



THE CHOICE IS  
**CLEAR**

### 1 Narrow Mouth Bottle, PP with PP closure

Material conforming to USP Class VI. Low in trace elements. Leakproof & Autoclavable. Excellent chemical resistance. Autoclavable with or without contents. Provide good clarity for viewing content. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
582070	4	72	855.00	4874.00
582071	5	72	1026.00	5848.00
582080	8	72	1098.00	6259.00
582090	15	72	1269.00	7233.00
582091	20	72	1539.00	8772.00
582100	30	72	1701.00	9696.00
582110	60	72	2295.00	13082.00
582120	125	72	3141.00	17904.00
582130	250	72	5085.00	28985.00
582140	500	48	4524.00	25787.00
582150	1000	24	4461.00	25428.00



### 2 Narrow Mouth Bottle, LDPE with PP closure

Material conforming to USP Class VI. Leakproof. Excellent flexibility, chemical resistance, and impact resistance. Contents are easily visible. Good for freezer storage to -100°C.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
586080	8	72	855.00	4874.00
586090	15	72	1026.00	5848.00
586200	30	72	1440.00	8208.00
586210	60	72	1872.00	10670.00
586220	125	72	2538.00	14467.00
586230	250	72	4068.00	23188.00
586240	500	48	3327.00	18964.00
586250	1000	24	3327.00	18964.00



### 3 Narrow Mouth Bottle, HDPE with PP closure

Material conforming to USP Class VI. Low in trace elements. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing, packaging, and shipping liquids. Good for freezer storage to -100°C.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
583170	4	72	756.00	4309.00
583171	5	72	927.00	5284.00
583180	8	72	1026.00	5848.00
583190	15	72	1098.00	6259.00
583191	20	72	1368.00	7798.00
583100	30	72	1512.00	8618.00
583110	60	72	2043.00	11645.00
583120	125	72	2799.00	15954.00
583130	250	72	4500.00	25650.00
583140	500	48	3732.00	21272.00
583150	1000	24	3669.00	20913.00



### 4 Amber Narrow Mouth Bottle, HDPE with PP Amber closure

Material conforming to USP Class VI. Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing, packaging, and shipping liquids. Good for freezer storage to -100°C.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
581170	4	72	945.00	5387.00
581172	5	72	1098.00	6259.00
581180	8	72	1197.00	6823.00
581190	15	72	1368.00	7798.00
581191	20	72	1440.00	8208.00
581200	30	72	2043.00	11645.00
581210	60	72	2628.00	14980.00
581220	125	72	3555.00	20264.00
581230	250	72	5598.00	31909.00
581240	500	48	5028.00	28660.00
581250	1000	24	5646.00	32182.00



For Bulk Pack add suffix A after the Code No.



### 5 Wide Mouth Bottle, PP with PP closure

Material conforming to USP Class VI. Low in trace elements. Leakproof & Autoclavable. Excellent chemical resistance. Autoclavable with or without contents. Provide good clarity for viewing content. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
582200	30	72	2043.00	11645.00
582210	60	72	2727.00	15544.00
582220	125	72	3726.00	21238.00
582230	250	72	5841.00	33294.00
582240	500	48	5256.00	29959.00
582250	1000	24	5142.00	29309.00
582260	2000	6	2754.00	15698.00
582270	4000	6	6072.00	34610.00



### 6 Wide Mouth Bottle, LDPE with PP closure

Material conforming to USP Class VI. Leakproof. Excellent flexibility, chemical resistance, and impact resistance. Contents are easily visible. Good for freezer storage to -100°C.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
585200	30	72	1701.00	9696.00
585210	60	72	2214.00	12620.00
585220	125	72	3069.00	17493.00
585230	250	72	4752.00	27086.00
585240	500	48	4347.00	24778.00
585250	1000	24	4209.00	23991.00
585260	2000	6	2265.00	12911.00
585270	4000	6	5469.00	31173.00



### 7 Wide Mouth Bottle, HDPE with PP closure

Material conforming to USP Class VI. Low in trace elements. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
584200	30	72	1872.00	10670.00
584210	60	72	2457.00	14005.00
584220	125	72	3384.00	19289.00
584230	250	72	5256.00	29959.00
584240	500	48	4752.00	27086.00
584250	1000	24	4632.00	26402.00
584260	2000	6	2499.00	14244.00
584270	4000	6	5469.00	31173.00



### 8 Amber Wide Mouth Bottle, HDPE with PP Amber closure

Material conforming to USP Class VI. Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C.

Code	Capacity ml.	Packing	Price/Pack	Price/6 Packs
581300	30	72	2385.00	13595.00
581310	60	72	2970.00	16929.00
581320	125	72	4158.00	23701.00
581330	250	72	6354.00	36218.00
581340	500	48	5760.00	32832.00
581350	1000	24	6489.00	36987.00
581360	2000	6	3102.00	17681.00
581370	4000	6	6684.00	38099.00

### 9 Sterile Individually Wrapped Wide Mouth Bottle, HDPE with PP closure

Material conforming to USP Class VI. Gamma Sterile & Leakproof. Rigid and excellent chemical resistance. Good for freezer storage to -100°C. Individually wrapped (single poly bag)

Code	Capacity ml.	Packing	Price/Pack
584200S	30	500	15740.00
584210S	60	250	10080.00
584220S	125	125	7009.00
584230S	250	60	5232.00
584240S	500	30	3576.00
584250S	1000	24	5571.00
584260S	2000	12	5991.00



### 10 Sterile Individually Wrapped Wide Mouth Amber Bottle, HDPE with PP Amber closure

Material conforming to USP Class VI. Gamma Sterile & Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance. Good for freezer storage to -100°C. Individually wrapped (single poly bag)

Code	Capacity ml.	Packing	Price/Pack
581300S	30	500	19751.00
581310S	60	250	12395.00
581320S	125	125	8558.00
581330S	250	60	6381.00
581340S	500	30	4320.00
581350S	1000	24	7776.00
581360S	2000	12	7437.00



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### 11 Sterile Pyrogen free Individually Wrapped Wide Mouth Bottle, HDPE with PP closure

Material conforming to USP Class VI. Gamma Sterile, Free of detectable pyrogen & Leakproof. Rigid and excellent chemical resistance. Good for freezer storage to -100°C. Individually wrapped (single poly bag)

Code	Capacity ml.	Packing	Price/Pack
584200SP	30	500	16952.00
584210SP	60	250	10868.00
584220SP	125	125	7550.00
584230SP	250	60	5640.00
584240SP	500	30	3843.00
584250SP	1000	24	6000.00
584260SP	2000	12	6453.00



### 12 Sterile Pyrogen free Individually Wrapped Wide Mouth Amber Bottle, HDPE with PP Amber closure

Material conforming to USP Class VI. Gamma Sterile, Free of detectable pyrogen & Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance. Good for freezer storage to -100°C. Individually wrapped (single poly bag)

Code	Capacity ml.	Packing	Price/Pack
581300SP	30	500	21273.00
581310SP	60	250	13361.00
581320SP	125	125	9240.00
581330SP	250	60	6885.00
581340SP	500	30	4650.00
581350SP	1000	24	8379.00
581360SP	2000	12	8010.00



Note: Multi-barrier customized packing available.



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**13** Heavy Duty Vacuum Bottle, PP with white PP closure, TPE gasket

Material conforming to USP Class VI. Leakproof & Autoclavable. Large Bottle with thick wall. Excellent chemical resistance. Ideal for a vacuum trap. Compatible with Filling/Venting Closure. Withstand full vacuum for 24 hours. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity ml.	Packing	Price/Pack
582258	1000	6	3834.00
583255	2000	6	5811.00
582255	4000	6	10656.00

**13A** Heavy Duty Vacuum Bottle, HDPE with white PP closure, TPE gasket

Material conforming to USP Class VI. Leakproof . Large Bottle with thick wall. Excellent chemical resistance. Ideal for a vacuum trap. Compatible with Filling/Venting Closure. Withstand full vacuum for 24 hours.

Code	Capacity ml.	Packing	Price/Pack
582256	2000	6	5811.00
582257	4000	6	10656.00



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**14** Wide Mouth Square Bottle, PP with PP closure

Material conforming to USP Class VI. Leakproof & Autoclavable. Save space. Provide a Large labeling surface. Easy to fill and clean. Resistant to acids, alcohols, and bases. Provide good clarity for viewing content. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
582221	60	12	540.00	6156.00
582222	175	12	876.00	9986.00
582223	250	12	1173.00	13372.00
582224	500	12	1440.00	16416.00
582225	1000	6	1554.00	17716.00



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**15** Wide Mouth Square Bottle, HDPE with PP closure

Material conforming to USP Class VI. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Save space. Provide a Large labeling surface. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C

Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
584221	60	12	468.00	5335.00
584222	175	12	762.00	8687.00
584223	250	12	1017.00	11594.00
584224	500	12	1257.00	14330.00
584225	1000	6	1350.00	15390.00



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**16** Amber Wide Mouth Square Bottle, HDPE with PP Amber closure

Material conforming to USP Class VI. Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Save space. Provide a Large labeling surface. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C

Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
585221	60	12	594.00	6772.00
585222	175	12	963.00	10978.00
585223	250	12	1245.00	14193.00
585224	500	12	1695.00	19323.00
585225	1000	6	1890.00	21546.00

For Bulk Pack add suffix A after the Code No.

### 17 Large Narrow Mouth Bottle, PP with PP closure

Material conforming to USP Class VI. Low in trace elements. Leakproof & Autoclavable. Ideal for storing chemicals, standards, and distilled water. 4L and 8L have built-in shoulder loop for an identification tag. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity ml.	Packing	Price/Pack
582180	2000	6	2886.00
582160	4000	6	5616.00
582190	8000	6	9627.00



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### 18 Large Narrow Mouth Bottle, LDPE with PP closure

Material conforming to USP Class VI. Leakproof. Excellent flexibility, chemical resistance, and impact resistance. Ideal for storing chemicals, standards, and distilled water. 4L and 8L have built-in shoulder loop for an identification tag. Good for freezer storage to -100°C

Code	Capacity ml.	Packing	Price/Pack
586260	2000	6	2364.00
586280	4000	6	4599.00
586290	8000	6	7875.00



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### 19 Rectangular Wide Mouth Bottle, HDPE with PP closure

Material conforming to USP Class VI. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Save space. Provide a Large labeling surface. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C

Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
583320	125	12	651.00	7421.00
583330	250	12	1017.00	11594.00
583340	500	12	1257.00	14330.00
583350	1000	6	1350.00	15390.00
583360	2000	6	2925.00	33345.00



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### 20 Amber Rectangular Wide Mouth Bottle, HDPE with PP Amber closure

Material conforming to USP Class VI. Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Save space. Provide a Large labeling surface. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C

Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
583420	125	12	792.00	9029.00
583430	250	12	1245.00	14193.00
583440	500	12	1695.00	19323.00
583450	1000	6	1890.00	21546.00
583460	2000	6	3621.00	41279.00



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21

**21 Large Wide Mouth Bottle with Handle, PP with white PP closure**

Material conforming to USP Class VI. Autoclavable. Ideal for storing and sterilizing contaminated lab items. Not recommended for transporting liquids. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity L.	Packing	Price/Pack
583257	4 Round	6	7848.00
583258	4 Square	6	7848.00



22

**22 Large Wide Mouth Bottle with Handle, HDPE with white PP closure**

Material conforming to USP Class VI. Leakproof. Rigid and excellent chemical resistance. Save space. Provide a Large labeling surface. Ideal for storing, packaging, and shipping dry materials or liquids. Good for freezer storage to -100°C

Code	Capacity L.	Packing	Price/Pack
583357	4 Round	6	7362.00
583358	4 Square	6	7362.00



23

**23 Jerrican, HDPE with white PP closure**

Material conforming to USP Class VI. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Save space. Provide a Large labeling surface. Ideal for storing, packaging, and shipping liquids. Good for freezer storage to -100°C

Code	Capacity L.	Packing	Price/Pack	Price/12 Packs
683210	5	1	1220.00	13908.00
683220	10	1	1520.00	17328.00
683230	20	1	2195.00	25023.00



24

**24 Aspirator Bottle with Stopcock, PP**

Material conforming to USP Class VI. Leakproof & Autoclavable. Ideal for storing and dispensing lab solutions and sterile / distilled water. NOTE: Remove the spigot before autoclaving. Spigot is autoclavable in open condition.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583210	5	1	1986.00	22640.00
583220	10	1	3311.00	37745.00
583230	20	1	4553.00	51904.00
583211	Spare Stopcock	1	1083.00	12346.00

For Bulk Pack add suffix A after the Code No.

**25** Carboy PP, with white PP closure, TPE gasket

Material conforming to USP Class VI. Low in trace elements. Leakproof, Graduated & Autoclavable. Wide shoulder handle for easy pouring & carrying. Ideal for storing and transporting large batches of culture media, distilled water, and other solutions. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583250	10	1	2741.00	31247.00
583251	15	1	3323.00	37882.00
583260	20	1	3888.00	44323.00
583261	25	1	5198.00	59257.00
583264	33	1	7134.00	81328.00
583270	50	1	7874.00	89764.00

**Heavy Duty Carboy PP, with white PP closure, TPE gasket**

Material conforming to USP Class VI. Thick wall, Leakproof, Graduated & Autoclavable. Ideal for vacuum trap. Compatible with Filling/Venting Closure. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity L.	Packing	Price/Pack	Price/6Packs
583265	10	1	3837.00	21871.00
583266	20	1	5445.00	31037.00

**26** Carboy HDPE with white PP closure, TPE gasket

Material conforming to USP Class VI. Low in trace elements. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing, packaging, and shipping liquids. Good for freezer storage to -100°C

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583321	10	1	2741.00	31247.00
583322	20	1	3888.00	44323.00
583323	50	1	7874.00	89764.00

**27** Carboy LDPE with white PP closure, TPE gasket

Material conforming to USP Class VI. Leakproof graduated. Excellent flexibility, chemical resistance, and impact resistance. Ideal for storage and transport of reagents.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583371	10	1	2351.00	26801.00
584402	15	1	3074.00	35044.00
583372	20	1	3332.00	37985.00
584403	25	1	4641.00	52907.00
583373	50	1	6746.00	76904.00

**27A** Sterile Carboy LDPE with white PP closure, TPE gasket

Material conforming to USP Class VI. Gamma Sterile, Leakproof, graduated. Ideal for storing sterile fluids and pharma products.

Code	Capacity L.	Packing	Price/Pack	Price/6Packs
583374	10	1	3280.00	18696.00
583375	20	1	4669.00	26613.00

**28** Amber Carboy HDPE with Amber PP closure, TPE gasket

Material conforming to USP Class VI. Leakproof. Protect light-sensitive liquids. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing, packaging, and shipping liquids. Good for freezer storage to -100°C

Code	Capacity L.	Packing	Price/Pack	Price/6Packs
583252	10	1	3837.00	21871.00
583253	20	1	5444.00	31031.00



For Bulk Pack add suffix A after the Code No.





29

**29** Wide Mouth Carboy, PP with white PP closure.

Material conforming to USP Class VI. Leakproof, Graduated & Autoclavable. Wide mouth opening with shoulder handle for easy pouring & carrying for solids, powders, etc. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583351	10	1	2741.00	31247.00
583272	15	1	3322.00	37871.00
583361	20	1	3888.00	44323.00



30

**30** Wide Mouth Carboy LDPE with white PP closure.

Material conforming to USP Class VI. Leakproof, graduated. Excellent flexibility, chemical resistance, and impact resistance. Ideal for storage and transport of reagents.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583471	10	1	2351.00	26801.00
583472	20	1	3332.00	37985.00



31

**31** Carboy with Stopcock, PP with TPE gasket

Material conforming to USP Class VI. Leakproof, Graduated & Autoclavable. Ideal for storing and dispensing lab solutions, media, and sterile / distilled water. Excellent chemical resistance. NOTE: Remove the spigot before autoclaving. Spigot is autoclavable in open condition.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
583279	5	1	2598.00	29617.00
583280	10	1	3888.00	44323.00
583290	20	1	5353.00	61024.00
583263	25	1	6663.00	75958.00
583300	50	1	9691.00	110477.00



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**32** Carboy LDPE with PP closure and stopcock.

Material conforming to USP Class VI. Leakproof, graduated. Excellent flexibility, chemical resistance, and impact resistance. Ideal for storing and dispensing reagents, acids, and distilled water. Spigot is autoclavable in open condition.

Code	Capacity L.	Packing	Price/Pack	Price/12Packs
584401	5	1	1782.00	20315.00
584380	10	1	3332.00	37985.00
584390	20	1	4587.00	52292.00
584404	25	1	6190.00	70566.00
584400	50	1	8312.00	94757.00

For Bulk Pack add suffix A after the Code No.

### 33 Sanitary Neck Carboy, PP with 3" welded sanitary flange

Material conforming to USP Class VI. Leakproof, Graduated & Autoclavable. Ideal for aseptic transfer of solutions through a 3" Tri-Clover flange neck.

Code	Capacity L.	Packing	Price/Pack
584301	10	1	3286.00
584302	20	1	4462.00
584303	50	1	8731.00



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### 34 Sanitary Flange Carboy, PP with 1.5" welded sanitary flange

Material conforming to USP Class VI. Leakproof, Graduated & Autoclavable. Used as supply reservoirs to a system such as chromatography columns or fermenters. 1.5" Sanitary Flange acts as a dispensing port.

Code	Capacity L.	Packing	Price/Pack
584305	10	1	3743.00
584307	20	1	4871.00
584306	50	1	9244.00



34

### 35 Safety Vent Carboy, HDPE with multiport PP closure, TPE gasket

An efficient solution for HPLC liquid waste disposal. The activated carbon filter traps volatile organic compounds and prevents their release into the environment. The closure has additional 4 ports for 1/8" OD tubing and another 3 ports for 1/4" OD tubing.

Code	Capacity L.	Packing	Price/Pack
583281	10	1	14769.00
583291	20	1	15916.00
583221	Safety vent cap	1	12028.00



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### 36 Rectangular Carboy with stopcock, PP

Material conforming to USP Class VI. Leakproof, Graduated & Autoclavable. Space-saving rectangular shape. Ideal for storing and dispensing lab solutions, media, and sterile / distilled water. Remove the spigot before autoclaving. Spigot is autoclavable in open condition. NOTE: Before autoclaving set the closure on top of the container without engaging the threads.

Code	Capacity L.	Packing	Price/Pack	Price/12 Packs
683240	5	1	2737.00	31202.00
683250	10	1	3888.00	44323.00
683260	20	1	5307.00	60500.00

### 36A Rectangular HDPE Carboy with white PP closure and stopcock

Material conforming to USP Class VI. Leakproof. Rigid and excellent chemical resistance to most acids, bases, and alcohols. Ideal for storing and dispensing reagents, acids, and distilled water. Spigot is autoclavable in open condition.

Code	Capacity L.	Packing	Price/Pack	Price/12 Packs
683241	5	1	2348.00	26767.00
683242	10	1	3332.00	37985.00
683243	20	1	4545.00	51813.00



36/36A

For Bulk Pack add suffix A after the Code No.



### 37 Autoclavable Septum Closure, PP with TPE septum

Material conforming to USP Class VI, and non-cytotoxic. Ideal for aseptic injection of reagent or sample withdrawal without compromising sterility or integrity of contents. Use a 1.2 mm /18 gauge or smaller needle.

Code	Size mm	Packing	Price/Pack	Price/ 6 Packs
581718	24-415	12/96	2400.00	13680.00
581719	38-430	12/48	1920.00	10944.00

For Bulk Pack add suffix A after the Code No.



### 38 3 Port Filling/Venting Closure, white PP, TPE gasket with platinum-cured silicone tubing.

Material conforming to USP Class VI, and non-cytotoxic. Autoclavable. Ideal for aseptic transfer of media, biological reagents, pure water, and chemicals to and from heavy-duty vacuum bottles and carboys that accepts 53-B or 83-B closures. Includes 2 pieces of tubing.

Code	Size mm	Tubing ID	Packing	Price/Pack
583216	53B	1/4" / 6.35mm	2	6087.00
583217	83B	1/4" / 6.35mm	2	9732.00
583218	83B	1/2" / 12.7mm	2	13032.00



### 39 3 Port Fluid Transfer Closure, white PP with platinum-cured silicone insert.

Material conforming to USP Class VI, and non-cytotoxic. Autoclavable. Ideal for aseptic transfer of media from bottles with GL45 neck size.

Code	Closure	Tubing ID	Packing	Price/Pack
587000	GL45	(2) 1/4" (1) 1/8"	1	9091.00



### 40 Quick Fit Filling/Venting 83B Closure, white PP with TPE gasket

Material conforming to USP Class VI, and non-cytotoxic. Non-Autoclavable. Ideal for an aseptic transfer of media from bottles and carboys with an 83B neck finish. Quick disconnect tubing ports make installation a snap.

Code	No. of Port	Tubing ID	Packing	Price/Pack
583222	2	1/4"	1	10277.00
583223	2	3/8"	1	10340.00
583224	3	1/4"	1	14914.00
583225	3	3/8"	1	14952.00

### 40A Spare Quick Disconnect Fittings

Replacement hose barb inserts for Quick Fit Filling/Venting 83B Closure. Straight hose barb/elbow hose barb (90°).

Code	Type	Tubing ID	Packing	Price/Pack
583226	Straight	1/4"	1	560.00
583227	Straight	3/8"	1	557.00
583228	Elbow	1/4"	1	2029.00
583229	Elbow	3/8"	1	2113.00

## Bottles & Carboys specification

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap.,ml	Material	Color	Screw Closure Size, mm	I.D. Neck, mm	O.D. Bottle, mm	Hgt. w/out Closure, mm
4 ml (1/8 oz.)	Bottle, NM, Round	582070	4.3	PP	Natural	13-415	8.3	15.8	38.6
		583170	4.3	HDPE	Natural	13-415	8.3	15.8	38.6
		581170	4.3	HDPE	Amber	13-415	8.3	15.8	38.6
5 ml (1/8 oz.)	Bottle, NM, Round	582071	6.1	PP	Natural	13-415	8.4	17.8	40.3
		583171	6.1	HDPE	Natural	13-415	8.2	17.8	39.8
		581172	6.1	HDPE	Amber	13-415	8.2	17.8	39.8
8 ml (1/4 oz.)	Bottle, NM, Round	582080	11.1	PP	Natural	20-415	13.4	25	42.3
		586080	11.1	LDPE	Natural	20-415	13.4	24.7	42.3
		583180	11.1	HDPE	Natural	20-415	13.2	25	42.3
		581180	11.1	HDPE	Amber	20-415	13.2	25	42.3
15 ml (1/2 oz.)	Bottle, NM, Round	582090	16.8	PP	Natural	20-415	13.5	25	56
		586090	16.8	LDPE	Natural	20-415	13.3	24.8	56
		583190	16.8	HDPE	Natural	20-415	13.2	24.7	55.5
		581190	16.8	HDPE	Amber	20-415	13.2	24.7	55.5
20 ml (1/2 oz.)	Bottle, NM, Round	582091	23.1	PP	Natural	20-415	13	27.1	58.5
		583191	23.1	HDPE	Natural	20-415	13	27.1	58.1
		581191	23.1	HDPE	Amber	20-415	13	27.1	58.1
30 ml (1 oz.)	Bottle, NM, Round	582100	35	PP	Natural	20-415	13.8	36.5	60
		586200	35	LDPE	Natural	20-415	13.8	36.4	60
		583100	35	HDPE	Natural	20-415	13.5	36.3	59.5
		581200	35	HDPE	Amber	20-415	13.5	36.3	59.5
	Bottle, WM, Round	582200	34.6	PP	Natural	28-415	21.4	34.8	59.8
		585200	34.6	LDPE	Natural	28-415	21.5	34.7	59.8
		584200	34.6	HDPE	Natural	28-415	21	34.6	59.1
60 ml (2 oz.)	Bottle, NM, Round	582110	65	PP	Natural	20-415	13.8	40.2	82.6
		586210	65	LDPE	Natural	20-415	13.8	39.9	82
		583110	65	HDPE	Natural	20-415	13.5	39.8	82
		581210	65	HDPE	Amber	20-415	13.5	39.8	82
		582210	67	PP	Natural	28-415	21.3	39.7	82.5
	Bottle, WM, Round	585210	67	LDPE	Natural	28-415	21.3	39.5	82.4
		584210	67	HDPE	Natural	28-415	21.1	39.2	81.5
		581310	67	HDPE	Amber	28-415	21.1	39.2	81.5
	Bottle, WM, Square	582221	72	PP	Natural	28-415	21	35.4	81.8
		584221	72	HDPE	Natural	28-415	20.8	35.5	80.9
		585221	72	HDPE	Amber	28-415	20.8	35.5	80.9
125 ml (4 oz.)	Bottle, NM, Round	582120	138	PP	Natural	24-415	17.7	51.7	98.3
		586220	138	LDPE	Natural	24-415	17.7	51.5	98.4
		583120	138	HDPE	Natural	24-415	17.7	51	98.2
		581220	138	HDPE	Amber	24-415	17.7	51	98.2
	Bottle, WM, Round	582220	139	PP	Natural	38-415	28.6	50.6	95.5
		585220	139	LDPE	Natural	38-415	28.7	50.5	95.5
		584220	139	HDPE	Natural	38-415	28.3	50.3	94.7
	Bottle, WM, Rect.	581320	139	HDPE	Amber	38-415	28.3	50.3	94.7
		583320	139.6	HDPE	Natural	28-415	21.1	60 X 39.4	97.3
		583420	139.6	HDPE	Amber	28-415	21.1	60 X 39.4	97.3
175 ml (6 oz.)	Bottle, WM, Square	582222	182	PP	Natural	38-415	28.7	52.1	100.7
		584222	182	HDPE	Natural	38-415	28.5	51	100.5
		585222	182	HDPE	Amber	38-415	28.5	50.9	100.5
250 ml (8 oz.)	Bottle, NM, Round	582130	290	PP	Natural	24-415	17.7	61.5	131.7
		586230	290	LDPE	Natural	24-415	17.6	61.1	130.7
		583130	290	HDPE	Natural	24-415	17.5	60.8	130.9
		581230	290	HDPE	Amber	24-415	17.5	60.8	130.9
	Bottle, WM, Round	582230	295	PP	Natural	43-415	33	61.6	127.4
		585230	295	LDPE	Natural	43-415	33.1	61.2	127.7
		584230	295	HDPE	Natural	43-415	32.8	60.9	127
		581330	295	HDPE	Amber	43-415	32.8	60.9	127
		583330	290	HDPE	Natural	38-415	28.8	75.5 X 54	112
	Bottle, WM, Rect.	583430	290	HDPE	Amber	38-415	28.8	75.5 X 54	112
		582223	291	PP	Natural	43-415	33	60.3	112.4
	Bottle, WM, Square	584223	291	HDPE	Natural	43-415	32.7	60.3	111.6
		585223	291	HDPE	Amber	43-415	32.7	60.3	111.6

## Bottles & Carboys specification

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap., ml	Material	Color	Screw Closure Size, mm	I.D. Neck, mm	O.D. Bottle, mm	Hgt. w/out Closure, mm
500 ml (16 oz.)	Bottle, NM, Round	582140	540	PP	Natural	28-415	21.2	73.5	168
		586240	540	LDPE	Natural	28-415	21.2	72.8	168
		583140	540	HDPE	Natural	28-415	21.1	73	168
		581240	540	HDPE	Amber	28-415	21.1	73	168
	Bottle, WM, Round	582240	568	PP	Natural	53-415	43.8	73.1	164
		585240	568	LDPE	Natural	53-415	43.9	72.8	164
		584240	568	HDPE	Natural	53-415	44	72.7	164
		581340	568	HDPE	Amber	53-415	44	72.7	164
	Bottle, WM, Rect.	583340	645	HDPE	Natural	48-415	38	100X64.7	140.6
		583440	645	HDPE	Amber	48-415	38	100X64.7	140.6
	Bottle, WM, Square	582224	570	PP	Natural	53-415	43.8	75	141.1
		584224	570	HDPE	Natural	53-415	43.7	72.7	141.5
585224		570	HDPE	Amber	53-415	43.7	72.7	141.5	
1 Litre (32 oz.)	Bottle, NM, Round	582150	1100	PP	Natural	38-430	27.8	93.9	214
		586250	1100	LDPE	Natural	38-430	27.8	93.1	214
		583150	1100	HDPE	Natural	38-430	27.8	93.1	214
		581250	1100	HDPE	Amber	38-430	27.8	93.1	214
	Bottle, WM, Round	582250	1120	PP	Natural	63-415	53.3	92.7	195
		585250	1120	LDPE	Natural	63-415	52.2	92	195
		584250	1120	HDPE	Natural	63-415	51.9	92	195
		581350	1120	HDPE	Amber	63-415	51.9	92	195
	Bottle, WM, Rect.	583350	1140	HDPE	Natural	53-415	43.7	125.2X70.2	175
		583450	1140	HDPE	Amber	53-415	43.7	125.2X70.2	175
	Bottle, WM, Square	582225	1150	PP	Natural	63-415	53.2	90.7	178
		584225	1150	HDPE	Natural	63-415	52.9	90.5	177
585225		1150	HDPE	Amber	63-415	52.9	90.5	177	
Bottle, Heavy Duty, Round	582258	1050	PP	Natural	53B	38.9	92.9	217	
2 Litre (1/2 gal.)	Bottle, NM, Round	582180	2082	PP	Natural	38-430	26.9	120	247
		586260	2082	LDPE	Natural	38-430	26.9	119	246
	Bottle, WM, Round	582260	2260	PP	Natural	100-415	90.5	119.5	236
		585260	2260	LDPE	Natural	100-415	90.2	119.2	236
		584260	2260	HDPE	Natural	100-415	89.5	119	236
		581360	2260	HDPE	Amber	100-415	89.5	118.5	236
	Bottle, WM, Rect. w/Handle	583360	2380	HDPE	Natural	63-415	52.3	150X97	240
		583460	2380	HDPE	Amber	63-415	52.3	150X97	240
	Bottle, Heavy Duty, Round	583255	2050	PP	Natural	53B	38.4	120	258
4 Litre (1 gal.)	Bottle, NM, Round	582160	4360	PP	Natural	38-430	27	153	330
		586280	4360	LDPE	Natural	38-430	27	153	408
	Bottle, WM, Round	582270	4200	PP	Natural	100-415	86.7	152	280
		584270	4200	HDPE	Natural	100-415	86.7	152	280
		581370	4200	HDPE	Amber	100-415	86.7	152	280
		585270	4200	LDPE	Natural	100-415	86.1	152	280
	Bottle, WM, Round w/Handle	583257	4500	PP	Natural	100-415	86.7	163	293
		583357	4500	HDPE	Natural	100-415	86.7	163	293
	Bottle, WM, Square w/Handle	583258	4590	PP	Natural	100-415	86.1	147.2X147.2	293
		583358	4590	HDPE	Natural	100-415	86.7	147.2X147.2	293
Bottle, Heavy Duty, Round	582255	4100	PP	Natural	83B	65	154	336	
5 Litre (1 gal.)	Carboy Round w/Stopcock	583279	6200	PP	Natural	53B	38.9	181	352
		584401	6200	LDPE	Natural	53B	38.8	180	350
	Carboy Rect. w/Stopcock	683240	6690	PP	Natural	100-415	86.3	229X144	330
		683241	6690	HDPE	Natural	100-415	86.3	229X144	330
	Aspirator Bottle w/Stopcock	583210	5400	PP	Natural	53	43.5	172	347
	Jerrican	683210	8110	HDPE	Natural	53B	38.9	253X170	329
8 Litre (2 gal.)	Bottle, NM, Round	582190	8500	PP	Natural	53B	39.1	195	408
		586290	8500	LDPE	Natural	53B	39.1	195	408
10 Litre (2 gal.)	Carboy, NM, Round	583250	11500	PP	Natural	83B	65	249	376
		583321	11800	HDPE	Natural	83B	65	249	376
		583252	11840	HDPE	Amber	83B	65	249	376
		583371	11840	LDPE	Natural	83B	65	249	376
	Carboy, WM, Round	583374	11840	LDPE	Natural	83B	65	249	376
		583351	11600	PP	Natural	100-415	85.6	249	331
	Carboy, Round w/Stopcock	583471	11600	LDPE	Natural	100-415	85.6	249	331
		583280	11460	PP	Natural	83B	65	249	376
	Carboy, Rect. w/Stopcock	584380	11460	LDPE	Natural	83B	65	249	376
		683250	11800	PP	Natural	100-415	86.3	284X176	389
		683242	11800	HDPE	Natural	100-415	87.3	284X176	389

## Bottles & Carboys specification

Nominal Capacity	Description	Catalog Number	Approx. Brim Cap., ml	Material	Color	Screw Closure Size, mm	I.D. Neck, mm	O.D. Bottle, mm	Hgt. w/out Closure, mm
10 Litre (2 gal.)	Aspirator Bottle w/Stopcock	583220	10500	PP	Natural	53	43.8	200	454
	Carboy w/3" Sanitary Neck	584301	11600	PP	Natural	NA	65	249	376
	Carboy w/1.5" Sanitary Flange	584305	11300	PP	Natural	83B	65	295(w/flange)	376
	Carboy, Heavy Duty, Round	583265	11200	PP	Natural	83B	65	249	376
	Jerrican	683220	11580	HDPE	Natural	53B	38.9	282X189	374
15 Litre (3 gal.)	Carboy, NM, Round	583251	17500	PP	Natural	83B	65	285	422
		584402	17500	LDPE	Natural	83B	65	285	415
	Carboy WM, Round	583272	17200	PP	Natural	100-415	85.6	285	375
20 Litre (4 gal.)	Carboy, NM, Round	583260	23370	PP	Natural	83B	65	285	518
		583372	23000	LDPE	Natural	83B	65	285	518
		583375	23000	LDPE	Natural	83B	65	285	518
		583322	23000	HDPE	Natural	83B	65	285	518
		583253	23000	HDPE	Amber	83B	65	285	518
	Carboy, WM, Round	583361	23000	PP	Natural	100-415	85.6	285	472
		583472	23000	LDPE	Natural	100-415	85.6	285	472
	Carboy, Round w/Stopcock	583290	23000	PP	Natural	83B	65	285	518
		584390	23250	LDPE	Natural	83B	65	285	518
	Carboy, Rect. w/Stopcock	683260	20560	PP	Natural	100-415	85.7	340X209	486
		683243	20560	HDPE	Natural	100-415	86.3	340X209	486
	Aspirator Bottle w/Stopcock	583230	22700	PP	Natural	53	43.5	262	536
	Carboy w/3" Sanitary Neck	584302	23000	PP	Natural	NA	65	285	518
	Carboy w/1.5" Sanitary Flange	584307	23000	PP	Natural	83B	65	330(w/flange)	518
	Carboy, Heavy Duty, Round	583266	22000	PP	Natural	83B	65	285	518
Jerrican	683230	24190	HDPE	Natural	53B	38.9	351X245	463	
25 Litre (5 gal.)	Carboy, NM, Round	583261	27300	PP	Natural	83B	65.5	285	587
		584403	27300	LDPE	Natural	83B	65.5	285	583
	Carboy, Round w/Stopcock	583263	27300	PP	Natural	83B	65.5	285	587
		584404	27300	LDPE	Natural	83B	65.5	285	583
33 Litre (6 gal.)	Carboy, NM, Round	583264	41000	PP	Natural	83B	66.3	377	531
50 Litre (10 gal.)	Carboy, NM, Round	583270	54120	PP	Natural	83B	65	376	665
		583373	54120	LDPE	Natural	83B	65	376	665
		583323	53000	HDPE	Natural	83B	66	376	665
	Carboy, Round w/Stopcock	583300	54360	PP	Natural	83B	65	376	665
		584400	54360	LDPE	Natural	83B	65	376	665
	Carboy w/ 3" Sanitary Neck	584303	53000	PP	Natural	NA	65	376	665
	Carboy w/1.5" Sanitary Flange	584306	54000	PP	Natural	83B	65	423(w/flange)	665

## Resin Quick Reference Chart

	Polypropylene (PP)	Polypropylene Copolymer (PPCO)	Low Density Polypropylene (LDPE)	High Density Polypropylene (HDPE)
Max Use Temperature	135°C	121°C	80°C	120°C
Brittleness Temperature	0°C	-40°C	-100°C	-100°C
Autoclavable	Y	Y	N	N
Microwavable	Y	Marginal	Y	N
Dry Heat (Oven)	N	N	N	N
Freeze	N	Y	Y	Y
Flexibility	Rigid	Moderate	Excellent	Rigid
Clarity	Translucent	Translucent	Translucent	Translucent
Recycling Symbol				

## Autoclaving Conditions

	121°C
	20 min
	15 psi

### CAUTION

Before autoclaving set the closure on top of the container without engaging the threads. During decompression phase of the autoclaving cycle, the pressure within the vessel must be allowed to equalize. Any material stacked or placed over the closure has a potential to cause a vacuum to form, resulting in collapse.



**41A/B**

**41A Sterile Round Diagnostic Bottle, PETG with white HDPE closure**

Material conforming to USP Class VI. Leakproof. Free of detectable pyrogens, RNase & DNase, non-cytotoxic. Packed in shrink-wrapped Trays. Ideal for sampling, storage, and leak-proof shipment of reagents and sera.

Code	Capacity.ml.	Closure Size mm.	Quantity per tray/Pack	Price/Pack
581701	5	20-415	20/100	2940.00
581702	10	20-415	20/100	3150.00
581703	20	20-415	20/100	3570.00

**41B Sterile Amber Round Diagnostic Bottle, PETG with amber HDPE closure**

Material conforming to USP Class VI. Sterile, leakproof, non-pyrogenic & non-cytotoxic. Free of detectable pyrogens, RNase & DNase. Packed in shrink-wrapped trays. Ideal for sampling, storage, and leak-proof shipment of light-sensitive liquid media, API, bulk intermediates, pH-sensitive liquids, and sera. Meets USP light-resistant requirements.

Code	Capacity.ml.	Closure Size mm.	Quantity per tray/Pack	Price/Pack
581705	10	20-415	20/100	4095.00

**41C Autoclavable Round Diagnostic Bottle, PC with PP closure**

Ideal for the production, and leak-proof packaging of steam-sterilized biologicals such as serum, veterinary, pharmaceuticals, cosmeceutical, nutraceutical, and essential oils. Good for freezer storage to -135°C. NOTE: Remove the cap or completely disengage threads before autoclaving. Repeated autoclaving will shorten bottle life. Cap are separately packed.

Code	Capacity.ml.	Closure Size mm.	Quantity per tray/Pack	Price/Pack
581707	5	20-415	20/100	3675.00
581708	10	20-415	20/100	3938.00



**41C**

**42 Sterile Square Graduated Media Bottle, PETG with white HDPE closure**

Material conforming to USP Class VI. Leakproof. Free of detectable pyrogens, RNase & DNase, non-cytotoxic. Packed in shrink-wrapped Trays. Heat-shrink band around closure and neck. Ideal for sampling, storage, and leak-proof shipment of API, bulk intermediates, pH-sensitive liquids, and culture media.

Code	Capacity mL	Closure Size mm	Quantity per tray/Pack	Price/Pack	Price/ 4Pack
581410	30	20-415	24/96	11592.00	44050.00
581411	60	24-415	24/96	14922.00	56704.00
581412	125	38-430	24/48	10836.00	41177.00
581413	250	38-430	24/48	13407.00	50947.00
581414	500	38-430	12/24	9477.00	36013.00
581415	1000	38-430	12/24	12681.00	48188.00
581416	2000	53B	6/12	10899.00	41416.00



**42**

**42A Amber Square Graduated Media Bottle, PETG with amber HDPE closure**

Material conforming to USP Class VI. Leakproof, non-pyrogenic & non-cytotoxic. Packed in shrink-wrapped Trays. Ideal for sampling, storage, and leak-proof shipment of light-sensitive liquid media, API, bulk intermediates, pH-sensitive liquids, and sera. Meets USP light-resistant requirements.

Code	Capacity mL	Closure Size mm	Quantity per tray/Pack	Price/Pack	Price/ 4Pack
581430	30	20-415	24/96	15070.00	57266.00
581431	60	24-415	24/96	19399.00	73716.00
581432	125	38-430	24/48	14087.00	53531.00



**42A**

**43 Sterile Square Graduated Media Bottle, PETG with HDPE/TPE Septum closure**

Material conforming to USP Class VI. Leakproof. Free of detectable pyrogens, RNase & DNase, non-cytotoxic. Packed in shrink-wrapped Trays. Heat-shrink band around closure and neck. Ideal for packaging biological and diagnostic reagents that require aseptic dispensing or the addition of supplements by syringe.

Code	Capacity mL	Closure Size mm	Quantity per tray/Pack	Price/Pack	Price/ 4Pack
581421	60	24-415	24/96	16650.00	63270.00
581422	125	38-430	24/48	12084.00	45919.00
581423	250	38-430	24/48	14655.00	55689.00
581424	500	38-430	12/24	10101.00	38384.00
581425	1000	38-430	12/24	13305.00	50559.00



**44 Autoclavable Square Graduated Media Bottle, PC with PP closure**

Ideal for the production, and leak-proof packaging of steam-sterilized biologicals such as serum, veterinary, pharmaceuticals, cosmeceutical, nutraceutical, and essential oils. 2L size is having handgrip. Good for freezer storage to -135°C. NOTE: Remove the cap or completely disengage threads before autoclaving. Repeated autoclaving will shorten bottle life.

Code	Capacity mL	Closure Size mm	Quantity per Pack	Price/Pack	Price/ 4Pack
581400	30	20-415	24/96	14490.00	55062.00
581401	60	24-415	24/96	18653.00	70881.00
581402	125	38-430	24/48	13545.00	51471.00
581403	250	38-430	24/48	16759.00	63684.00
581404	500	38-430	12/24	11846.00	45015.00
581405	1000	38-430	12/24	15851.00	60234.00
581406	2000	53B	6/12	13624.00	51771.00



**45 Sterile Square Graduated Media Bottle, PET with HDPE closure**

Material conforming to USP Class VI. Leakproof. Free of detectable pyrogens, RNase & DNase, non-cytotoxic. Packed in shrink-wrapped Trays. Ideal for storage and shipping of liquid media, buffers, and sera with excellent gas barrier properties.

Code	Capacity mL	Closure Size mm	Quantity per tray/Pack	Price/Pack	Price/ 4Pack
581610	125	38-430	24/48	12384.00	47060.00
581611	250	38-430	24/48	9576.00	36390.00
581612	500	38-430	12/24	10830.00	41154.00
581613	1000	38-430	12/24	7245.00	27531.00



**46 Sterile Individually packed Square Graduated Media Bottle, PET with HDPE closure**

Material conforming to USP Class VI. Leakproof. Free of detectable pyrogens, RNase & DNase, non-cytotoxic. Packed in shrink-wrapped Trays. Ideal for storage and shipping of liquid media, buffers, and sera with excellent gas barrier properties.

Code	Capacity mL	Closure Size mm	Quantity per Pack	Price/Pack	Price/ 4Pack
581620	125	38-430	48	13622.00	51764.00
581621	250	38-430	48	10534.00	40029.00
581622	650	38-430	24	11913.00	45269.00
581623	1000	38-430	24	7970.00	30286.00







47

**47 Sterile Erlenmeyer Cell Culture Flask flat base, PETG with white HDPE closure**

Material conforming to USP Class VI. Non-cytotoxic and Free of detectable pyrogens. Graduated. Individually packed. Ideal for suspension cell culture, media preparation, or storage. Withstands -40°C to 70°C

Code	Capacity ml.	Closure Size mm	Packing	Price/Pack
442010	125	38-430	24	7800.00
442020	250	38-430	12	4620.00
442030	500	45-430	12	5820.00
442040	1000	45-430	6	3960.00
442050	2000	45-430	4	3360.00
442060	3000	70	4	5400.00



48

**48 Sterile Erlenmeyer Cell Culture Flask flat base, PETG with Blue HDPE Vented closure**

Material conforming to USP Class VI. Non-cytotoxic and Free of detectable pyrogens. Graduated. Individually packed. The Hydrophobic 0.2µ PTFE membrane filter cap provides sterile gas exchange without unscrewing the closure. Ideal for suspension cell culture, media preparation, or storage. Withstands -40°C to 70°C

Code	Capacity ml.	Closure Size mm	Packing	Price/Pack
444010	125	38-430	24	9000.00
444020	250	38-430	12	5220.00
444030	500	45-430	12	6540.00
444040	1000	45-430	6	4320.00
444050	2000	45-430	4	3600.00
444060	3000	70	4	5760.00



49

**49 Sterile Erlenmeyer Cell Culture Flask baffled base, PETG with white HDPE closure**

Material conforming to USP Class VI. Non-cytotoxic and Free of detectable pyrogens. Graduated. Individually packed. Ideal for suspension cell culture, media preparation, or storage. Withstands -40°C to 70°C

Code	Capacity ml.	Closure Size mm	Packing	Price/Pack
443010	125	38-430	24	7800.00
443020	250	38-430	12	4620.00
443030	500	45-430	12	5820.00
443040	1000	45-430	6	3960.00
443050	2000	45-430	4	3360.00
443060	3000	70	4	5400.00



50

**50 Sterile Erlenmeyer Cell Culture Flask baffled base, PETG with Blue HDPE Vented closure**

Material conforming to USP Class VI. Non-cytotoxic and Free of detectable pyrogens. Graduated. Individually packed. The Hydrophobic 0.2µ PTFE membrane filter cap provides sterile gas exchange without unscrewing the closure. Ideal for suspension cell culture, shaker, media preparation, or storage. Withstands -40°C to 70°C

Code	Capacity ml.	Closure Size mm	Packing	Price/Pack
445010	125	38-430	24	9000.00
445020	250	38-430	12	5220.00
445030	500	45-430	12	6540.00
445040	1000	45-430	6	4320.00
445050	2000	45-430	4	3600.00
445060	3000	70	4	5760.00

Note: Sterile Erlenmeyer Cell Culture Flasks are also available in Polycarbonate.

**51 Sterile High Efficiency Erlenmeyer Cell Culture Flask PC, flat base with white HDPE closure**

Material conforming to USP Class VI, Non-cytotoxic, and Free of detectable pyrogens. Individually packed. Ideal for all shaker culture applications. Designed for consistency, cell health, and reproducibility. Withstands -80°C to 121°C. Molded-in graduation with 250-mL (3L) and 1000-mL increment (5L)

Code	Capacity. L.	Closure Size mm	Packing	Price/Pack
446010	3	110	4	7200.00
446020	5	110	4	16000.00

**52 Sterile High Efficiency Erlenmeyer Cell Culture Flask PC, flat base with blue HDPE Vented closure**

Material conforming to USP Class VI, Non-cytotoxic, and Free of detectable pyrogens. Individually packed. The Hydrophobic 0.2µ PTFE membrane filter cap provides sterile gas exchange without unscrewing the closure. Ideal for all shaker culture applications. Designed for consistency, cell health, and reproducibility. Withstands -80°C to 121°C. Molded-in graduation with 250-mL (3L) and 1000-mL increment (5L)

Code	Capacity. L.	Closure Size mm	Packing	Price/Pack
446012	3	110	4	7800.00
446022	5	110	4	16600.00

**53 Sterile Square Biocanister, PC with white HDPE closure**

Material conforming to USP Class VI, Non-cytotoxic, and Free of detectable pyrogens. Leakproof. Individually packed. Ideal for the safe storage and transport of vaccines, biopharmaceuticals, culture media, and other biotech materials in life science industries. It Withstands -80°C to 121°C. Molded-in graduations with 500-mL and 0.5-gallon increments in 5L & 10L and 1000mL/ 1-gallon increments in 20L with ± 2% accuracy. 3-layers packaging for cleanroom use.

Code	Capacity. L	Closure Size mm.	Packing	Price/Pack
581407	5	63	6	26397.00
581408	10	63	4	28770.00
581409	20	63	2	21810.00

**53A Sterile Square Biocanister, PETG with white HDPE closure**

Material conforming to USP Class VI. Non-cytotoxic and Free of detectable pyrogens. Graduated. Individually packed. Ideal for the safe storage and transport of vaccines, biopharmaceuticals, culture media, and other biotech materials in life science industries. Withstands -40°C to 70°C. Molded-in graduations with 500-mL and 0.5-gallon increments with ± 2% accuracy. 3-layer packaging for cleanroom use.

Code	Capacity. L	Closure Size mm.	Packing	Price/Pack
581417	5	63	6	23757.00

**53B Sterile Square Biocanister, PET with white HDPE closure**

Material conforming to USP Class VI. Non-cytotoxic and Free of detectable pyrogens. Graduated. Individually packed. Ideal for the safe storage and transport of vaccines, biopharmaceuticals, culture media, and other biotech materials in life science industries. Withstands -40°C to 65°C. Molded-in graduations with 500-mL and 0.5-gallon increments in 10L and 1000mL/ 1-gallon increments in 20L with ± 2% accuracy. 3-layer packaging for cleanroom use.

Code	Capacity. L	Closure Size mm.	Packing	Price/Pack
581418	10	63	4	25893.00
581419	20	63	2	19629.00

**54 Round Clear Carboy, PC with white PP closure, TPE gasket**

Leakproof, Autoclavable, Transparent and durable. Individually packed. Ideal for preparing media and safe storage and transporting of vaccines, biopharmaceuticals, and other biotech materials in life science industries. It Withstands -130°C to 135°C. Molded-in graduations with 5-L and 1-gallon increments.

Code	Capacity. L	Closure Size mm.	Packing	Price/Pack
583282	10	83B	1	5800.00
583292	20	83B	1	7800.00





55

**55** Wash Bottle, LDPE

Soft and easy to squeeze. Material conforming to US FDA 21 CFR. Ideal for general-purpose solutions like water, soap, dilute acids and dilute bases.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
560010	125	12	531.00	12107.00
560020	250	12	930.00	21204.00
560030	500	6	669.00	15253.00
560040	1000	6	1230.00	28044.00



56

**56** Narrow Mouth Wash Bottle, LDPE with PP closure, and draw tube

Soft and easy to squeeze. Closure and stem molded in one piece. Leakproof. The tip can be cut back to increase flow. Material conforming to US FDA 21 CFR. Ideal for general-purpose solutions like water, soap, dilute acids and dilute bases.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
560050	125	12	624.00	14227.00
560060	250	12	1014.00	23119.00
560070	500	6	756.00	17237.00
560080	1000	6	1350.00	30780.00



57

**57** Wide Mouth Wash Bottle, LDPE with PP closure, and draw tube

Soft and easy to squeeze. Wide mouth for easier filling. Closure and stem molded in one piece. Leakproof. The dispensing tip can be cut back to increase flow. Material conforming to US FDA 21 CFR. Ideal for general-purpose solutions like water, soap, dilute acids and dilute bases.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
560089	250	12	1119.00	25513.00
560090	500	6	849.00	19357.00
560091	1000	6	1488.00	33926.00



58

**58** Wash Bottle New Type, LDPE with PP closure

Soft and easy to squeeze. Wide mouth for easier filling. Closure and stem molded in one piece. Leakproof. The dispensing tip can be cut back to increase flow. Material conforming to US FDA 21 CFR. Ideal for general-purpose solutions like water, soap, dilute acids, and dilute bases.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
561100	125	12	750.00	17100.00
561110	250	12	1278.00	29138.00
561120	500	6	708.00	16142.00
561130	750	6	1023.00	23324.00

For Bulk Pack add suffix A after the Code No.

### 59 Wide Mouth Autoclavable Wash Bottle, PP with Blue PP closure

Soft and squeezable. Specifically designed for repeated autoclaving. Wide mouth for easier filling. Closure and stem molded in one piece. Leakproof. The dispensing tip can be cut back to increase flow. Material conforming to US FDA 21 CFR. Ideal for general-purpose solutions like saline and buffers that may require autoclaving.

Code	Capacity ml.	Packing	Price/Pack	Price/6Packs
620080	500	6	1590.00	9063.00
620090	1000	6	2652.00	15116.00



59

### 60 Self-Venting Labeled Wash Bottle, LDPE with PP closure, and draw tube

Non-metallic, self-venting wash bottle having Chemical name, International Chemical Society (ICS) chemical formula, and Chemical Abstract Service (CAS) number printed on it. Self-venting prevents pressure build-up and eliminates dangerous chemical drip. 562015/563015 having HDPE Closure. Leakproof. The dispensing tip can be cut back to increase flow. Material conforming to US FDA 21 CFR.

Code	Capacity ml.	Chemical	Packing	Price/Pack	Price/12Packs
562010	500	Acetone	6	1344.00	15322.00
562011	500	Distilled Water	6	1344.00	15322.00
562012	500	Isopropanol	6	1344.00	15322.00
562013	500	Ethanol	6	1344.00	15322.00
562014	500	Methanol	6	1344.00	15322.00
562015	500	Sodium Hypochlorite	6	1344.00	15322.00
562020	500	Assorted*	6	1344.00	15322.00
563010	1000	Acetone	6	2355.00	26847.00
563011	1000	Distilled Water	6	2355.00	26847.00
563012	1000	Isopropanol	6	2355.00	26847.00
563013	1000	Ethanol	6	2355.00	26847.00
563014	1000	Methanol	6	2355.00	26847.00
563015	1000	Sodium Hypochlorite	6	2355.00	26847.00
563018	1000	Assorted*	6	2355.00	26847.00

\*Assorted: Includes 1 each of acetone, isopropanol, ethanol, methanol, sodium hypochlorite and distilled water



60

31

### 61 Dropping Bottle, LDPE

Excellent chemical resistance. Accurate and reliable dispensing of a variety of reagents. Repeatedly produce a measured drop, when squeezed. Material conforming to US FDA 21 CFR.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
620010	60	12	444.00	10123.00
620020	120	12	654.00	14911.00



61

### 62 Dropping Bottle, LDPE with PP closure

Excellent chemical resistance. Accurate and reliable dispensing of a variety of reagents. Repeatedly produce a measured drop, when squeezed. Material conforming to US FDA 21 CFR.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
620030	15	12	450.00	10260.00
620040	30	12	552.00	12586.00
620050	60	12	669.00	15253.00
620060	125	12	870.00	19836.00
620070	250	12	1320.00	30096.00



62

For Bulk Pack add suffix A after the Code No.



63/64



65



66



67

### 63 Volumetric Flask Class B, PMP with PP stopper

Class B tolerances per DIN EN ISO 5215. Gravimetrically calibrated "to contain" at 20°C. Tolerate autoclaving without permanently exceeding the tolerance limits. Cleaning at more than 60°C is not recommended to preserve markings.

Code	Capacity ml.	Packing	Price/Pack
322000	10	6	6858.00
322010	25	6	6864.00
322020	50	6	8706.00
322030	100	6	9096.00
322040	250	5	8696.00
322050	500	4	8263.00
322060	1000	3	7110.00

### 64 Volumetric Flask Class A, PMP with PP stopper

Class A tolerances per DIN EN ISO 5215. Gravimetrically calibrated "to contain" at 20°C. Tolerate autoclaving without permanently exceeding tolerance limits. Cleaning at more than 60°C is not recommended to preserve markings. The test certificate includes the mean test value and lot.

Code	Capacity ml.	Packing	Price/Pack
324000	10	1	1409.00
324010	25	1	1476.00
324020	50	1	2097.00
324030	100	1	2380.00
324040	250	1	2808.00
324050	500	1	3047.00
324060	1000	1	3618.00

### 65 Volumetric Flask Class A, PFA with PFA screw cap

Outstanding chemical resistance. Class A tolerances per DIN EN ISO 5215. Calibrated "to contain" at 20°C. Autoclaving will not cause permanent exceeding of the error limits. Cleaning at more than 60°C is not recommended to preserve markings. Test certificate includes mean test value and lot.

Code	Capacity ml.	Packing	Price/Pack
323020	25	1	15565.00
323030	50	1	15995.00
323040	100	1	19849.00
323050	250	1	20636.00
323060	500	1	28489.00

### 66 Volumetric Flask Class B, PP with PP stopper

Class B tolerances per DIN EN ISO 5215. Gravimetrically calibrated "to contain" at 20°C. Tolerate thermal stress up to 60°C without permanently exceeding tolerance limits. Cleaning at more than 60°C is not recommended to preserve markings. Can be autoclaved but accuracy will be affected.

Code	Capacity ml.	Packing	Price / Packs
321010	25	6	4119.00
321011	50	6	5226.00
321012	100	6	5460.00
321013	250	5	5220.00
321014	500	4	4958.00
321015	1000	3	4266.00

### 67 Imhoff Settling Cone, SAN

Designed to determine the volume of settleable matters from known waste effluent. The leakproof closure makes it possible to withdraw sediment for gravimetric analysis and aids in cleaning.

Code	Capacity ml.	Packing	Price/Pack
341000	1000	3	15684.00

### 67A Imhoff Settling Cone Rack, Acrylic

Made of durable acrylic. Holds 3 Imhoff cones.

Code	Places	Packing	Price/Pack
342000	3	1	13920.00

### 68 Measuring Cylinder Class B, PP

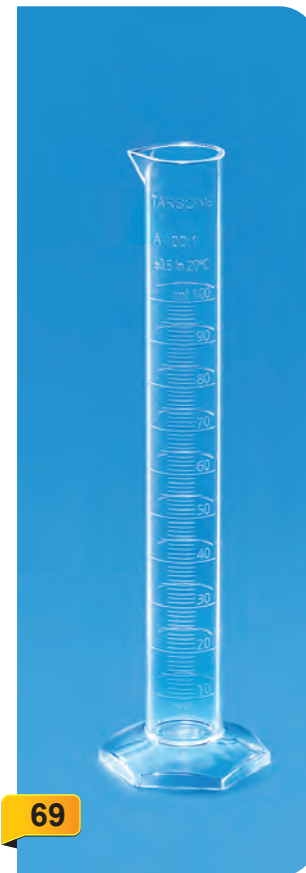
Material conforming to US FDA 21 CFR. Translucent & Graduated. Meet Class B tolerances per DIN 12681 / ISO 6706. PP cylinders can tolerate temperatures of up to 60°C without causing permanent exceeding of tolerance limits. The graduations are ring molded for better reading.

Code	Capacity ml.	Packing	Price/Pack	Price/6Packs
345010	10	12	2097.00	11953.00
345020	25	12	2496.00	14227.00
345030	50	12	2817.00	16057.00
345040	100	6	1803.00	10277.00
345050	250	6	2898.00	16519.00
345060	500	6	3750.00	21375.00
345070	1000	4	3243.00	18485.00
345080	2000	4	7762.00	44243.00

### 69 Measuring Cylinder Class B, PMP

Material conforming to US FDA 21 CFR. Transparent & Graduated. Meet Class B tolerances per DIN 12681 / ISO 6706. PMP cylinders can tolerate temperatures up to 121°C (autoclaving) without permanently exceeding tolerance limits. The graduations are ring molded for better reading.

Code	Capacity ml.	Packing	Price/Pack	Price/6Packs
346010	10	12	3483.00	19853.00
346020	25	12	4632.00	26402.00
346030	50	12	5310.00	30267.00
346040	100	6	3264.00	18605.00
346050	250	6	5220.00	29754.00
346060	500	6	7749.00	44169.00
346070	1000	4	7850.00	44745.00
346080	2000	4	13879.00	79110.00



### 70 Measuring Cylinder Class A, PMP

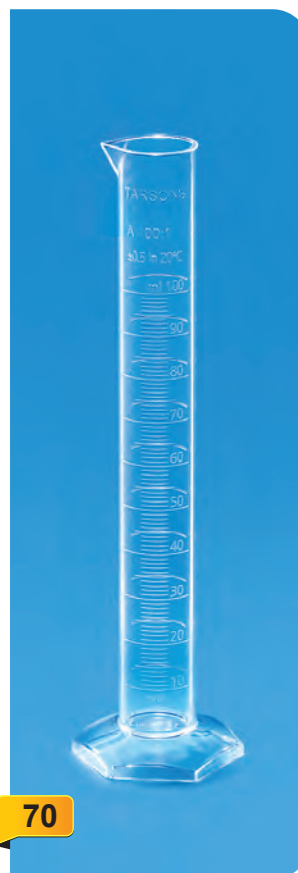
Material conforming to US FDA 21 CFR. Transparent & Graduated. Class A accuracy is individually checked as per DIN 12681 / ISO 6706. Can tolerate temperatures up to 121°C (autoclaving) without permanently exceeding tolerance limits. The graduations are ring molded for better reading. Supplied certificate includes mean test value and lot (lot and year are imprinted on the product)

Code	Capacity ml.	Packing	Price/Pack
343010	10	1	724.00
343020	25	1	965.00
343030	50	1	1100.00
343040	100	1	1367.00
343050	250	1	2168.00
343060	500	1	3193.00
343070	1000	1	4713.00
343080	2000	1	7753.00

### 71 Measuring Cylinder Class B, PP with blue raised graduation

Material conforming to US FDA 21 CFR. Translucent & Graduated. Meet Class B tolerances per DIN 12681 / ISO 6706. PP cylinders can tolerate temperatures of up to 60°C without causing permanent exceeding of tolerance limits. Cleaning at higher than 60°C is not recommended. The graduations are ring molded for better reading.

Code	Capacity ml.	Packing	Price/Pack	Price/6Packs
345011	10	12	4341.00	24744.00
345012	25	12	5766.00	32866.00
345013	50	12	6630.00	37791.00
345014	100	6	4071.00	23205.00
345015	250	6	6504.00	37073.00
345016	500	6	9657.00	55045.00
345017	1000	4	9781.00	55752.00
345018	2000	4	17288.00	98542.00



For Bulk Pack add suffix A after the Code No.



**72 Beaker, PP**

Material conforming to US FDA 21 CFR. Translucent & Autoclavable. Excellent strength and chemical resistance. Easy to read silk-screened graduations. Stackable. Meets ISO/DIN 7056. Not for use on a hot plate

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
421010	50	12	342.00	7798.00
421020	100	12	384.00	8755.00
421040	250	12	681.00	15527.00
421050	500	6	525.00	11970.00
421060	1000	4	721.00	16439.00
421070	2000	4	1269.00	28933.00
421080	5000	2	1554.00	35431.00
421090	10000	1	1364.00	31099.00



**73 Beaker, PMP**

Material conforming to US FDA 21 CFR. Transparent & Autoclavable. Excellent heat tolerance and chemical resistance. Can withstand continuously at 150°C. Easy to read silk-screened graduations. Stackable. Meets ISO/DIN 7056. Not for use on a hot plate.

Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
422000	50	12	708.00	8071.00
422010	100	12	981.00	11183.00
422020	250	12	2040.00	23256.00
422030	500	6	1857.00	21170.00
422040	1000	4	1913.00	21808.00
422050	2000	4	3078.00	35089.00
422060	5000	2	3048.00	34747.00
422070	10000	1	3046.00	34724.00



**74 Measuring Beaker with Handle, PP**

Material conforming to US FDA 21 CFR. Translucent & Autoclavable. Large sturdy handle for safe handling of acids, alkalies, and other dangerous solutions. Excellent strength and chemical resistance. Easy to read silk-screened graduations. Meets ISO/DIN 7056. Not for use on a hot plate.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
431040	100	6	300.00	6840.00
431050	250	6	510.00	11628.00
431060	500	6	906.00	20657.00
431070	1000	4	1192.00	27178.00
431080	2000	4	1790.00	40812.00
431010	3000	4	2375.00	54150.00
431090	5000	2	1969.00	44893.00



**75 Measuring Beaker with Handle, PMP**

Material conforming to US FDA 21 CFR. Transparent & Autoclavable. Excellent heat tolerance and chemical resistance. Can withstand continuously at 150°C. Easy to read silk-screened graduations. Meets ISO/DIN 7056. Not for use on a hot plate.

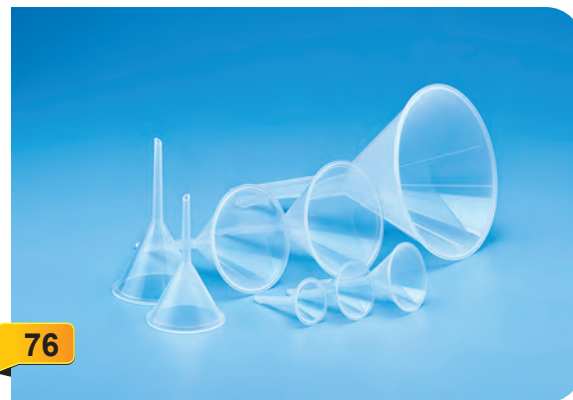
Code	Capacity ml.	Packing	Price/Pack	Price/12Packs
441040	100	6	633.00	7216.00
441050	250	6	1131.00	12893.00
441060	500	6	2046.00	23324.00
441070	1000	4	2398.00	27337.00
441080	2000	4	3539.00	40345.00
441071	3000	4	4636.00	52850.00
441090	5000	2	3100.00	35340.00

For Bulk Pack add suffix A after the Code No.

## 76 Analytical/Long Stem Funnel, PP

Material conforming to US FDA 21 CFR. Autoclavable. Excellent strength and chemical resistance. Designed for use with standard filter paper. The funnel body is at a 60° angle with internal ribs at 58° for rapid filtration. External ribs prevent air locks.

Code	Top Dia mm	Filter Paper Dia	Packing	Price/Pack	Price/6Packs
630010	35	55	36	549.00	3129.00
630020	50	70	36	594.00	3386.00
630030	55	90	36	630.00	3591.00
630040	65	110	36	711.00	4053.00
630050	75	125	36	918.00	5233.00
630060	90	150	12	639.00	3642.00
630070	100	185	12	780.00	4446.00
630090	160	240	6	771.00	4395.00



76

## 77A Funnel Short Stem, PP

Material conforming to US FDA 21 CFR. Autoclavable. Excellent strength and chemical resistance. Designed for use with standard filter paper. The funnel body is at a 60° angle with internal ribs at 58° for rapid filtration. External ribs prevent air locks.

Code	Top Dia mm	Packing	Price/Pack	Price/12Packs
641010	55	100	1040.00	11856.00
641020	65	100	1155.00	13167.00



NEW!

77

## 77B Disposable Funnel Short Stem, PS

Material conforming to US FDA 21 CFR. Non-autoclavable. Designed for use with standard filter paper. External ribs prevent air locks.

Code	Top Dia mm	Packing	Price/Pack	Price/12Packs
658010	55	100	1144.00	13042.00

## 78 Powder Funnel, PP

Material conforming to US FDA 21 CFR. Autoclavable. Excellent strength and chemical resistance. Used for transferring powder. Parallel stem minimizes bridging of powder and external ribs prevent air locks.

Code	Top Dia mm	Packing	Price/Pack	Price/ 6 Packs
650010	65	36	918.00	5233.00
650020	80	36	1296.00	7387.00
650030	100	12	972.00	5540.00
650040	150	6	915.00	5216.00



78

## 79 Large Carboy Funnel, PP

Material conforming to US FDA 21 CFR. Autoclavable. Excellent strength and chemical resistance. Ideal for filling drums, barrels, tanks, and carboys. The smaller sizes have handles on the rim.

Code	Top Dia mm	Packing	Price/Pack	Price/ 6 Packs
642060	200	2	908.00	5176.00
642070	250	2	1534.00	8744.00
642080	350	1	2463.00	14039.00



79





### 80 Plate Stand, Steel base with SS Rod

Ideal for use with an overhead stirrer.

Code	Base size cm.	Rod Length cm	Packing	Price/Pack
141030	20x30	56	1	5725.00
141040	20x30	80	1	6930.00
141050	20x30	100	1	7835.00

### 81 Retort Stand, PP base with SS Rod

Ideal to attach a clamp for titration, distillation, and filtering of samples. Available in both central and side hole.

Code	Lxb cm	Packing	Price/Pack	Price/6 Packs
143010	22x15 central	1	3630.00	20691.00
143020	30x20 central	1	4027.00	22954.00
144010	22x15 side	1	3630.00	20691.00
144020	30x20 side	1	4027.00	22954.00

### 82 Retort Stand, PP base with PE coated Rod

Ideal to attach a clamp for titration, distillation, and filtering of samples. Available in both central and side hole.

Code	Lxb cm	Packing	Price/Pack	Price/6 Packs
141010	22x15 central	1	1442.00	8219.00
141020	30x20 central	1	1825.00	10403.00
142010	22x15 side	1	1442.00	8219.00
142020	30x20 side	1	1825.00	10403.00



### 83 Burette, PMMA/PMP

Unaffected by dilute mineral acids and bases except for HF and  $\text{NH}_4\text{OH}$ . Not designed for alcohol and organic solvents. Durable, excellent for general use, schools, and industrial labs.

Code	Capacity ml.	Packing	Price	Price/ 12 Packs
531010	25	6	2835.00	32319.00
531011	50	6	3465.00	39501.00

### 84 Separatory Funnel, PP with PP closure, and PTFE stopcock

The phase interface is visible. Excellent chemical resistance. The funnel and closure are autoclavable. Susceptible to softening and swelling from strong oxidizers and aggressive solvents. The stopcock is leakproof and lubrication is not required.

Code	Capacity ml.	Packing	Price/Pack
641110	250	2	1086.00
641120	500	2	1430.00

### 85 Burette Clamp, PP

Non-corroding clamps hold burettes firmly in place. Suitable only for up to 50 ml burette.

Code	Types	Packing	Price/Pack	Price/6Packs
121100	Single	6	1461.00	8328.00
121200	Double	6	2013.00	11474.00

85



### 86 Separatory Funnel Holder, PP

Non-corroding funnel holder with a front opening which provides a clear view of the solution and allows unobstructed placement of separating funnel.

Code	Type	Packing	Price/Pack	Price/6 Packs
123000	Single	6	2187.00	12466.00

86



37

### 87 Funnel Holder, PP

Non-corroding funnel holder.

Code	Type	Packing	Price/Pack	Price/6 Packs
122100	Single	6	1461.00	8328.00
122200	Double	6	2013.00	11474.00

87



### 88 Conical Flask, PP

Material conforming to US FDA 21 CFR. Autoclavable.

Code	Capacity ml.	Packing	Price/Pack	Price/24 Packs
441110	100	6	648.00	14774.00
441120	250	6	786.00	17921.00
441130	500	6	1305.00	29754.00

88





**89**

**89 Membrane Filter Holder - 47 mm, PSF**

Material conforming to US FDA 21 CFR. Autoclavable.

Code	Upper Chamber Capacity ml	Lower Chamber Capacity ml	Packing	Price/Pack	Price/ 6 Packs
050010	250	250	1	7602.00	43331.00
050020	500	500	1	9941.00	56664.00
050030	500	1000	1	13445.00	76637.00
050011	Spare Seal Kit for 050010		1	1648.00	9394.00
050021	Spare Seal Kit for 050020 and 050030		1	2019.00	11508.00



**90**

**90 Filter Holder with Funnel, PSF**

Material conforming to US FDA 21 CFR. Autoclavable. Used with filtering flasks or manifold.

Code	Capacity ml.	Packing	Price/Pack	Price/ 6 Packs
050041	250	1	7016.00	39991.00



**91**

**91 Filter Funnel with Clamp for 47 mm membrane, PSF**

Material conforming to US FDA 21 CFR. Autoclavable. Nonbreakable. Used in microbial and particulate analysis. The aluminium clamp allows one-handed operation. Funnels do not leak after repeated autoclaving.

Code	Capacity ml.	Packing	Price/Pack	Price/ 6 Packs
050040	250	1	10817.00	61657.00



**92**

**92 Vacuum Manifold, SS with PTFE stopcock**

Autoclavable. Designed with vacuum outlets each with a leakproof two-way valve and vent port.

Code	Places	Packing	Price/Packs
050070	1	1	35078.00
050050	3	1	84770.00
050080	6	1	163689.00

### 93 Reusable Bottle Top Filter, PSF

Autoclavable. Filter housing can be screwed onto a standard glass media bottle with a 45 mm neck size. The removable membrane support plate is designed to provide maximum flow rate and throughput. This unit does not include a glass media bottle.

Code	Capacity ml.	Packing	Price/Pack	Price/ 6 Packs
050060	250	1	7892.00	44984.00
050061	500	1	9354.00	53318.00



93

### 94 Filtering Flask, PP

Material conforming to US FDA 21 CFR. Autoclavable.

Code	Capacity ml.	Packing	Price/Pack
442110	500	2	772.00
442120	1000	2	1224.00
442130	1500	2	1534.00



94

### 95 In Line Filter Holder 47 mm, PSF

Material conforming to US FDA 21 CFR. Autoclavable. Used for in-line removal of particles or microbial contaminants from liquids and gases. Tubing connectors accept 9.5 mm I.D. tubing and can be replaced by a Luer-Lok fitting enabling it to be used with a syringe.

Code	Size mm	Packing	Price/Pack	Price/ 6 Packs
521080	47	1	5702.00	32501.00



95/96

### 96 Open Faced Filter Holder, PSF

Used for open space sampling of air for particles and micro organisms, for sampling aerosols and environment. The unit can be used for vacuum filtration only. Tubing connector accepts 9.5 mm I.D. tubing.

Code	Size mm	Packing	Price/Pack	Price/ 6 Packs
521070	47	1	5553.00	31652.00

### 97 Syringe Filter, PSF

Material conforming to US FDA 21 CFR. Autoclavable.

Code	Size mm	Packing	Price/Pack	Price/ 6 Packs
521090	25	2	2659.00	15156.00



97

## Cellpette™ Serological pipette, Sterile.

- Sterile, free of detectable pyrogens, RNase & DNase, non-cytotoxic.
- Material: Ultra-pure virgin Polystyrene with aerosol-resistant polyethylene filter.
- Ideal for cell culture, microbial culture, and other research applications.



### 98 Cellpette™, Sterile

Individually wrapped in thermoformed Paper/Plastic peel pack.

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940011	1	Yellow	1/100	800 pcs. (4x200 pcs)	8696.00	49567.00
940021	2	Green	1/50	600 pcs. (4x150 pcs)	7116.00	40561.00
940031	5	Blue	1/10	400 pcs. (4x100 pcs)	7508.00	42796.00
940041	10	Orange	1/10	400 pcs. (4x100 pcs)	7904.00	45053.00
940051	25	Red	1/5	200 pcs. (4x50 pcs)	9346.00	53272.00
940061	50	Purple	1/2	160 pcs. (4x40 pcs)	14400.00	82080.00



### 99 Cellpette™, Sterile

Individually wrapped in thermoformed Plastic/Plastic peel pack.

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940012	1	Yellow	1/100	800 pcs. (4x200 pcs)	10000.00	57000.00
940022	2	Green	1/50	600 pcs. (4x150 pcs)	8184.00	46649.00
940032	5	Blue	1/10	400 pcs. (4x100 pcs)	8636.00	49225.00
940042	10	Orange	1/10	400 pcs. (4x100 pcs)	9088.00	51802.00
940052	25	Red	1/5	200 pcs. (4x50 pcs)	10748.00	61264.00
940062	50	Purple	1/2	160 pcs. (4x40 pcs)	16560.00	94392.00

For Bulk Pack add suffix A after the Code No.

**100** Cellpette™, Sterile

Bulk Pack

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940013	1	Yellow	1/100	400 pcs. (8X50pcs)	3912.00	22298.00
940023	2	Green	1/50	400 pcs. (8X50pcs)	4268.00	24328.00
940033	5	Blue	1/10	200 pcs. (8X25pcs)	3378.00	19255.00
940043	10	Orange	1/10	150 pcs. (6X25pcs)	2667.00	15202.00
940053	25	Red	2/10	60 pcs. (6X10pcs)	2526.00	14387.00



**101** Open End Cellpette™, Sterile

Individually wrapped in thermoformed Paper/Plastic peel pack.

Ideal for use with high-viscosity liquids. Fast fill and release. Used with oils, cosmetics, paint, sludge, food, and cell culture applications.

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940014	1	Yellow	1/100	800 pcs. (4X200pcs)	7824.00	44597.00
940024	2	Green	1/50	600 pcs. (4X150pcs)	6402.00	36491.00
940034	5	Blue	1/10	400 pcs. (4X100pcs)	6756.00	38509.00
940044	10	Orange	1/10	400 pcs. (4X100pcs)	7112.00	40538.00



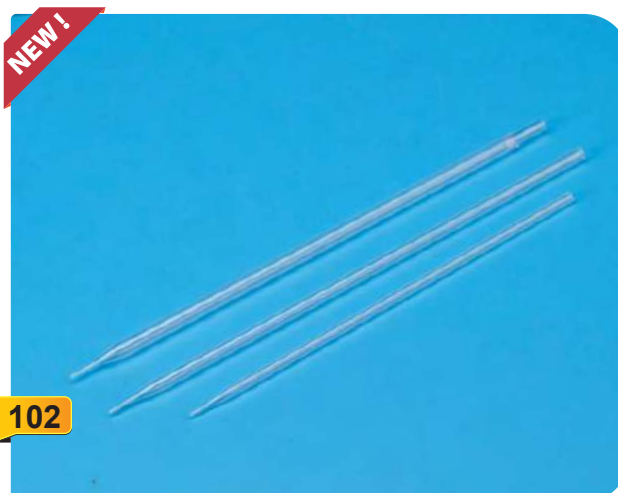
**102** Aspirating Cellpette™, Sterile

Individually wrapped in thermoformed Paper/Plastic peel pack.

**Without aerosol-resistant polyethylene filter.**

Economical, non-graduated, non-filtered pipettes. Ideal choice where precise measurement of transfer is not required. Safe alternative to glass aspirating pipettes.

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940025	2	No Color	Non-graduated	600 pcs. (4x150 pcs)	6048.00	34474.00
940035	5			400 pcs. (4x100 pcs)	6380.00	36366.00
940045	10			400 pcs. (4x100 pcs)	6720.00	38304.00



For Bulk Pack add suffix A after the Code No.

**103** Bacteriological Cellpette™, Sterile

Available in single Paper/Plastic peel pack OR 25pcs /plastic bag.

Designed for use in the dairy market. Meet the Standard Methods for the Analysis of Dairy Products, APHA. Calibrated to deliver (TD) at +/-2%

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940016	1.1 single packs	Yellow	0/000	800 pcs. (4x200 pcs)	8696.00	49567.00
940026	1.1 (25/pack)	Green		800 pcs. (16x50pcs)	7824.00	44597.00
940036	2.2 (single packs)	Blue		600 pcs. (4x150 pcs)	7116.00	40561.00
940046	2.2 (25/pack)	Orange		600 pcs. (12x50 pcs)	6402.00	36491.00



42

**104** Cellpette™, Sterile, Triple-bagged

Individually wrapped Paper/Plastic peel packs are further packed in triple-bag.

Ideal for cell-based vaccine and drug production facilities, or another cleanroom laboratory for cell culture, microbial culture, and other research applications.

Code	Capacity mL.	Color code	Graduation (mL)	Packing	Price/Pack	Price/ 6 Pack
940017	1	Yellow	1/100	800 pcs. (16x50pcs)	9568.00	54538.00
940027	2	Green	1/50	600 pcs. (12x50pcs)	7830.00	44631.00
940037	5	Blue	1/10	400 pcs. (16x25pcs)	8260.00	47082.00
940047	10	Orange	1/10	400 pcs. (16x25pcs)	8696.00	49567.00
940057	25	Red	1/5	200 pcs. (20x10pcs)	10280.00	58596.00
940067	50	Purple	1/2	150 pcs. (15x10pcs)	14850.00	84645.00



For Bulk Pack add suffix A after the Code No.



**105 Steripette Pro**

Lightweight and UV resistant with Lithium Ion Battery. A cordless pipette controller provides the power and responsiveness you need. Whether working with large or small volumes, or standards or viscous solutions, it allows accurate, precise measurement with easy two-speed fingertip control. Choose from the fast transfer, slow and controlled aspiration and deliveries, or a combination of speeds. There are no dials to adjust, and the gravity-drain feature releases liquids smoothly with no utilization of battery power.

Code	Description	Packing	Price/Pack	Price/ 4 Packs
2040X	Steripette Pro	1	33986.00	129147.00
2041X	Spare Filter	3	2457.00	9337.00

**106A Pasteur pipette, LDPE**

Excellent chemical resistance. Graduated and provide good clarity for easy liquid-level observation. Suitable for drawing, dispensing, transferring, and mixing various volumes of liquid.

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
940070	1	500	814.00	18559.00
940050	3	500	851.00	19403.00



**106A**

**106B PurePack Pasteur pipette Sterile, LDPE**

Individually wrapped in thermoformed Paper/Plastic peel pack. Radiation sterile. Excellent chemical resistance. Graduated and provide good clarity for easy liquid-level observation. Suitable for drawing, dispensing, transferring, and mixing various volumes of liquid.

Code	Capacity ml	Packing	Price/Pack	Price/24 Packs
520063	1	500	2832.00	64570.00
520064	3	500	2878.00	65618.00



**106B**

For Bulk Pack add suffix A after the Code No.





107

### 107 Pipette Controller, PP/Silicone

Pipette Controller offers safer, more convenient filling and dispensing for glass and plastic pipettes from 1 ml to 100 ml pipettes. Pull the side lever when vacuum is needed. A single rocker switch accurately controls aspiration and dispensing. Disposable, in-line filter prevents contamination.

Code	Capacity ml.	Price/Pack
2010	1-100	4927.00



108

### 108 Handypette Pipette Aid, PP / Silicone

Resistant to acids and alkalis. Users can easily insert glass/plastic pipettes into the collar with their fingers. To draw liquid, rotate the thumbwheel. To release liquid, apply light pressure to the fast-release lever. For gradual dispensing rotate the thumb wheel.

Code	Capacity ml.	Packing	Price/Pack
032000	10	4	3927.00
033000	25	4	4343.00



109

### 109 Pipette Bulb, PP / Natural Rubber

Simple pipetting aid made of natural rubber. Universal model. Ideal for use with serological pipettes up to 100 ml. Operates with 3 valves: Valve A: Release air, Valve S: Filling, Valve E: Delivery

Code	Capacity ml.	Packing	Price/Pack
034000	Upto 100	4	3687.00



110

### 110A Pipette Storage Rack with magnet, ABS

Scratch resistant and easily cleaned. Each Rod includes two accessory attachment to hold pipette filter and pipette blub. Racks hold 1 ml to 25 ml pipette in bulk packs or in common sizes of cans. They feature 4 angled compartments for easy loading and retrieval. Unique "windows" allow viewing of enclosed pipettes to determine supply level.

Code	Packing	Price/Pack	Price/ 6 Packs
161050	1	3834.00	21854.00

### 110B Pipette Storage Rack without magnet, ABS

Code	Packing	Price/Pack	Price/ 6 Packs
161060	1	2584.00	14729.00

**111** Pipette Rack Horizontal, PP

Autoclavable

Code	Places	Packing	Price/Pack	Price/ 6 Packs
162010	12	6	1596.00	9097.00



111

**112** Pipette Stand Vertica, PP

Autoclavable

Code	Places	Packing	Price/Pack	Price/12Packs
161010	28	1	920.00	10488.00

Outer Diameter is 237 mm and Height is 453 mm



112

**113** Rotary Pipette Stand Vertica, PPI

Autoclavable

Code	Places	Packing	Price/Pack	Price/12Packs
161040	94	1	1079.00	12301.00

Outer Diameter is 230 mm and Height is 450 mm



113

**114** Pipette Washer, PP

Place the pipettes inside the inner cylinder and insert the inner cylinder within the outer cylinder. Attach to the water inlet and direct drain tubing into the drain outlet. Turn on your water source to start washing. If you want to soak it, just turn off the inlet connection.

Code	Pipette length	Packing	Price/Pack	Price/ 6 Packs
160010	40 cm	1	10395.00	59252.00



114



The Digital Burette has a recirculating valve and double piston pump for permanent and pulse free dispensing technique which allows the desired volume to be dispensed continuously thus eliminating the need for new liquid aspiration each time.

The medium is dispensed by simply rotating the wheels with a dispensing rate of 2,500/5000  $\mu$ l per rotation. The display ranges from 0.01 ml to 999.9 ml. The 360° rotatable discharges tube can be horizontally set from 142-200 mm and vertically from 210-370 mm.

**115** Digital Burette

Code	Type	Volume/Turn $\mu$ l	Packing	Price/Pack
531000	Titertop E	2500	1	96551.00
531001	Titertop RS	5000	1	96551.00

These autoclavable Bottle Top dispensers are used for taking accurate aliquots of liquid from a large bottle. These are very useful and important when handling aggressive liquids such as solvents ensuring safety and avoiding wastage. The recirculating valve in Masterpense Dispenser allows recirculating during Priming, to avoid risk of splashes caused by air bubbles during priming and also avoids reagent waste. Valve control knobs indicates the valve position. These dispenser comes with 3 thread adaptors and telescopic intake tubes.



### 116 Accupense Bottle Top Dispenser

Code	Capacity ml.	Packing	Price/Pack
050090	0.2-2.0	1	32716.00
050091	0.5-5	1	32716.00
050092	1-10	1	32716.00
050093	2.5-25	1	47079.00
050094	5-50	1	48674.00
050095	20-100	1	65432.00

### 117 Masterpense Bottle Top Dispenser

Volume Range	Dispensing Step	Inaccuracy	Imprecision
0.2-2.0ml	0.05ml.	±0.6%	≤0.1%
0.5-5ml.	0.10ml.	±0.5%	≤0.1%
1-10ml.	0.20ml.	±0.5%	≤0.1%
2.5-25ml.	0.50ml.	±0.5%	≤0.1%
5-50ml.	1.00ml.	±0.5%	≤0.1%
20-100ml.	2.00ml.	±0.5%	≤0.1%

Code	Capacity ml.	Packing	Price/Pack
051190	0.2-2.0	1	36706.00
051191	0.5-5	1	36706.00
051192	1-10	1	36706.00
051193	2.5-25	1	49632.00
051194	5-50	1	51867.00
051195	20-100	1	68330.00

Test Condition Liquid distilled Water Reference Temp 25 °C - 27 °C

- Rugged construction
- Extremely smooth Piston movement
- Autoclavable Tip Ejector & Tip holder
- Easy to maintain
- Individual factory calibration certificate with each FIXAPETTE



**118** FIXAPETTE™ - Fixed Volume Pipette

Material: PVDF/ABS/SS

Code	Capacity ul.	Model	Packing	Price/Pack	Price/6Packs
031010	2	F2	1	2018.00	11503.00
031020	5	F5	1	2018.00	11503.00
031030	10	F10	1	2018.00	11503.00
031040	20	F20	1	2018.00	11503.00
031050	25	F25	1	2018.00	11503.00
031060	50	F50	1	2018.00	11503.00
031070	100	F100	1	2018.00	11503.00
031080	200	F200	1	2018.00	11503.00
031090	250	F250	1	2018.00	11503.00
031100	300	F300	1	2018.00	11503.00
031110	400	F400	1	2018.00	11503.00
031120	500	F500	1	2018.00	11503.00
031130	1000	F1000	1	2018.00	11503.00

For Bulk Pack add suffix A after the Code No.



**119**

**119** Pipettor Stand

Material : PMMA

Code	Place	Packing	Price/Pack
030080	5	1	3308.00

- Rugged construction
- Extremely smooth Piston movement
- Autoclavable Tip Ejector & Tip holder
- Easy to maintain
- Individual factory calibration certificate with each ACCUIPETTE
- T 5000 and T 10ml does not have Tip Ejector



**120 ACCUIPETTE™ - Variable Volume Pipette**

Material: PVDF/ABS/SS

Code	Capacity ul.	Model	Packing	Price/Pack	Price/6Packs
030000	0.5-2	T2	1	6374.00	34420.00
030010	1-10	T10	1	6374.00	34420.00
030020	2-20	T20	1	6374.00	34420.00
030030	10-100	T100	1	6374.00	34420.00
030040	20-200	T200	1	6374.00	34420.00
030050	200-1000	T1000	1	6374.00	34420.00
030060	1000-5000	T5000	1	6374.00	34420.00
030070	1000-10000	T10ml	1	6374.00	34420.00

For Bulk Pack add suffix A after the Code No.

**Starter Kit**

Code	Model	Packing	Price/Pack
030090	1 each of T2, T10, T20, T100, T200, T1000	1 Set	32778.00

T2	T10	T20	T100	T200	T1000	T5000	T10 ml
2	1	2	1	2	1	0	1
0	0	0	0	0	0	5	0
0	0	0	0	0	0	0	0
2 µl	10 µl	20 µl	100 µl	200 µl	1 ml	5 ml	10 ml

\*T5000 & T10ml. comes without Tip Ejector

Specifications			
Model	Volume µl	Accuracy %	Precision %
T2	0.5	± 5.0	< 2.5
	1.0	± 2.5	< 1.5
	2.0	± 1.5	< 0.7
T10	1	± 2.5	< 1.2
	5	± 1.5	< 0.6
	10	± 1.0	< 0.4
T20	2	± 5.0	< 1.5
	10	± 1.0	< 0.5
	20	± 1.0	< 0.3
T100	10	± 3.0	< 1.0
	50	± 1.0	< 0.3
	100	± 0.8	< 0.2
T200	20	± 2.5	< 0.7
	100	± 1.0	< 0.3
	200	± 0.6	< 0.2
T1000	100	± 3.0	< 0.6
	500	± 1.0	< 0.2
	1000	± 0.6	< 0.2
T5000	1000	± 1.2	< 0.3
	2500	± 0.6	< 0.3
	5000	± 0.6	< 0.2

**121** 8 Channel Pipette ( non Autoclavable)

Code	Capacity ul.	Increment ul.	Packing	Price/Pack
032010	0.5-10	0.1	1	22284.00
032011	5- 50	1	1	22284.00
032012	50-300	5	1	22284.00

**122** 12 Channel Pipette ( non Autoclavable)

Code	Capacity ul.	Increment ul.	Packing	Price/Pack
032020	0.5-10	0.1	1	23594.00
032021	5- 50	0.5	1	23594.00
032022	50-300	5	1	23594.00



Specifications					
Model	Volume ul	Increment	Test Volume	Inaccuracy±	Imprecision±
8 Channel Pipette	0.5-10µl	0.1µl	10µl	1.50%	1.50%
			5µl	2.50%	2.50%
			1µl	4.00%	4.00%
	5-50µl	0.5µl	10µl	1.00%	0.50%
			5µl	1.50%	1.00%
			1µl	3.00%	2.00%
	50-300µl	5µl	10µl	0.70%	0.25%
			5µl	1.00%	0.50%
			1µl	1.50%	0.80%
12 Channel Pipette	0.5-10µl	0.1µl	10µl	1.50%	1.50%
			5µl	2.50%	2.50%
			1µl	4.00%	4.00%
	5-50µl	0.5µl	10µl	1.00%	0.50%
			5µl	1.50%	1.00%
			1µl	3.00%	2.00%
	50-300µl	5µl	10µl	0.70%	0.25%
			5µl	1.00%	0.50%
			1µl	1.50%	0.80%

**123 Universal MicroTip Box - for TARSONS TIPS**

Material : PP conforming to US FDA 21 CFR Autoclavable

Code	Place	Capacity µl	Packing	Price/Pack	Price/ 24Packs
524052	96	0.2-10	10	1756.00	40037.00
524053	96	2-200	10	1756.00	40037.00
524059	96	200-1000	10	2255.00	51414.00

\*524052 accepts tarsons Cat 521000 and 521050

\*524053 accepts tarsons Cat 521010,521014,521015 and 521019

\*524059 accepts tarsons Cat 521020X,521016,521040 and 521017

**Micro Tip Box**

Material : PP Autoclavable

Code	Place	Capacity	Packing	Price/Pack	Price/ 24Packs
524055	96	1250XL	10	2436.00	55541.00

**124 Macro Tips**

Material: PP, Free of detectable DNase, RNase and Pyrogen.

Code	Capacity	Packing	Price/Pack	Price/24Packs
521031	5 ml Grad Eppendorf®	100	564.00	12859.00
521032	Tip 5 ml Tarsons/Gilson®	100	564.00	12859.00
521036	5 ml Thermo®	100	564.00	12859.00
521033	Tip 10 ml	100	1128.00	25718.00
521034	Tip 10 ml XL	100	1491.00	33995.00

**Macro Tip Box**

Material : PP Autoclavable

Code	Capacity	Places	Packing	Price/Pack	Price/ 6Packs
524056	5ml Gilson®	18	2	1268.00	7228.00
524057	5ml Eppendorf®	18	2	1268.00	7228.00
524058	10ml	18	2	1268.00	7228.00

**125 Sterile Disposable Reagent Reservoir**

Material : HIPS

Code	Volume	Pack	Price/ Pack	Price/ 6Packs
524094	25 ml	100	13000.00	74100.00

**126 Reagent Reservoir**

Material : PP Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/ 24 Packs
524090	75	12	1332.00	30370.00

**127 Universal Reagent Reservoir**

Material : PP Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/ 24 Packs
524091	50	6	978.00	22298.00

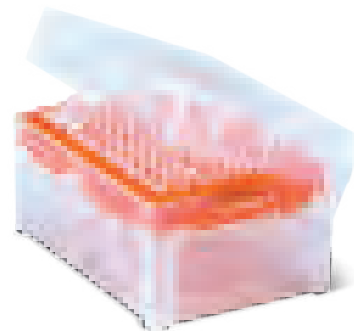
For Bulk Pack add suffix A after the Code No.





### Micro Tips

**Material :** Virgin hydrophobic polypropylene conforming to US FDA 21 CFR, autoclavable, free of lubricants, dyes and heavy metals.  
Free of detectable DNase, RNase and Pyrogen.



Capacity µL	Length mm	Compatibility	Bulk	Racked	Racked Sterile
10 (Grad Mark: 2.5,10)	34	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521000	521100	522100
10XL (Grad 1,5,10,20)	43.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521050	521108	522108
200 Beveled (No Grad)	50.8	Biohit®, Eppendorf®, Finnpiquette®, Nichiryo®, Rainin®, Tarsons®	521010	-	-
200 Beveled Yellow (No Grad)	50.8	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521010-Y	-	-
200 (Grad Mark: 10,50,100)	52.7	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521014	521101	522101
200 Yellow (Grad Mark: 10,50,100)	52.7	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521014-Y	521101-Y	522101-Y
250 (Grad Mark: 10,50,100,200)	54.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521019	521107	522109
300 (Grad Mark: 50,100,200)	55	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	521015	521102	522102
1000 Beveled (Grad Mark: 250,500,1000)	75.3	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521020X	-	-
1000 Beveled Blue (Grad Mark: 250,500,1000)	75.3	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521020XB	-	-
1000 (Grad Mark: 100,500)	70.6	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521016	521103	522103
1000 Blue (Grad Mark: 100,500)	70.6	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521016-B	521103-B	522103-B
1000 Wide Bore (No Grad)	73.4	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521017	-	-
1250 (No Grad)	75.5	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521040	521104	522104
1250XL (Grad Mark: 200,500,1000)	97.9	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	521018	521111	522105

**128** MicroTips

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/96Packs
521000	10 Ref.	1000	608.00	55450.00
521050	10XL Ref.	1000	608.00	55450.00
521010	200	1000	495.00	45144.00
521010Y	200(Yellow)	1000	495.00	45144.00
521014	200 Ref.	1000	495.00	45144.00
521014Y	200 Ref. (Yellow)	1000	495.00	45144.00
521015	300 Ref.	1000	618.00	56362.00
521019	250 Ref.	1000	505.00	46056.00
521020X	1000 Ref. Bev	500	366.00	33379.00
521020XB	1000(Blue) Ref. Bev	500	366.00	33379.00
521016	1000 Ref.	500	366.00	33379.00
521016B	1000 Ref. (Blue)	500	366.00	33379.00
521017	1000 Wide Bore	500	561.00	51163.00
521040	1250	500	427.00	38942.00
521018	1250XL Ref.	500	530.00	48336.00



10 ul



10 ul XL



200 ul Beveled



200 ul Graduated



300 ul Graduated



1000 ul



1000 ul Graduated



1000 ul Wide Bore



1250 ul

**129** Racked Graduated Tips

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/10Packs
521100	10	960 (10Racks)	2218.00	21071.00
521108	10XL	960 (10Racks)	2218.00	21071.00
521101	200	960 (10Racks)	2258.00	21451.00
521101Y	200 (Yellow)	960 (10Racks)	2258.00	21451.00
521107	250	960 (10Racks)	2258.00	21451.00
521102	300	960 (10Racks)	2258.00	21451.00
521103	1000	960 (10Racks)	2457.00	23342.00
521103B	1000(Blue)	960 (10Racks)	2457.00	23342.00
521104	1250*	960 (10Racks)	2457.00	23342.00
521111	1250XL	960 (10Racks)	2650.00	25175.00

**130** Racked Graduated Tips - Radiation Sterile

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/10Packs
522100	10	960 (10Racks)	2724.00	25878.00
522108	10XL	960 (10Racks)	2676.00	25422.00
522101	200	960 (10Racks)	2725.00	25888.00
522101Y	200 (Yellow)	960 (10Racks)	2725.00	25888.00
522109	250	960 (10Racks)	2725.00	25888.00
522102	300	960 (10Racks)	2725.00	25888.00
522103	1000	960 (10Racks)	3027.00	28757.00
522103B	1000(Blue)	960 (10Racks)	3027.00	28757.00
522104	1250*	960 (10Racks)	3027.00	28757.00
522105	1250XL	960 (10Racks)	3207.00	30467.00

For Bulk Pack add suffix A after the Code No.

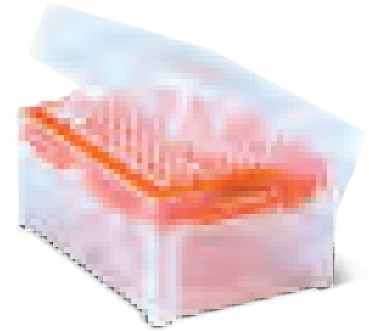
Ref. : Tips are graduated Tips. Graduation marks visually confirm the accuracy of pipettors.

XL are extralong tips.

\*521104 and 522104 are nongraduated.

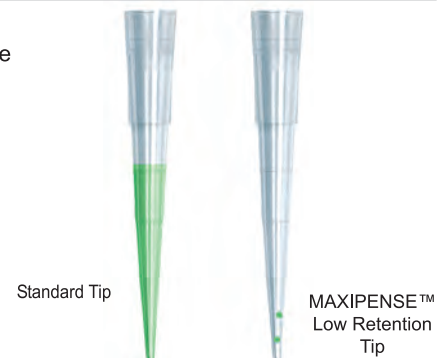
MAXIPENSE™ Low Retention Tips

**Material :** Virgin hydrophobic polypropylene conforming to US FDA 21 CFR, autoclavable, free of lubricants, dyes and heavy metals. Free of detectable DNase, RNase and Pyrogen.



Capacity µL	Length mm	Compatibility	Bulk Non Sterile	Racked Non Sterile	Racked Sterile
10 (Grad Mark: 2.5,10)	34	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523100	524100	526100
10XL (Grad Mark: 1,5,10,20)	43.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523109	524108	526108
200 Beveled (No Grad)	50.8	Biohit®, Eppendorf®, Finnpiquette®, Nichiryo®, Rainin®, Tarsons®	523101	-	-
200 (Grad Mark: 10,50,100)	52.7	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523102	524101	526101
250 (Grad Mark: 10,50,100,200)	54.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523108	524109	526109
300 (Grad Mark: 50,100,200)	55	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	523103	524102	526102
1000 Beveled (Grad Mark: 100,500)	70.9	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523104	-	-
1000 (Grad Mark: 100,500)	70.6	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523105	524103	526103
1000 Wide Bore (No Grad)	73.4	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523106	-	-
1250 (No Grad)	75.5	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523107	524104	526104
1250 XL (Grad Mark: 200,500,1000))	97.9	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	523200	524105	526105

- MAXIPENSE™ low retention surface is achieved by treatment on molecular level, modifying the surface of the polymer with very low co-efficient of friction which is not effected by radiation or autoclaving
- These tips are not coated and are free from any additives which might contaminate your valuable sample, thus eliminates the loss of expensive reagents and having very high reproducible results
- Very useful for sensitive PCR® and real time PCR® applications
- Free of detectable DNase, RNase and Pyrogen.



**131** MAXIPENSE™ Low Retention Tips

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/24Packs
523100	10	1000	1051.00	23963.00
523109	10 XL	1000	1051.00	23963.00
523101	200	1000	1298.00	29594.00
523102	200 Graduated	1000	1298.00	29594.00
523108	250	1000	1421.00	32399.00
523103	300 Graduated	1000	1185.00	27018.00
523104	1000	500	814.00	18559.00
523105	1000 Graduated	500	814.00	18559.00
523106	1000 Graduated Wide Bore	500	814.00	18559.00
523107	1250	500	814.00	18559.00
523200	1250 XL	500	1071.00	24419.00



10 ul



10 ul XL



200 ul Beveled



200 ul Graduated



300 ul Graduated



1000 ul



1000 ul Graduated



1000 ul Wide Bore



1250 ul

**132** Racked MAXIPENSE™ Low Retention Tips

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/10Packs
524100	10 Graduated	960 (10Racks)	3014.00	28633.00
524108	10 XL Graduated	960 (10Racks)	3014.00	28633.00
524101	200 Graduated	960 (10Racks)	3074.00	29203.00
524109	250 Graduated	960 (10Racks)	3074.00	29203.00
524102	300 Graduated	960 (10Racks)	3074.00	29203.00
524103	1000 Graduated	960 (10Racks)	3462.00	32889.00
524104	1250	960 (10Racks)	3462.00	32889.00
524105	1250XL	960 (10Racks)	3870.00	36765.00

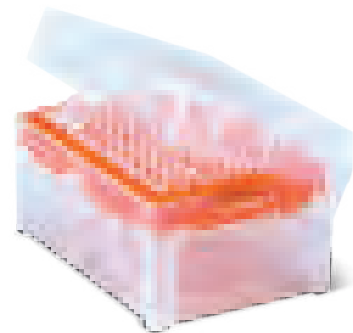
**133** Racked MAXIPENSE™ Low Retention Tips - Sterile

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/10Packs
526100	10 Graduated	960 (10Racks)	3494.00	33193.00
526108	10XL Graduated	960 (10Racks)	3494.00	33193.00
526101	200 Graduated	960 (10Racks)	3559.00	33811.00
526109	250 Graduated	960 (10Racks)	3559.00	33811.00
526102	300 Graduated	960 (10Racks)	3559.00	33811.00
526103	1000 Graduated	960 (10Racks)	4088.00	38836.00
526104	1250	960 (10Racks)	4088.00	38836.00
526105	1250XL	960 (10Racks)	4510.00	42845.00

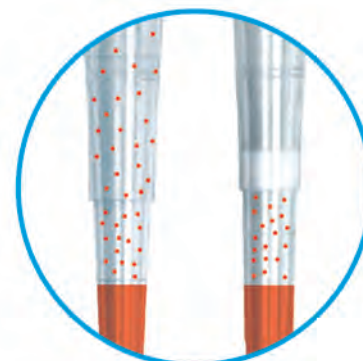
### Filter Tips

**Material :** Virgin hydrophobic polypropylene conforming to US FDA 21 CFR, autoclavable, free of lubricants, dyes and heavy metals. Free of detectable DNase, RNase and Pyrogen.



Capacity $\mu$ L	Length mm	Compatibility	Filter Bulk	Filter MAXIPENSE™ Bulk	Filter Racked	Filter MAXIPENSE™ Racked Sterile
10 (Grad Mark: 2.5,10)	34	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527100	526111	528100	529100
10XL (Grad Mark: 1,5,10,20)	43.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527108	526112	528108	529108
20 (Grad Mark: 10)	52.7	Biohit®, Eppendorf®, Finnpiquette®, Nichiryo®, Rainin®, Tarsons®	527101	526113	528101	529101
50 (Grad Mark: 10,50)	54.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527102	526114	528102	529102
100 (Grad Mark: 10,50,100)	54.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527103	526115	528103	529103
200 (Grad Mark: 10,50,100,200)	54.9	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527104	526116	528104	529104
300 (Grad Mark: 50,100,200)	55	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527105	526117	528105	529105
1000 (No Grad)	75.4	Biohit®, Eppendorf®, Finnpiquette®, Gilson®, Nichiryo®, Rainin®, Tarsons®	527106	526118	528106	529106
1250XL (Grad Mark: 200,500,1000)	97.9	Eppendorf®, Finnpiquette®, Gilson®, Tarsons®	527107	526119	528107	529107

- TARSONS filter tips have hydrophobic polyethylene filter which protects samples and pipettes from contamination occurring due to Aerosol transfer
- Autoclavable filter tips are used for PCR®, Molecular Biology, Microbiology, Cell Culture and radio active work
- Free of detectable DNase, RNase and Pyrogen.



Standard Tip

Filter Tip

### 134 Filter Pipette Tips - Bulk Pack

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/24Packs
527100	10	1000	2616.00	59645.00
527108	10XL	1000	2616.00	59645.00
527101	20	1000	2833.00	64592.00
527102	50	1000	2833.00	64592.00
527103	100	1000	2833.00	64592.00
527104	200	1000	2833.00	64592.00
527105	300	1000	2833.00	64592.00
527106	1000	500	1808.00	41222.00
527107	1250XL	500	2292.00	52258.00



### 135 Racked Filter Tips Sterile

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/10Packs
528100	10	960 (10 racks)	4556.00	43282.00
528108	10XL	960 (10 racks)	4678.00	44441.00
528101	20	960 (10 racks)	4556.00	43282.00
528102	50	960 (10 racks)	4556.00	43282.00
528103	100	960 (10 racks)	4556.00	43282.00
528104	200	960 (10 racks)	4556.00	43282.00
528105	300	960 (10 racks)	4556.00	43282.00
528106	1000	960 (10 racks)	5249.00	49866.00
528107	1250XL	960 (10 racks)	5603.00	53229.00



10 ul



10 ul XL



20 ul



50 ul



100 ul



200 ul



300 ul



1000 ul

### 136 Filter MAXIPENSE™ Low Retention Tips

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/24Packs
526111	10	1000	3399.00	77497.00
526112	10XL	1000	3512.00	80074.00
526113	20	1000	3636.00	82901.00
526114	50	1000	3636.00	82901.00
526115	100	1000	3636.00	82901.00
526116	200	1000	3636.00	82901.00
526117	300	1000	3636.00	82901.00
526118	1000	500	2209.00	50365.00
526119	1250XL	500	2884.00	65755.00

### 137 Racked Filter MAXIPENSE™ Low Retention Tips Sterile

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/10Packs
529100	Racked Maxipense Filter Tips Sterile 10	960 (10Racks)	5956.00	56582.00
529108	Racked Maxipense Filter Tips Sterile 10XL	960 (10Racks)	6080.00	57760.00
529101	Racked Maxipense Filter Tips Sterile 20	960 (10Racks)	5956.00	56582.00
529102	Racked Maxipense Filter Tips Sterile 50	960 (10Racks)	5956.00	56582.00
529103	Racked Maxipense Filter Tips Sterile 100	960 (10Racks)	5956.00	56582.00
529104	Racked Maxipense Filter tips Sterile 200	960 (10Racks)	5956.00	56582.00
529105	racked Maxipense Filter Tips Sterile 300	960 (10Racks)	5956.00	56582.00
529106	Racked Maxipense Filter Tips Sterile 1000	960 (10Racks)	6617.00	62862.00
529107	1250 XL	960 (10Racks)	7472.00	70984.00



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### 138 Graduated Tip Reload

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity $\mu$ l	Packing	Price/Pack	Price/10Packs
521105	10	960(10Racks)	1541.00	14640.00
521106	200	960(10Racks)	1541.00	14640.00
521110	10XL	960(10Racks)	1628.00	15466.00
521109	300	960(10Racks)	1541.00	14640.00
521126	1000	960(10Racks)	1676.00	15922.00



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### 139 MAXIPENSE™ Graduated Tips Reload

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity $\mu$ l	Packing	Price/Pack	Price/10Packs
521116	10	960(10Racks)	2099.00	19941.00
521117	10ul XL	960(10Racks)	2182.00	20729.00
521118	200	960(10Racks)	2099.00	19941.00
521119	300	960(10Racks)	2099.00	19941.00
521120	1000	960(10Racks)	2366.00	22477.00

### 140 PurePack Refill Filter Tips - Sterile

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity $\mu$ l	Packing	Price/Pack	Price/10Packs
523161	10	960(10Racks)	3043.00	28909.00
523162	10XL	960(10Racks)	3148.00	29906.00
523163	20	960(10Racks)	3043.00	28909.00
523164	50	960(10Racks)	3043.00	28909.00
523165	100	960(10Racks)	3043.00	28909.00
523166	200	960(10Racks)	3043.00	28909.00
523167	300	960(10Racks)	3043.00	28909.00
523168	1000	960(10Racks)	3506.00	33307.00



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### 141 PurePack Refill MAXIPENSE™ Filter Tips - Sterile

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity $\mu$ l	Packing	Price/Pack	Price/10Packs
523171	10	960(10Racks)	3977.00	37782.00
523172	10XL	960(10Racks)	4055.00	38523.00
523173	20	960(10Racks)	3977.00	37782.00
523174	50	960(10Racks)	3977.00	37782.00
523175	100	960(10Racks)	3977.00	37782.00
523176	200	960(10Racks)	3977.00	37782.00
523177	300	960(10Racks)	3977.00	37782.00
523178	1000	960(10Racks)	4421.00	42000.00

For Bulk Pack add suffix A after the Code No.

### 142 PurePack Micro Tips - Sterile, Individually wrapped

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity	Packing	Price/Pack	Price/24Packs
520010	10µl	400	1380.00	31464.00
520011	10µl XL	400	1380.00	31464.00
520012	200µl	400	1380.00	31464.00
520013	300µl	400	1380.00	31464.00
520014	1000µl	400	1491.00	33995.00
521037	5ml Eppendorf®	100	815.00	18582.00
521038	5ml Tarsons®	100	815.00	18582.00
521039	5ml Thermo®	100	815.00	18582.00
521041	10ml	100	1324.00	30187.00

### 143 PurePack MAXIPENSE™ Micro Tips - Sterile, Individually wrapped

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.



Code	Capacity µl	Packing	Price/Pack	Price/24Packs
520031	10	400	1634.00	37255.00
520032	10 XL	400	1634.00	37255.00
520033	200	400	1634.00	37255.00
520034	300	400	1634.00	37255.00
520035	1000	400	1877.00	42796.00



### 144 PurePack Filter Tips - Sterile, Individually wrapped

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/24Packs
520037	10	400	2264.00	51619.00
520038	10XL	400	2264.00	51619.00
520039	20	400	2260.00	51528.00
520040	50	400	2260.00	51528.00
520041	100	400	2264.00	51619.00
520042	200	400	2264.00	51619.00
520043	300	400	2260.00	51528.00
520044	1000	400	2696.00	61469.00

### 145 PurePack MAXIPENSE™ Filter Tips - Sterile, Individually wrapped

Material: PP conforming to US FDA 21 CFR, Autoclavable. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity µl	Packing	Price/Pack	Price/24Packs
520050	10	400	2709.00	61765.00
520051	10XL	400	2709.00	61765.00
520052	20	400	2709.00	61765.00
520053	50	400	2709.00	61765.00
520054	100	400	2709.00	61765.00
520055	200	400	2709.00	61765.00
520056	300	400	2709.00	61765.00
520057	1000	400	3234.00	73735.00

For Bulk Pack add suffix A after the Code No.



- Compact, Light, Aluminium die Cast Construction.
- Oil Free, Piston Powered.
- Used for Liquid filtration for microbiology, suspended solid test, air sampling etc.

**146** ROCKYVAC™ - Vacuum Pump

ROCKYVAC™ is a piston powered and oil free vacuum pump. It contains a moisture trap/vacuum regulator. Suitable for liquid filtration as well as for stack or ambient gas sampling.

Code	Model	Packing	Price/Pack	Pack/6 Packs
7010	ROCKYVAC™ 300	1	39602.00	225731.00
7011	ROCKYVAC™ 400	1	53282.00	
7012	ROCKYVAC™ 801	1	74574.00	
7013	ROCKYVAC™ 410	1	53282.00	
7022	ROCKYVAC™ 430	1	81327.00	
7014	ROCKYVAC™ 811	1	74574.00	

**CAUTION :** Do not use ROCKYVAC™ Vacuum pump with any corrosive chemical such as acid alkali and organic air. Avoid any material or liquid sucked down into the pump that will cause serious damage

For Bulk Pack add suffix A after the Code No.



Specification	ROCKYVAC™ 300	ROCKYVAC™ 400	ROCKYVAC™ 801	ROCKYVAC™ 410	ROCKYVAC™ 430	ROCKYVAC™ 811
Power	220V / 50hz	220V / 50hz	220V / 50hz	220V / 50hz	220V / 50hz	220V / 50hz
Max Power (W)	60	80	200	80	125	200
Max Vacuum	-670 mm/Hg.	-670 mm/Hg	-670 mm/Hg	-730 mm/Hg.	-630 mm/Hg	-735 mm/Hg
Max Flow Rate	18 l/min	34 l/min	68 l/min	20 l/min	28 l/min	40 l/min
Motor Rotation	1450 RPM	1450 RPM	1450 RPM	1450 RPM	1450 RPM	1450 RPM
Horse Power	1/8 HP	1/6 HP	1/3 HP	1/6 HP	1/6 HP	1/3 HP
Net Wt.	4.1 kg	5.2 kg	7.9 kg	5.2 kg	5.5 kg	7.9 kg
Port. Thread	5/16"	5/16"	3/8"	5/16"	5/16"	3/8"
Noise Level	50 dB	52 dB	68 dB	52 dB	52 dB	68 dB

**147** CHEMVAC™ - Vacuum Pump

Chemvac™ is a membrane vacuum pump designed to handle most vacuum applications Chemvac™ can be used with gel drying, vacuum concentrators, vacuum ovens and distillation.

Code	Model	Packing	Price/Pack
7016	CHEMVAC 300	1	127317.00
7017	CHEMVAC 400	1	165549.00
7018	CHEMVAC 410	1	165549.00
7019	Regular Vacuum	1	19946.00

Always ensure to draw in clean air by keep running the pump for at least 2 minutes after the operation ends to extend the pumps lifespan.

- Compact, Light, diaphragm vacuum pump.
- Oil Free.
- PTFE diaphragm for high corrosion resistance.
- Used with Gel dryer, vacuum concentrator etc.



Specification	CHEMVAC™300	CHEMVAC™400	CHEMVAC™410
Power	220V 50Hz	220V 50 Hz	220V 50Hz
Max Power (W)	60	90	95
Max Current (A)	0.32	0.6	0.6
Max Pressure	-600 mm Hg	-600 mm Hg	-750 mm Hg
Capacity	0 mm Hg	22 l/min	34 l/min
	100 mm Hg	17 l/min	29 l/min
	200 mm Hg	13 l/min	25 l/min
	400 mm Hg	7 l/min	12 l/min
	500 mm Hg	4 l/min	6 l/min
	550 mm Hg	2 l/min	3 l/min
Motor Rotation	1450 RPM	1450 RPM	1450 RPM
Capacitance	2µf 450 V	4 µf 400 V	4 µf 450 V
Horse Power	1/8 HP	1/6 HP	1/6 HP
Net Wt.	5.0 kg	7.0 kg	7 kg
Port. Thread	5/16"	5/16"	5/16"
Noise Level	50 dB	50 dB	50 dB

**148** ROCKYVAC™ - Oil Free compressor

Code	Model	Packing	Price/Pack
7110	ROCKYVAC™ 320	1	40425.00
7111	ROCKYVAC™ 420	1	53282.00
7112	ROCKYVAC™ 440	1	107181.00



- Compact, Light, Aluminium die cast construction.
- Oil Free, Piston Powered.
- Used for Oxygen supply in the water, agitation in fermentation tank, aeration test, bubble test.

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Specification	Rockyvac™ 320	Rockyvac™ 420	Rockyvac™ 440	
Power	220V 50 Hz	220V 50 Hz	220V 50 Hz	
Max Power (W)	85	125	125	
Max Current (A)	0.4	0.6	0.6	
Max pressure	80 psi	80 psi	60 psi	
Max Flow	0 psi	12 l/min	25 l/min	25 l/min
	20 psi	9.5 l/min	23 l/min	23 l/min
	30 psi	8 l/min	18 l/min	18 l/min
	40 psi	7 l/min	16 l/min	16 l/min
	60 psi	3 l/min	8 l/min	11 l/min
Motor Rotation	1400 RPM	1400 RPM	1400 RPM	
Capacitance	24 µf 450 V	34 µf 450 V	3 µf 450 V	
Horse Power	1/8 HP	1/6 HP	1/6 HP	
Net Wt.	4.1 kg	5.2 kg.	8.4 kg.	
Port. Thread	5/16"	5/16"	5/16"	
Noise Level	50dB	50dB	50dB	

**149** Vacuum Trap Kit

The kit contains a 1000 ml polypropylene Heavy Duty Vacuum bottle, a 53B filling venting closure, and 2 nos of Tygon tubing (2 ft). The volume capacity of the Trap is approximately 1 L.

Code	Capacity ml.	Packing	Price/Pack
7125	1000	1	6015.00

- Compact, Heavy Construction
- Heavy metal base & rubber feet prevents movement of the shaker during use
- Choice of continuous & touch mode
- Variable speed control
- Maximum speed 3000 RPM

**NEW!**



**150** MINI SPINIX™

Code	Type	Packing	Price/Pack
3150	Analog	1	7875.00

**151** MINI SPINIX™ DIGITAL

Code	Type	Packing	Price/Pack
3160	Digital	1	8925.00



- Compact, Heavy Construction
- Heavy metal base & rubber feet prevents movement of the shaker during use
- Choice of continuous & touch mode
- Variable speed control
- Maximum speed 2800 RPM

**NEW!**

**152** SPINIX™ Jumbo Vortex Shaker

Code	Type	Packing	Price/Pack
3170	Analog	1	17548.00

**153** SPINIX™ Jumbo Digital Vortex Shaker

Code	Type	Packing	Price/Pack
3180	Digital	1	19950.00

**154** SPINIX™ Pulse Digital Digital Shaker

Code	Type	Packing	Price/Pack
3190	Digital	1	20356.00

- Compact, Rugged Construction
- Heavy metal base & rubber feet prevents movement of the shaker during use
- Choice of continuous & touch mode
- Variable speed control
- Maximum speed 3000 RPM
- Includes one hand insert, micro tube insert & cup attachment.



**155** SPINIX™ - Vortex Shaker

Code	Description	Packing	Price/Pack	Price/6 Packs
3020	SPINIX™ MC-01 with speed control	1	13371.00	76215.00
3001	Spare Cup Attachment	1	270.00	
3002	Spare One hand attachment	1	1060.00	
3003	Spare One hand insert	1	351.00	
3004	Spare Micro tube insert	1	1396.00	

For Bulk Pack add suffix A after Code No.

\* MC-01 Includes 3001, 3002, 3003 and 3004

**156 SPINIX™ ORBITAL Shaker**

Code	Description	Packing	Price/Pack
3050	SPINIX™ Orbital Shaker MC 01	1	69809.00
3060	SPINIX™ Orbital Shaker MC 02	1	90564.00

Code No 3050 and 3060 comes with Dish Attachment.  
Other spares are to be ordered separately.

3050 hold 20 Nos. of 50 - 100 ml Flask, 50 Nos. of 250 ml Flask.

3060 hold 30 Nos. of 50 - 100 ml Flask, 20 Nos. of 250 ml Flask and 8 Nos. of 500 ml Flask.

**157 SPINIX™ RECIPROCATING Shaker**

Code	Description	Packing	Price/Pack
3100	Reciprocating Shaker MC 03	1	93395.00

**Spares**

3051	Universal Attachment MC - 01	1	24709.00
3061	Universal Attachment MC - 02	1	26684.00
3052	Flask holder attachment MC 01	1	5931.00
3062	Flask holder attachment MC 02	1	7511.00
3053	Dish Attachment MC - 01	1	3758.00
3063	Dish Attachment MC - 02	1	5535.00
441111	Lotus Clamp for fixing Conical Flask 50 - 100 ml	1	1186.00
441121	Lotus Clamp for fixing Conical Flask 250ml	1	1284.00
441131	Lotus Clamp for fixing Conical Flask 250ml	1	1306.00

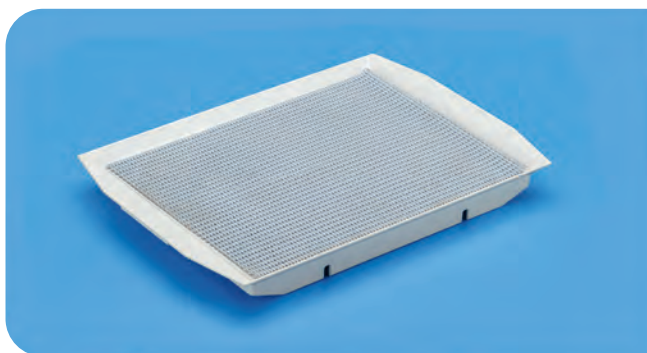
Code No 3100 comes with Dish Attachment.  
Other spares are to be ordered separately.



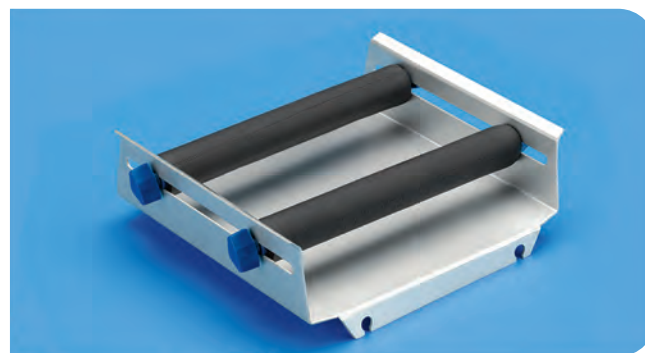
## TARSONS SPINIX™ Shaker

Spinix™ Orbital Shaker is used for mixing liquids in bottles, flasks, test tubes and dishes.

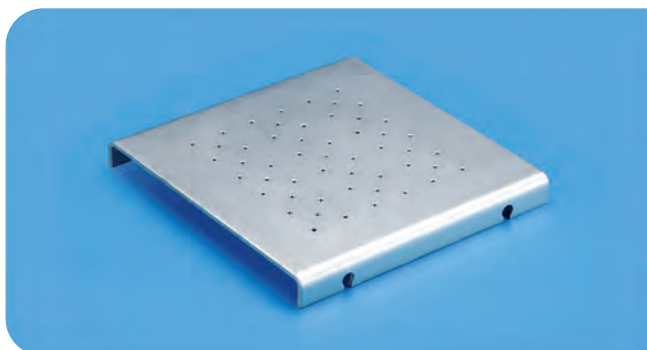
	Model MC -01	Model MC-02	Model MC-03
Specifications			
Code No	3050	3060	3100
Type of Movement	Orbital	Orbital	Reciprocating
Orbital Movement	4 mm	10 mm	10 mm
Permissible Shaking Weight	2 KGS	7.5 KGS	7.5 KGS
Power Input (W)	13 W	13 W	13 W
Power Output (W)	57 W	57 W	57 W
Speed Range	100-800 RPM	20-500 RPM	20-500 RPM
Speed Display	Digital Led	Digital Led	Digital Led
Timer	YES	YES	YES
Timer Display	99 HRS 59 MINS	99 HRS 59 MINS	99 HRS 59 MINS
Operating Mode	Timer and Continuous	Timer and Continuous	Timer and Continuous
Dimension (WXDXH)	30x27x12 CM	36x42x12 CM	36x42x12 CM
Top Plate Dimension	22x22 CM	33x33 CM	33x33 CM
Weight	9.8 KGS	9.0 KGS	9.0 KGS
Permissible Ambient Temperature	5-50°C	5-50°C	5-50°C
Permanent Relative Moisture	90%	90%	90%
Voltage Input	220-240 VAC	220-240 VAC	220-240 VAC
Optional Spares			
Universal Attachment	3051	3061	
Flask Holder Attachment	3052	3062	
Plastic Lotus Clamp 50 ml-100 ml	441111	441111	
Plastic Lotus Clamp 250 ml	441121	441121	
Plastic Lotus Clamp 500 ml-1000 ml	441131	441131	
Dish Attachment	3053	3063	



**Dish Attachment with Non Skid Mat**  
Used for shaking petridish, trays and culture flasks.



**Universal Attachment**  
For shaking various vessels by holding them with variable clamping rolls



**Flask Holder Attachment**  
For shaking of round, measuring flask and Erlenmeyer Flask.



**Plastic Lotus Clamp**



**158** Dancing Shaker

Code	Description	Packing	Price/Pack
3040	Dancing Shaker MC - 01	1	48636.00
3080	Dancing Shaker MC - 02	1	66036.00
3041	Spare Dimpled Mat MC - 01	1	3764.00
3043	Spare Dimpled Mat Mc - 02	1	6013.00

- Three dimensional combination of rocking and orbital motion
- Used for staining and destaining gels, blotting techniques and mixing of lab sample
- Non slip platform is continuously adjustable from horizontal to a steep angle
- Low foaming agitation and uniform mixing at slow speed
- Speed adjustable from 0-60 RPM
- Maximum permissible load is 2 kgs.



ROCKYMAX™ Rocking Shaker is used for staining and destaining gels, hybridization procedures, haematology and blotting techniques.

Rockymax has a variable speed powerful DC motor to provide gentle rocking motion. All the moving parts are fitted with bearings for quiet, trouble free and smooth operation.



**159** ROCKYMAX™

Code	Description	Packing	Price/Pack
4080	Rockymax™	1	51857.00
4082	Rockymax™ - 2Tier	1	63095.00
4081	Spare Dimple Mat	1	5231.00

**Specifications**

Speed	10-50 RPM
Timer	99 hrs 99 mins
Platform Dimension	30 L X 30 B (cm)
Overall Dimension	30W X 30 D X 20 H (cm)
Maximum Load	10 Kgs
Power	AC 230V, 50Hz



- Provides mixing for diffusion, dialysing, extraction etc.
- Rotation can be set from 5-50 RPM
- Timer can be set from 0-99 hrs/1-59 min.
- Rotating disks for Tube dia 10-30 mm.
- Plastic coated spring clips
- Angle of Rotation adjustable from horizontal for minimal mixing to vertical for full end over end mixing

**160** ROTOSPIN™ - Test Tube Rotator

Code	Description	Packing	Price/Pack
3070	ROTOSPIN™ Test Tube Rotator	1	43930.00
3071	Disk for 24x1.5ml tubes	1	5719.00
3072	Disk for 18x15ml tubes	1	6099.00
3073	Disk for 12x50ml tubes	1	6099.00

Rotating Disk must be ordered separately

- Provides serial rotation of tubes for extraction, diffusion etc.
- Mixing action can be set from 5-50 RPM
- Timer can be set from 0-99 hrs/ 1-59 min
- Rotating bars for tube dia from 10-30 mm
- Plastic coated spring clips
- Quick, easy coupling for exchange of rotating bars.



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**161** ROTOSPIN™ - Rotary Mixer

Material: PP Autoclavable

Code	Description	Packing	Price/Pack
3090X	Rotospin™ Rotatry Mixer	1	50351.00
3091X	Bar for 50 x 1.5ml tube	1	8534.00
3092X	Bar for 20 x 15ml tube	1	6891.00
3093X	Bar for 12 x 50ml tube	1	6891.00

Rotating Bars must be ordered separately

162 SPINIX™ - Multiwell Plate Shaker

Code	Description	Packing	Price/Pack
3400	Multiwell Plate Shaker	1	72641.00

CAUTION : Can only be used with an even number of 2 or 4 plates.

**Specification**

Orbit diameter	4 mm.
Permissible Shaking weight	4 Micro plates
Motor rating input	13 W
Motor rating output	57 W
Permissible ON Time	100%
Speed min (adjustable)	100 rpm.
Speed range	100-1100 rpm
Speed Display	Digital LED
Timer	yes
Timer Display	99 Hrs 59 mins
Operating mode	Timer and continuous operation
Number of Microtiter Plates	2 or 4
Dimensions ( W x D x H )	30 x 27 x 12 cm
Weight	9.8 kg
Permissible ambient temperature	5-40 <sup>o</sup> C
Permissible relative humidity	80%
Voltage	220-240 V
Frequency	50/60 Hz





**163** SPINIX™ - Multi Tube Vortex Shaker

Code	Description	Packing	Price/Pack
9010	SPINIX™ Multi Tube Vortexer	1	113672.00
9011	Spare Foam insert for 12X75 Tube	1	2914.00
9012	Spare Foam insert for 15 ml Tubes	1	2914.00
9013	Spare Foam insert for 50 ml Tubes	1	2914.00

\* Cat. 9010 contains 1 each of 9011, 9012 and 9013

**Specification**

Speed Range	500 to 2500 RPM
Timer	1 second to 99 hrs 59 mins
Orbit	3.6 mm
Maximum weight capacity	4.5 Kgs
Tray Dimension	18x31 cm
Overall dimension	24x38.5x40.5 cm
Ship weight	19 Kgs

- Quiet and reliable
- Small foot print
- Independent ON / OFF switch
- Fixed speed of 6000 RPM / 2000g
- 6 place Rotor for 1.5/ 2 ml tubes
- 2 place Rotor for 8 x 0.2ml tube strips



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**164** SPINWIN™ MC-00 Micro Centrifuge

Code	Description	Packing	Price/Pack	Price/ 6Packs
1000	SPINWIN™ MC-00 2 place Rotor for 8 x 200ul tube strips	1	10089.00	57507.00
1010	SPINWIN™ MC-00 6 place Rotor for 1.5ml tube	1	10089.00	57507.00

For Bulk Pack add suffix A after the Code No.

**165** Spare Rotor for SPINWIN™ MC-00

Code	Description	Packing	Price/Pack
1003	6 x 1.5ml tubes	1	1072.00
1004	2 Place Rotor for 8 x 200 ul tube strips	1	1072.00

- Quiet and reliable
- Small foot print
- Built in power supply
- Digital display of time & RPM
- Standard 6 place Rotor for 1.5/2ml tubes
- Spare 12 place Rotor for 0.5 ml tubes



RPM	RCF (x g)
1000	56
2000	223
3000	503
4000	894
5000	1396
6000	2011
7000	2737
8000	3575
9000	4524
10000	5585

**166** SPINWIN™ MC-01 Micro Centrifuge

Code	Description	Packing	Price/Pack	Price/ 4Packs
1020	SPINWIN™ MC-01	1	29866.00	113491.00

For Bulk Pack add suffix A after the Code No.

**Spare Rotor**

Code	Capacity	Packing	Price/Pack
1001	6 x 1.5ml tubes	1	1714.00
1002	12 x 0.5ml tubes	1	1714.00





- 8 place Rotor for 1.5/2 ml tubes
- 4 place Rotor for 8 strip x 0.2/0.1 ml or 32 place tubes 0.2 ml
- Variable speed from 1000 to 6000 RPM/2000 x g

**NEW!**

**167** SPINWIN™ MC-02 Micro Centrifuge

Code	Description	Packing	Price/Pack	Price/ 4 Packs
1031	SPINWIN™ MC-02	1	15045.00	57171.00

\* Includes 8 Place rotor for 1.5/2 ml tube. 4 Place rotor for 8 strip x 0.2/0.1 ml or 32 Place tubes 0.2 ml PCR tube.

For Bulk Pack add suffix A after the Code No.

Max.RPM/RCF	13500 / 12,300 x g
Max. Capacity	12 x 2.0 ml, 4 x 8 tube PCR Strips
Time Control	Pulse or timer < 30 mins
RPM/RCF conversion	yes
Noise level	(DB) < 56
Acc/Dec	( sec ) < 12 / <16
Display	Blue LCD
Safety Lid Lock	Yes
Lid Drop Protection	Yes
Automatic door release at completion	Yes
Power Supply	( V/Hz) 220/50
Power requirement	(VA) 110
Dimension (W x D x H)	208 x 245 x 145 mm
Weight without rotor	4.4 kg



PCR Rotor - CODE 1042  
32 x 0.2 ml Tubes  
13500 RPM / 12300 X g



Fixed Angle Rotor  
12 x 1.5 ml Tubes  
13500 RPM / 12300 X g  
included with the Centrifuge



**168** SPINWIN™ MC-03 Micro Centrifuge

Code	Description	Packing	Price/Pack
1040	Micro Centrifuge MC 03	1	117582.00
1042	PCR Rotor for 32x0.2ml tubes	1	16281.00



**169A/B/C**



**170**



**171**



**172**

**169A SPINWIN™ Micro Centrifuge Tube**

Material : PP conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase  
Provide good clarity for viewing content. Withstand centrifugation upto 20000 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/96Packs
500000	0.5	1000	803.00	73234.00
500010	1.5	500	572.00	52166.00
500020	2.0	500	633.00	57730.00
500011	1.5 Coloured	500	635.00	57912.00

**169B SPINWIN™ Micro Centrifuge Tube - CLEAR**

Material : PP conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase  
Ultra clear Tubes provide optimum sample visibility. Withstand centrifugation upto 20000 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/96Packs
500000C	0.5	1000	917.00	83630.00
500010C	1.5	500	659.00	60101.00
500020C	2.0	500	731.00	66667.00

**169C SPINWIN™ MAXIPENSE™ Micro Centrifuge Tube**

Material : PP conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase

Snap Cap Low Retention Micro Centrifuge Tubes. Used for maximum sample recovery for costly reagents and viscous liquids. Not recommended for boiling of samples. Withstand centrifugation upto 20000 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
500015	0.5	1000	1648.00	37574.00
500016	1.5	500	1185.00	27018.00
500017	2.0	500	1303.00	29708.00

**170 SPINWIN™ Micro Centrifuge Tube Amber**

Material : PP conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase

Provide good protection for light sensitive samples from 270 to 600 nm. can withstand centrifugation upto 20000 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
500012	0.5Amber	1000	999.00	22777.00
500013	1.5Amber	500	721.00	16439.00
500014	2.0Amber	500	788.00	17966.00

**171 Hook Lock Micro Centrifuge Tube**

Material : PP conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase

Can withstand centrifugation upto 20000 x g. Hook Lock tubes protect samples with excellent centrifugation stability and reliably prevent sample evaporation. Remain closed while sample boiling.

Code	Capacity ml.	Packing	Price/Pack	Price/96Packs
500021	1.5	500	649.00	59189.00
500022	2.0	500	711.00	64843.00

**172 PurePack SPINWIN™ Micro Centrifuge Tube, Sterile**

Material : PP conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase. Individually wrapped. Max RCF 20000 x g

Ideal for applications that require sterile, individually wrapped tubes with excellent chemical resistance. The lot number printed on each individual tube package.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
500001	0.5	100	430.00	9804.00
500002	1.5	100	464.00	10579.00
500003	2.0	100	477.00	10876.00

For Bulk Pack add suffix A after the Code No.

**173** Micro Pestle

Material : PP conforming to US FDA 21 CFR Autoclavable

Code	Packing	Price/Pack	Price/24Packs
160020	12	501.00	11423.00



**173**

**174** SPINWIN™ Micro Centrifuge Tube 5ml.

Material : PP conforming to USP Class VI. Free of detectable DNase, RNase and Pyrogen.

Code	Type	Packing	Price/Pack	Price/24Packs
500050	Natural	100	466.00	10625.00
500051	Amber	100	563.00	12836.00
500052	Maxipense	100	843.00	19220.00

For Bulk Pack add suffix A after the Code No.

**Lock for Micro Centrifuge Tube 5 ml, PP**

Autoclavable. The unique design of these locks provides extra protection from inadvertent cap opening incidents, especially during sensitive experiments.

Code	Packing	Price/Pack
500053	100	949.00



**174**

**175** Rack for Micro Centrifuge Tube 5ml.

Material : PC Autoclavable

Code	Places	Packing	Price/Pack
500054	16	2	2487.00



**175**

**176** Cryo Box for Micro Centrifuge Tube 5ml.

Material : PC Autoclavable

Code	Places	Packing	Price/Pack
212010	25	4	4241.00



**176**

**177** -20°C Mini Cooler for 5ml. Micro Centrifuge Tube

Material : PC / Non-toxic gel

Code	Places	Packing	Price/Pack
525113	12	1	5839.00



**177**



178/A

### 178 CAP for Screw Cap Tube - Non-Sterile

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen. EPDM 'O' ring is Heavy metal free.

Code	Description	Packing	Price/Pack	Price/20Packs
530000	Cap with EPDM 'O' ring	500	1213.00	23047.00

### 178A Sterile CAP for Screw Cap Tube

Material : PP conforming to USP class VI, Autoclavable. Free of detectable DNase, RNase and Pyrogen. EPDM 'O' ring is Heavy metal free.

Code	Description	Packing	Price/Pack	Price/20Packs
S530000	Cap with EPDM O ring	500	1502.00	28538.00

Please add suffix N= Ntural, W= White, R= Red, B= Blue, Y= Yellow, G= Green  
Please add suffix Z for Amber Cap



179

### 179 Screw Cap Tubes - Non-Sterile

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity ml.	Description	Packing	Price/Pack	Price/20Packs
530010	0.5	Self standing with knurl	500	1880.00	35720.00
530011	0.5	Self standing without knurl	500	1880.00	35720.00
530020	0.5	Conical with knurl	500	1880.00	35720.00
530030	1.5	Self standing with knurl	500	1880.00	35720.00
530040	1.5	Conical with knurl	500	1880.00	35720.00
530041	1.5	Conical without knurl	500	1880.00	35720.00
530050	2.0	Self standing with knurl	500	1880.00	35720.00
530051	2.0	Self standing without knurl	500	1880.00	35720.00
530060	2.0	Conical with knurl	500	1880.00	35720.00

### 180 Screw Cap Tubes - Sterile

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity ml.	Description	Packing	Price/Pack	Price/20Packs
S530010	0.5	Self standing with knurl	500	2168.00	41192.00
S530011	0.5	Self standing without knurl	500	2168.00	41192.00
S530020	0.5	Conical with knurl	500	2168.00	41192.00
S530030	1.5	Self standing with knurl	500	2168.00	41192.00
S530040	1.5	Conical with knurl	500	2168.00	41192.00
S530041	1.5	Conical without knurl	500	2168.00	41192.00
S530050	2.0	Self standing with knurl	500	2168.00	41192.00
S530051	2.0	Self standing without knurl	500	2168.00	41192.00
S530060	2.0	Conical with knurl	500	2168.00	41192.00

For Bulk Pack add suffix A after the Code No.



180

### 181 Screw Cap Tubes - Amber

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity ml.	Description	Packing	Price/Pack	Price/20Packs
A530010	0.5	Self standing with knurl	500	2441.00	46379.00
A530011	0.5	Self standing without knurl	500	2441.00	46379.00
A530020	0.5	Conical with knurl	500	2441.00	46379.00
A530030	1.5	Self standing with knurls	500	2441.00	46379.00
A530040	1.5	Conical with knurl	500	2441.00	46379.00
A530041	1.5	Conical without knurl	500	2441.00	46379.00
A530050	2.0	Self standing with knurl	500	2441.00	46379.00
A530051	2.0	Self standing without knurl	500	2441.00	46379.00
A530060	2.0	Conical with knurl	500	2441.00	46379.00



### 182 High Impact Screw Cap Tubes - for lysing and bead beating

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity ml.	Description	Packing	Price/Pack	Price/20Packs
530070	2.0	Self standing with knurl	500	4158.00	79002.00



### 183 Screw Cap Tubes with Looped Cap unassembled Non-Sterile

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen. EPDM 'O' ring is Heavy metal free.

Code	Capacity ml.	Description	Packing	Price/Pack	Price/20Packs
532010	0.5	Self standing with knurl	500	3696.00	70224.00
532030	1.5	Self standing with knurl	500	3696.00	70224.00
532040	1.5	Conical with knurl	500	3696.00	70224.00
532050	2.0	Self standing with knurl	500	3696.00	70224.00
532060	2.0	Conical with knurl	500	3696.00	70224.00

Please add suffix N= Natural, W= White, R= Red, B= Blue, Y= Yellow, G= Green  
Please add suffix Z for Amber Cap



### 184 Screw Cap Tubes with Looped Cap Sterile

Material : PP conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen. EPDM 'O' ring is Heavy metal free.

Code	Capacity ml.	Description	Packing	Price/Pack	Price/20Packs
S532010	0.5	Self standing with knurl	500	3985.00	75715.00
S532030	1.5	Self standing with knurl	500	3985.00	75715.00
S532040	1.5	Conical with knurl	500	3985.00	75715.00
S532050	2.0	Self standing with knurl	500	3985.00	75715.00
S532060	2.0	Conical with knurl	500	3985.00	75715.00

For Bulk Pack add suffix A after the Code No.

Please add suffix N= Natural, W= White, R= Red, B= Blue, Y= Yellow, G= Green  
Please add suffix Z for Amber Cap





185

**185 Storage Vial, Starfoot, PP with HDPE Closure**

Material : Conforming to USP class VI, US FDA 21 CFR

Code	Capacity ml	Base	Packing	Price/Pack	Price/20 Packs
523041	1	Starfoot	1000	3873.00	73587.00
523051	2	Starfoot	1000	4058.00	77102.00
523052	4.5	Starfoot	500	2426.00	46094.00
523061	1 Amber	Starfoot	1000	5047.00	95893.00
523071	2 Amber	Starfoot	1000	5274.00	100206.00
523072	4.5 Amber	Starfoot	500	3152.00	59888.00



186

**186 Storage Vial, Self standing, PP with HDPE Closure**

Material : Conforming to USP class VI, US FDA 21 CFR

Code	Capacity ml	Base	Packing	Price/Pack	Price/20 Packs
523053	2	Selfstanding	1000	4058.00	77102.00
523054	4.5	Selfstanding	500	2426.00	46094.00
523073	2 Amber	Selfstanding	1000	5274.00	100206.00
523074	4.5 Amber	Selfstanding	500	3152.00	59888.00
523070	5	Selfstanding	500	2426.00	46094.00
523080	5 Sterite	Selfstanding	500	3399.00	64581.00
523150	10	Selfstanding	500	3399.00	64581.00
523160	10 Sterile	Selfstanding	300	2331.00	44289.00

Note: Sterile storage vials are DNase, RNase and Pyrogen free.



187

**187 Ria Vial, PP**

These translucent tubes are particularly used for serology where low absorption of protein is very important. AMBER Vials provide good protection for light sensitive samples from 270 to 600 nm

Code	Size mm	Packing	Price/Pack	Price/100 Packs
850020	12x75	500	541.00	51395.00
850060	12x40	500	402.00	38190.00
850071 L	12x75(Light amber)	500	654.00	62130.00
850070 L	12x40(Light amber)	500	505.00	47975.00



188

**188 Ria Vial, PS**

These transparent tubes are suitable for wide range of applications.

Code	Size mm	Colour	Packing	Price/Pack	Price/100 Packs
850010	12X75	Natural	500	540.00	51300.00
850050	12X40	Natural	500	415.00	39425.00



189

**189 Cap For Ria Vial, HDPE**

Code	Size mm	Colour	Packing	Price/Pack	Price/100 Packs
850000	12	Natural	500	304.00	28880.00
850080	12	Amber	500	376.00	35720.00

For Bulk Pack add suffix A after the Code No.

Please add suffix N= Natural, W = White, R = Red, B=Blue, Y= Yellow, G = Vreen

Please add suffix Z for Amber

**190** Sample Container, PP with HDPE Closure

Material : Conforming to US FDA 21 CFR

Code	Capacity ml.	Packing	Price/Pack
510000	100	280	2870.00
510010	100Sterile	280	3178.00
510020	50	384	2976.00
510030	50 Sterile	384	3864.00



190

**191** Stool Sample Container, PP with HDPE Closure

Material : PP/PC conforming to US FDA 21 CFR. White faeces container with blade attached with brown color cap. L x Φ without cap: 55 x 44 mm

Code	Capacity ml.	Packing	Price/Pack
510040	50	384	3432.00
510041	50 Sterile	384	4248.00



191

**192** Specimen Container, PC with PP Closure

Material : Conforming to US FDA 21 CFR

Code	Capacity ml	Packing	Price/Pack	Price/12 Packs
881080	125	12	1998.00	22777.00
881090	250	12	2610.00	29754.00
881100	500	6	2541.00	28967.00
881111	1000	6	3489.00	39775.00



192

**193** Specimen Container, PP with PP Closure

Material : Conforming to US FDA 21 CFR

Code	Capacity ml	Packing	Price/Pack	Price/12 Packs
882080	125	12	1206.00	13748.00
882090	250	12	1569.00	17887.00
882200	500	6	1533.00	17476.00
882222	1000	6	2103.00	23974.00

For Bulk Pack add suffix A after the Code No.



193

**194** Specimen Tube, PS with LDPE snap cap

Code	Øxh mm	Packing	Price/Pack
881110	25 x 50	20	554.00
881120	25 x 75	10	323.00
881130	25 x 100	10	427.00
881140	31 x 50	20	785.00
881150	31 x 75	10	427.00
881160	31 x 100	10	497.00
881170	37 x 50	20	1040.00
881180	37 x 75	10	531.00
881190	37 x 100	10	612.00



194





**195** Measuring Scoop

Material : PP conforming to US FDA 21 CFR

Autoclavable calibrated scoops have white flat bottom and top.

Code	Capacity ml	Packing	Price/pack	Price/12 Packs
922110	2	12	519.00	5917.00
922120	5	12	567.00	6464.00
922130	10	12	744.00	8482.00
922140	25	12	972.00	11081.00
922150	50	12	1338.00	15253.00
922160	100	12	2031.00	23153.00
922170	250	12	4410.00	50274.00
922180	500	6	3171.00	36149.00
922190	1000	6	3768.00	42955.00

For Bulk Pack add suffix A after the Code No.



**196** Sterile Long Handle White Spoon

Material : HIPS, Length 7 inch / 179 mm

Code	Capacity ml.	Packing	Price/Pack	Price/ 12Packs
922121	1.25	100	3335.00	38019.00
922122	2.5	100	3335.00	38019.00
922123	5	100	3669.00	41827.00
922124	15	100	3669.00	41827.00

For Bulk Pack add suffix A after the Code No.



**197** Sterile Long Handle White Scoop

Material : HIPS

Code	Capacity ml.	Packing	Price/Pack	Price/ 12Packs
923111	60	100	6670.00	76038.00
923112	125	100	6670.00	76038.00
923113	250	100	7360.00	83904.00

For Bulk Pack add suffix A after the Code No.



**198** Sterile sampling Spatula, V shaped, individually wrapped

Material : HIPS, Length 9 inch

Code	Packing	Price/Pack
921130	100	10350.00

For Bulk Pack add suffix A after the Code No.

**199** Nitrile Gloves Powder Free

Super soft. Perfect sensitivity and comfort.

Code	Size	Packing	Price/Pack	Price/ 20 Pack
370013	Small	100	1365.00	25935.00
370023	Medium	100	1365.00	25935.00
370033	Large	100	1365.00	25935.00



199

**200** Gloves Dispenser

Material : Acrylic

This wall mounted dispenser saves counter space and increase glove wearing.

Code	Places	Packing	Price/Pack
370050	1	1	1318.00
370060	2	1	1983.00
370070	3	1	2638.00

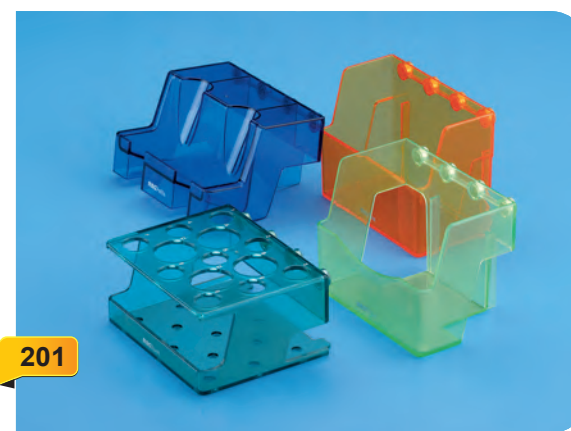


200

**201** Wall Mount Holders

Code	Description	Packing	Price/Pack	Price/6 Packs
150010	Assorted Pack	Set of 4	7535.00	42950.00
150020	4x50ml, 9x15ml Tubes	1	2557.00	14575.00
150030	Kimwipes	1	2557.00	14575.00
150040	Pipettes	1	2557.00	14575.00
150050	Lab utilities	1	2557.00	14575.00

For Bulk Pack add suffix A after the Code No.



201

**202** Hand Protector Grip, silicone

Hand protector grip made of silicone rubber which protects hand from temperature when handling or carrying hot glassware. Thumb and fingers fit into end pockets and gripping surface has studs for non slip grip.

Code	Description	Packing	Price/Pack
800000	Hand Protector Grip	1	2094.00



202



203

### 203 SPINWIN™ Tube Conical Bottom, PP with HDPE Closure

Material : PP/HDPE conforming to USP Class VI Autoclavable

This leak proof tubes have printed volume graduation and writing area along the length of the tube. 15 ml. and 50 ml. PP centrifuge tubes can withstand up to 18000xg. Free of detectable pyrogen, RNase & DNase.

Code	Capacity ml.	Packing	Prce/Pack	Price/ 10Packs
500031	15	500	4590.00	43605.00
546021	15 sterile	500	4980.00	47310.00
500032	15 racked	500	6195.00	58853.00
546022	15 racked sterile	500	6935.00	65883.00
500041	50	500	5915.00	56193.00
546041	50 sterile	500	7305.00	69398.00
500042	50 racked	300	5340.00	50730.00
546042	50 racked sterile	300	6180.00	58710.00

#### Material: PS/HDPE

PS centrifuge tubes can withstand upto 3500 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/ 6 Packs
546010	15 Sterile	500	6220.00	35454.00



204

### 204 SPINWIN™ Amber Centrifuge Tube Conical Bottom

Material : PP/HDPE conforming to USP Class VI Autoclavable

This leak proof tubes have printed volume graduation and writing area along the length of the tube. 15 ml. and 50 ml. PP centrifuge tubes can withstand up to 18000xg. Free of detectable pyrogen, RNase & DNase.

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
546011	15	500	5969.00	34023.00
546051	15 sterile	500	6468.00	36868.00
546012	15 racked	500	7655.00	43634.00
546052	15 racked sterile	500	8395.00	47852.00
546031	50	500	7665.00	43691.00
546061	50 sterile	500	9476.00	54013.00
546032	50 racked	300	6435.00	36680.00
546062	50 racked sterile	300	7467.00	42562.00

### 205 Self Standing Centrifuge Tube

Material : PP/HDPE conforming to USP Class VI Autoclavable, Free of detectable pyrogen, RNase & DNase. Max. RCF 3500 x g.

Code	Capacity ml	Packing	Price/Pack	Price/6 Packs
500043	50 (Bulk Pack)	500	7156.00	40789.00
546043	50 sterile (Bulk Pack)	500	8831.00	50337.00
546046	50 (Amber)	500	8831.00	50337.00
546047	50 sterile (Amber)	500	10862.00	61913.00

### PurePack Centrifuge Tube Conical Bottom - Sterile

Material : PP/HDPE conforming to USP Class VI Autoclavable, certified DNase, RNase, Pyrogen free. Max. RCF 18000xg. for 520060 & 520061. For 520062 Max RCF 3500xg. PurePack is individually wrapped paper/plastic peel packs which maintain sterility.

Code	Capacity ml	Packing	Price/Pack	Price/10 Packs
520060	15	500	5838.00	55461.00
520061	50	300	7269.00	69056.00
520062	50 Self Standing	400	8362.00	79439.00

For Bulk Pack add suffix A after the Code No.



205

### 206 Centrifuge Tube Round-Bottom, PP

Translucent & Autoclavable. Excellent chemical resistance. Easy view of contents. Uniform wall thickness. Supplied without closure. Withstands 50,000 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
542010	16	12	501.00	11423.00
542020	50	12	837.00	19084.00



206

### 207 Centrifuge Tube Round Bottom, PC

Transparent & Autoclavable. Stronger than PP. Uniform wall thickness. Supplied without closure. Withstands 50,000 x g.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
543010	16	12	1644.00	37483.00
543020	50	12	2502.00	57046.00



207

### 208 Cap for Centrifuge Tube Round Bottom, PP

Autoclavable

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
540010	16	100	832.00	18970.00
540020	50	100	1247.00	28432.00



208

### 209 Screw Cap Centrifuge Tube Round-Bottom, PP

Translucent & Autoclavable. Excellent chemical resistance. Easy view of contents. Uniform wall thickness. Supplied with closure. Withstands 50,000 x g. Leakproof.

Code	Capacity ml.	Packing	Price/Pack	Price/24Packs
541020	10	12	873.00	19904.00
541030	30	12	1203.00	27428.00
541040	50	12	1644.00	37483.00
541050	70	12	2244.00	51163.00



209

### 210 Screw Cap Centrifuge Bottle, PP

Translucent & Autoclavable. Excellent chemical resistance. Easy view of contents. Uniform wall thickness. Supplied with closure. Leakproof. For proper performance, bottles must be filled to at least 80% of the total capacity, except 544020, which must not be filled to more than 75% of total capacity.

Code	Capacity	Dimension (mm)	Max.RCF	Packing	Price/ Pack	Price/ 24Pack
544010	250 ml	62x128	27500	24	6438.00	146786.00
544020	500 ml	69.5x170	4800	12	3912.00	89194.00
544030	1000 ml	97.5x184.5	7100	6	3930.00	89604.00
544040	1000 ml	97.5x179	7100	6	3930.00	89604.00



210

For Bulk Pack add suffix A after the Code No.



**211**

**211 CLINI-JUMBO Rack, PP**

Polypropylene assembled racks with an excellent option of storing large group of samples.  
Sturdy, lightweight and easily transportable. Available in two sizes to fit standard 10-13 mm or 13-16 mm tubes

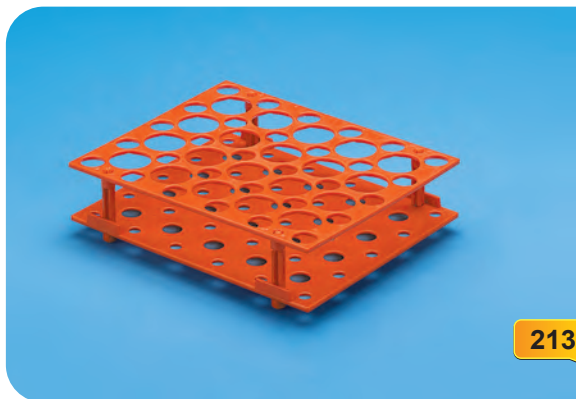
Code	Size	Packing	Price/Pack	Price/6 Packs
250040	216x10-13 mm tubes	1	5192.00	29594.00
250050	120x13-16 mm tubes	1	5192.00	29594.00



**212**

**212 Centrifuge Tube Box, PP**

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
202090	36	15	4	2463.00	28078.00
202100	16	50	4	2463.00	28078.00



**213**

**213 Conical Centrifuge Tube Rack, RPP**

Easily assembled racks held together securely. Wells for 15 mL tubes measure 17 mm dia; Wells for 50 ml tubes measure 28 mm dia.

Code	Description	Packing	Price/Pack	Price/6 Packs
241080	Conical Centrifuge Tube Rack	4	4087.00	23296.00
241079	Mini Conical Centrifuge Tube Rack	4	2449.00	13959.00



**214**

**214 Float Rack, PP**

Code	Place	Capacity ml.	Packing	Price/Pack	Price/12Packs
240000	16	1.5	6	1704.00	19426.00
240040	8	1.5	6	1098.00	12517.00
240041	20	1.5	6	2319.00	26437.00

Each hole has molded - in numbers for sample identification.

For Bulk Pack add suffix A after the Code No.

**215** Rack for Micro Tube, PC

This autoclavable rack is ideal for sample processing and short or medium term storage of samples in a freezer. This rack can be stacked as well as coupled to other racks on all the sides.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
241040	24	0.5	4	1763.00	20098.00
241060	24	1.5	4	1763.00	20098.00



215

**216** Polygrid Micro Tube Stand, RPP

Code	Places	Packing	Price/Pack	Price/12Packs
205110	128 of 1.5ml. or 2ml Micro Tube	4	1618.00	18445.00
205120	84 Cryovial 1m. or 1.8ml.	4	1618.00	18445.00



216

**217** Rack for Micro Tube, PC

This autoclavable rack is designed with wide spacing to allow storage of 1.5ml. or 2ml. tubes.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
241020	24	1.5	6	2370.00	27018.00
241030	48	1.5	6	4335.00	49419.00



217

**218** POLYWIRES Micro Tube Rack, Re-enforced Nylon

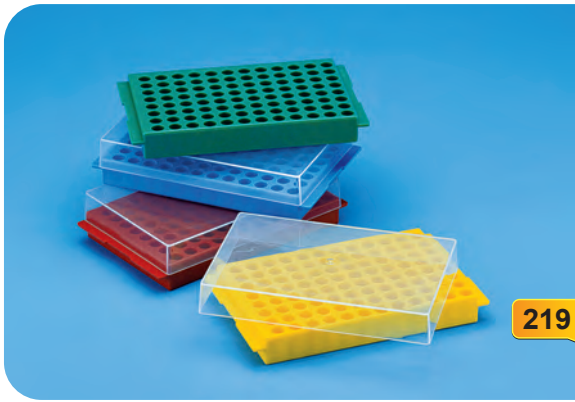
This Autoclavable rack is designed with wide spacing to allow storage of 1.5ml or 2ml tubes

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
241013	24	1.5	6	2115.00	24111.00
241014	96	1.5	6	5658.00	64501.00



218

For Bulk Pack add suffix A after the Code No.



219

**219 96 Place Reversible Rack with Cover, PP**

This autoclavable rack is designed with wide spacing to allow storage of 1.5 or 2 ml tubes in one side whereas the reverse side holds 0.5 ml tubes.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
241010	96	0.5/1.5/2.0	4	2555.00	29127.00

**Reversible Rack, PP**

This autoclavable rack holds 80 number of 1.5ml or 2ml. tubes, cryovials, etc. Whereas the reverse side holds 60 numbers of 0.5 ml. tubes.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
251010	80/60	0.5/1.5/2.0	6	1971.00	22469.00



220

**220 Rack for Reversible Rack, Acrylic**

This rack makes storage and inventory of reversible racks for 96/80 places

Code	Places	Rack	Packing	Price/Pack
241120	10	96	1	5451.00
241121	8	80 Horizontal	1	4625.00
241122	8	80 Vertical	1	4625.00



221

**221 Rack for Micro Tube, RPP**

Autoclavable

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12Packs
240010	20	1.5	6	1422.00	16211.00



222

**222 Micro Tube Box, PC/LDPE**

Code	Places	Capacity ml.	Packing	Price/Pack	Price/24Packs
524040	81	0.2	4	2632.00	60010.00
524060	81	0.5	4	2632.00	60010.00
524070	64	1.5	4	2632.00	60010.00

For Bulk Pack add suffix A after the Code No.

**223** FLIP-FLOP Micro Tube Rack

Rotating racks with 96 places to hold 0.2mL tube. Tubes are held upright securely. Measures 296 x 118 x 34mm. Autoclavable.

Code	Packing	Price/Pack	Price/6Packs
270050	1	3990.00	22743.00



223

**224** 3 Step Interlocking Micro-Tube Rack, PP

Autoclavable, inter connected racks. Arranged in 3 levels. Lowest level with 24 places to hold 0.2 ml. tubes, Middle level with 14 wells to hold 0.5 ml. tubes and Top level with 12 wells to hold 1.5 ml. tubes.

Code	Size	Packing	Price/Pack	Price/6Packs
250080	24x0.2ml, 14x0.5ml and 12x1.5ml tubes	Pack of 6	4380.00	24966.00



224

**225** SOMERSAULT Rack

Each of the four modules can be rotated independently in desired direction. Several sizes of the test tubes, culture tubes, centrifuge tubes, or micro centrifuge tubes can be used at the same time. Autoclavable.

Code	Size	Packing	Price/Pack	Price/6 Packs
270030	2x50 ml, 8x15 ml, 6x20 mm and 10x12 mm tubes	1	4863.00	27719.00
270040	6x15 ml, 9x1.5 ml, 12x0.5 ml and 32x0.2 ml tubes	1	4863.00	27719.00



225

**226** JIGSAW Rack

Autoclavable two-sided JIGSAW rack is an unit with an assortment of 1.5/2.0 ml, 15 and 50 ml test tubes. Each rack measures 151 x 135 x 66mm. Pack of 4.

Code	Size	Packing	Price/Pack	Price/6 Packs
250070	Top side 9x15 ml and 8x1.5 ml, Bottom side 4x50 ml and 4x1.5 ml	Set of 4	5839.00	33282.00

For Bulk Pack add suffix A after the Code No.



226





227

**227 Universal Combi Rack, PP**

Universal Combi Rack system is designed to support a variety of tube sizes. The autoclavable rack may be rotated to any of the four position and have the following diameters of tubes

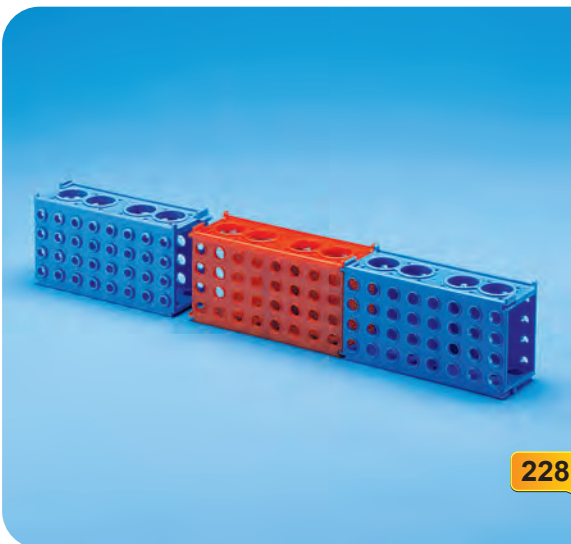
30 mm : 50 ml tubes for 8 places

20 mm : for 20 places

17 mm : 15 ml tubes for 24 places

12 mm : RIA vials for 40 places

Code	Packing	Price/Pack	Price/6 Packs
202080	4	2686.00	15310.00

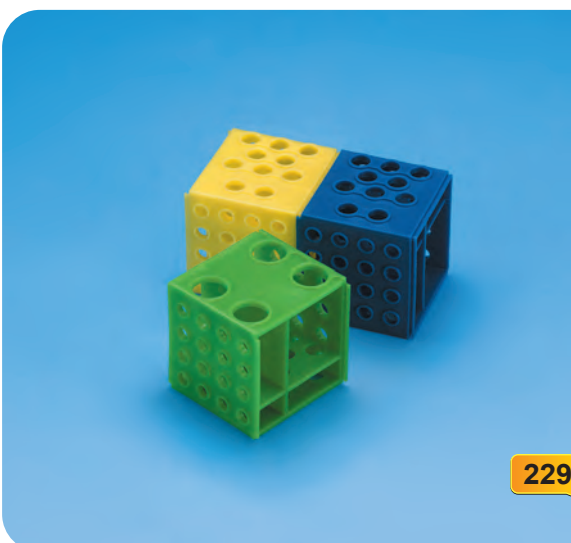


228

**228 Combilock Rack, PP**

These autoclavable interlocking racks allow you to customize your specific requirements. These racks can accommodate different sizes of tubes. Holds four 50 ml tubes, twelve 15 ml tubes, thirty two 1.5 ml micro tubes or thirty two 0.5 ml micro tubes.

Code	Packing	Price/Pack	Price/6 Packs
202081	4	1430.00	8151.00



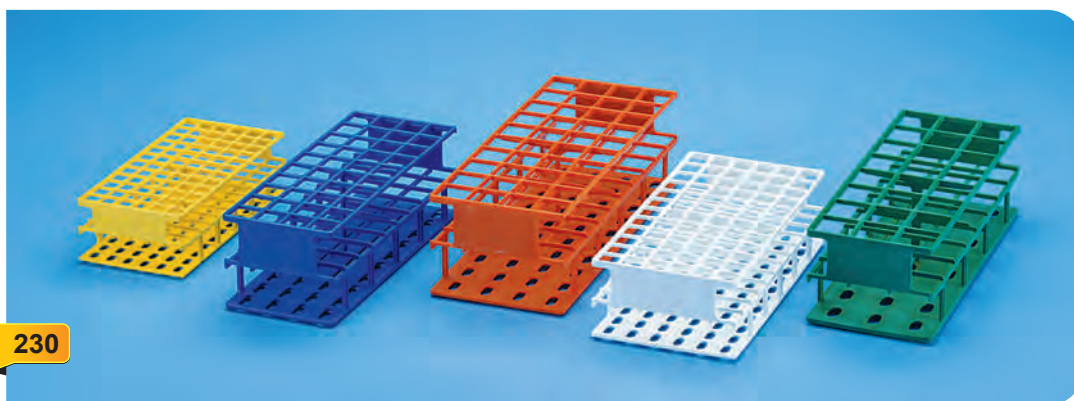
229

**229 JUNIOR 4 Way Tube Rack, PP**

Dynamic and user friendly rack. Rack measures 4 1/4 x 4 1/4 x 4 1/2".

Code	Size	Packing	Price/Pack	Price/6 Packs
250060	4x50 ml, 10x15 ml, 12x12 mm and 16x1.5 ml	Pack of 5	4860.00	27702.00

For Bulk Pack add suffix A after the Code No.

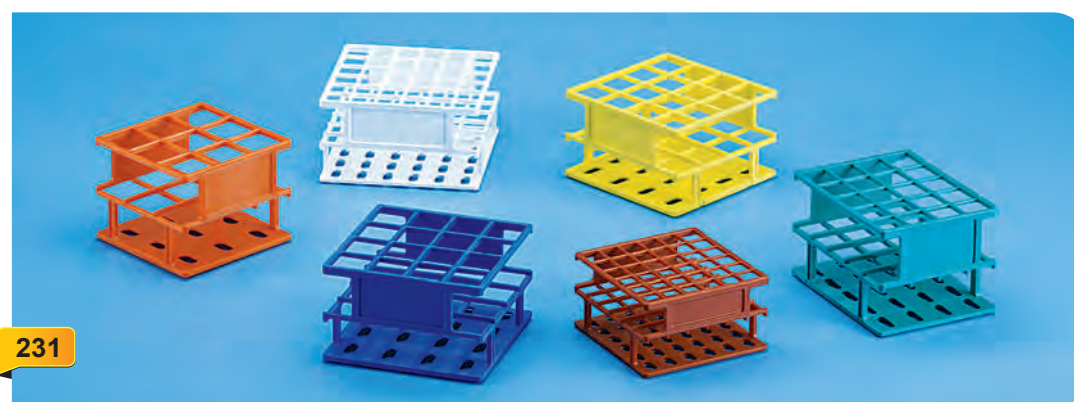


### 230 Poly Wire Rack, Re-enforced Nylon

These autoclavable racks are moulded in one place and have a three tier grid design. They have good chemical and thermal resistance and will not corrode or float in water bath. Available in five vibrant colours : Blue, Red, White, Green and Orange

Code	Places	Dia mm	Packing	Price/Pack	Price/6 Packs
202110	72	13	4	4076.00	23233.00
202111	72	16	4	4700.00	26790.00
202112	40	20	4	4700.00	26790.00
202113	40	25	4	4700.00	26790.00
202114	24	30	4	4700.00	26790.00

For Colour Put the following suffix after the code no. B=Blue, G=Green, W=White, O=Orange, R=Red



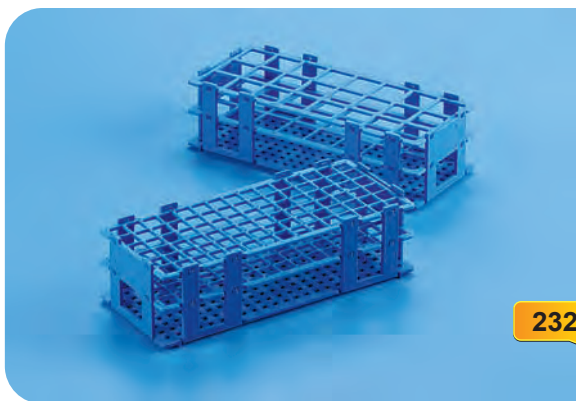
### 231 Poly Wire Half Rack, Re-enforced Nylon

These autoclavable racks have same features as polywire racks and are more space efficient which makes them fit easily in ice tray and water baths.

Code	Places	Dia mm	Packing	Price/Pack	Price/6 Packs
201010	36	13	4	2444.00	13931.00
201011	36	16	4	2444.00	13931.00
201012	20	20	4	2444.00	13931.00
201013	16	25	4	2444.00	13931.00
201014	9	30	4	2444.00	13931.00

For Bulk Pack add suffix A after the Code No.

For Colour Put the following suffix after the code no. B=Blue, G=Green, W=White, O=Orange, R=Red



232

**232** POLYGRID Test Tube Stand, RPP

Code	Places	Tube Dia mm	Packing	Price/Pack	Price/12 Packs
205010	90	13	4	1575.00	17955.00
205020	60	16	4	1575.00	17955.00
205030	40	20	4	1575.00	17955.00
205040	25	25	4	1575.00	17955.00



233

**233** Test Tube Stand, RPP

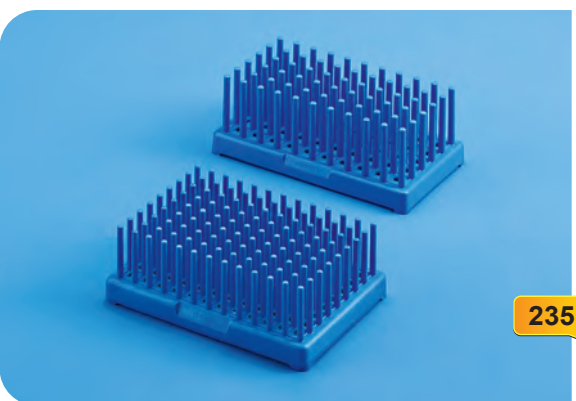
Code	Places	Tube Dia mm	Packing	Price/Pack	Price/12 Packs
202010	31	13	4	1265.00	14421.00
202020	31	16	4	1265.00	14421.00
202030	20	20	4	1458.00	16621.00
202040	18	25	4	1458.00	16621.00
202050	12	32	4	1685.00	19209.00



234

**234** Test Tube Stand, PC

Code	Places	Tube Dia mm	Packing	Price/Pack	Price/12 Packs
203010	31	13	4	2512.00	28637.00
203020	62	13	2	2504.00	28546.00
203030	31	16	4	2512.00	28637.00
203040	62	16	2	2504.00	28546.00
203050	20	20	4	2796.00	31874.00
203060	40	20	2	2796.00	31874.00
203070	18	25	4	2796.00	31874.00
203080	36	25	2	2796.00	31874.00
203090	12	32	4	3178.00	36229.00
203100	24	32	2	3178.00	36229.00



235

**235** Test Tube Peg Rack, RPP

These racks allow full view of tube contents and can be used to dry inverted tubes to minimize collection of airborne contaminants inside the tube. Can also be used to hold and dry electrophoresis and chromatography plates.

Code	Places	Tube Dia	Packing	Price/Pack	Price/12 Packs
205060	96	13	4	2724.00	31054.00
205070	50	16	4	2724.00	31054.00

**236** Slant Rack, PC

End plate design allows 5° or 20° slant when rack is set down on either side. Autoclave tubes of media in the rack. While media is still hot, the rack can be set on bench at desired angle. Media will harden with a consistent slant. Useful for incubating liquid cultures on a slant.

Code	Places	Tube mm	Packing	Price/Pack	Price/12 Packs
241070	40	20	2	3053.00	34804.00
241090	36	25	2	3053.00	34804.00



**236**

**237** Test Tube Cap, PP

This autoclavable cap is molded in polypropylene and is used for 25 mm dia culture tube

Code	Size mm	Packing	Price/Pack	Price/96 Packs
020070	25	100	385.00	35112.00



**237**

**238** Drying Rack, ABS / PC

Code	No of Pegs	Packing	Price/Pack	Price/6 Packs
240050	20	1	5844.00	33311.00



**238**

**239** Drying Rack, with drain hole

This wall mounted rack has 30 drying pegs and a detachable trough. Pegs can be easily snapped in and out and removed in case of drying larger labware. Trough has a drain hole for drainage of water and can be taken out for cleaning.

Code	No of Pegs	Packing	Price/Pack	Price/6 Packs
241100	30	1	10121.00	57690.00
241110	60	1	20240.00	115368.00



**239**

For Bulk Pack add suffix A after the Code No.



**240** DuraPorter® Transport Box

Ideal for holding, storing and transporting a variety of samples as well as potentially infectious specimen within the facility. The DuraPorter® is in compliance with OSHA 29 CFR 1910. 1030. Will accommodate 13 and 16 mm tubes in a 36 or 72 place Poly Wire Rack. Included separators can also be used to create inner compartments, or use without racks or separators as one large storage space for larger samples.

Code	(l x w x h) mm	Packing	Price/Pack
240081	380 X 196 X 160	1	9120.00

Note: Can be autoclaved between uses ( leave open and unlocked with the silicone seal in place.)



**241** Utility Tray, PP

Autoclavable

Code	(l x w x h) mm	Packing	Price/Pack	Price/12 Packs
242000	320x260x70	6	2796.00	31874.00
242010	320x260x100	6	3489.00	39775.00
240070	360x310x130	6	4881.00	55643.00
240090	540x435x130	6	6681.00	76163.00



**242** Test Tube Basket with Cover, PP

Autoclavable

During autoclaving do not stack on place other objects on the top of basket.

Code	(l x b x h) mm	Packing	Price/Pack	Price/12 Packs
180010	110x120x150	6	1299.00	14809.00
180020	180x170x160	6	2022.00	23051.00
180030	230x230x230	4	1685.00	19209.00



**243** Draining Tray, PP

Autoclavable

These autoclavable perforated trays can be placed in a sink for cleaning Glassware and Plasticware to decrease the chance of damage. All corner are rounded and smooth for easy cleaning. Can be used for autoclaving also.

Code	(l x b x h) mm	Packing	Price/Pack
109000	400x300x100	6	5949.00

**Desiccator**

These thick walled vacuum desiccator made in premium plastics which is light and easy to handle. It can hold a vacuum 29 inch of mercury for 24 hrs without grease application. The three way PP stopcock has a Teflon key and the port accepts 6.35 mm id tube for vacuum suction.

**Specifications for Plain and Vacuum Desiccator**

Size	150 mm	200 mm	250 mm	300 mm
Flange O.D. of base	172 mm	230 mm	275 mm	335 mm
Inside Diameter	150 mm	198 mm	240 mm	296 mm
P.P. plate O.D.	138 mm	188 mm	229 mm	290 mm
Total Height	205 mm	255 mm	310 mm	383 mm

**244 Desiccator Plain, PP/PC**

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
401010	150	1	1572.00	8960.00
401020	200	1	2953.00	16832.00
401030	250	1	4092.00	23324.00
401040	300	1	6467.00	36862.00


**245 Desiccator Vacuum, PP/PC**

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
402010	150	1	2675.00	15248.00
402020	200	1	4103.00	23387.00
402030	250	1	5147.00	29338.00
402040	300	1	7658.00	43651.00


**Spare 'O' Ring for PP/PC Desiccator, red silicone**

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
402011	150	1	207.00	1180.00
402021	200	1	306.00	1744.00
402031	250	1	385.00	2195.00
402041	300	1	491.00	2799.00
402001	Desiccator Spare Stop Cock	1	1675.00	-

**246 All Clear Desiccator Vacuum, PC/PC**

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
403010	150	1	3283.00	18713.00
403020	200	1	5031.00	28677.00
403030	250	1	6459.00	36816.00
403040	300	1	9701.00	55296.00

**Spare 'O' Ring for PC/PC Desiccator, black silicone**

Code	Dia mm	Packing	Price/Pack	Price/6 Packs
403011	150	1	207.00	1180.00
403021	200	1	306.00	1744.00
403031	250	1	385.00	2195.00
403041	300	1	509.00	2901.00



For Bulk Pack add suffix A after the Code No.

**247** SECADOR® Desiccator Cabinet

Code	HxWxD cm	Packing	Price/Pack
401060	21x34x41	1	40124.00
401070	31x34x41	1	80201.00
401080	41x34x41	1	94372.00
401090	51x34x41	1	128792.00

**AUTO SECADOR® Desiccator Cabinet**

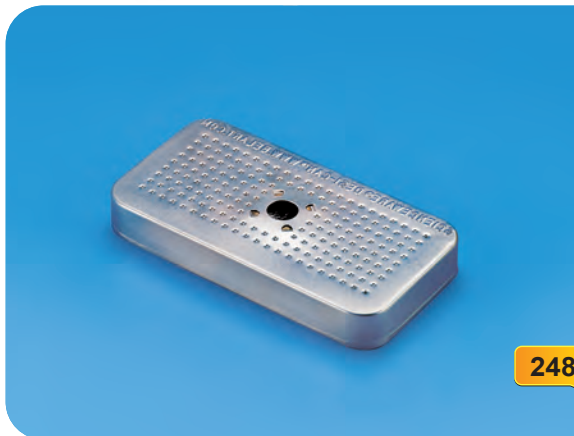
Code	HxWxD cm	Packing	Price/Pack
401110	51x34x41	1	184329.00

**SECADOR® DESICCATOR CABINET**

- Sealed construction
- Blocks 99% of UV light
- Lockable for secure storage

**SECADOR® AUTO DESICCATOR CABINET**

- Brings down humidity to 40%
- Electronic dehumidification system
- Eliminates monitoring and change of desiccants



**248**

**248** Desiccant Canister

The reusable Canister is ideal as it is protective and designed for service in desiccator cabinets. A single canister reduces humidity within a 0.09 cubic meters and silica gel desiccant, changes to pink colour when maximum moisture is absorbed.

Code	Description	Packing	Price/Pack
401111	Desiccant Canister	1	5803.00

**249 CRYOCHILL™ Vial External Threaded, Self-Standing, Sterile**

Material : PP vial with external threaded HDPE closure conforming to USP Class VI.  
Free of detectable pyrogens, RNase & DNase.

Code	Capacity (mL)	Brim volume	Ø x h mm	External Thread	No. per Case	Price / Case	Price / 6 Case
523181	1.0		12 x 41		1000	7490.00	42676.00
523182	1.8		12 x 48		1000	8096.00	46147.00
523187	3.0		12 x 71		500	5985.00	34115.00
523188	3.5		12 x 75		500	6153.00	35072.00
523183	4.5		12 x 91		500	6479.00	36930.00



249

**250 CRYOCHILL™ Vial Internal Threaded, Self-Standing, Sterile**

Material : PP vial with internal threaded HDPE closure with silicone washer conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase.

Code	Capacity (mL)	Brim volume	Ø x h mm	Internal Thread with Silicone Washer	No. per Case	Price / Case	Price / 6 Case
523184	1.8		12.5 x 49		1000	13472.00	76790.00
523331	3.5		12.5 x 79		500	11500.00	65550.00
523317	4.5		12.5 x 92		500	11855.00	67574.00



250

**251 CRYOCHILL™ Vial External Threaded, Star-Foot, Sterile**

Material : PP vial with external threaded HDPE closure conforming to USP Class VI.  
Free of detectable pyrogens, RNase & DNase.

Code	Capacity (mL)	Brim volume	Ø x h mm	External Thread	No. per Case	Price / Case	Price / 6 Case
523011	1.0		12 x 35		1000	7487.00	42676.00
523021	1.8		12 x 47		1000	8096.00	46147.00
523314	3.0		12 x 70		500	6080.00	34650.00
523315	3.5		12 x 74		500	6180.00	35220.00
523031	4.5		12 x 90		500	6479.00	36930.00



251

**252 CRYOCHILL™ Vial Internal Threaded, Star-Foot, Sterile**

Material : PP vial with internal threaded HDPE closure with silicone washer conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase

Code	Capacity (mL)	Brim volume	Ø x h mm	Internal Thread with Silicone Washer	No. per Case	Price / Case	Price / 6 Case
523192	1.0		12.5 x 42		1000	12810.00	73017.00
523193	1.8		12.5 x 48		1000	13472.00	76790.00
523316	3.5		12.5 x 78		500	8765.00	49943.00
523194	4.5		12.5 x 90		500	9062.00	51653.00



252

For Bulk Pack add suffix A after the Code No.





**253** CRYOCHILL™ Vial External Threaded, Round-Bottom, Sterile

Material : PP vial with external threaded HDPE closure conforming to USP Class VI.  
Free of detectable pyrogens, RNase & DNase.

Code	Capacity (mL)	Brim volume	Ø x h mm	No. per Case	Price / Case	Price / 6 Case
523189	1.8		12 x 46	1000	8096.00	46147.00



**254** CRYOCHILL™ Vial Internal Threaded, Round-Bottom, Sterile

Material : PP vial with internal threaded HDPE closure with silicone washer conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase.

Code	Capacity (mL)	Brim volume	Ø x h mm	Internal Thread with Silicone Washer	No. per Case	Price / Case	Price / 6 Case
523313	1.8		12.5 x 49		1000	13480.00	76790.00
523332	3.5		12.5 x 77		500	11500.00	65550.00
523333	4.5		12.5 x 91		500	11855.00	67574.00



**255** CRYOCHILL™ Coder

Material : PP  
Universal Coders fit Tarsons external threaded vials, and internal threaded vials with silicone washer.

Code	Colour	Packing	Price/Pack	Price/12 Packs
523111	White	100	201.00	2291.00
523112	Blue	100	201.00	2291.00
523113	Red	100	201.00	2291.00
523114	Yellow	100	201.00	2291.00
523115	Green	100	201.00	2291.00



**256** Cryo Rack - 50 Places

Material : PC Autoclavable  
Bottom of each self standing vials get interlocked in the base of the rack and allows single handed opening or closing of the vial caps.

Code	Vials	Packing	Price/Pack	Price/6 Packs
241050	Self Standing	1	626.00	3568.00
241051	Star Foot	1	626.00	3568.00

For Bulk Pack add suffix A after the Code No.

**257** CRYOCHILL™ Vial 2D Coded

Material: PP/ HDPE

Code	Capacity	Thread Style	Packing	Price/Pack	Price/12 Packs
883192	1.8ml.	External	1000	13293.00	151540.00
883193	1.8ml.	Internal	1000	19205.00	218937.00



**257**

**258** Cryobox for 2D Coded CRYOCHILL™ Vial

Code	Capacity	Thread Style	Places	Packing	Price/Pack	Price/12 Packs
883195	1.8ml.	External	81	4	2247.00	25616.00
883196	1.8ml.	Internal	100	4	2643.00	30130.00



**258**

**259** Cryo Cane, Aluminium

Code	No.of Places	Packing	Price/Pack
114011	5	12	2487.00
114012	6	12	2568.00



**259**

**260** CRYOCHILL™ Wide Mouth Specimen Vial

Material : PP / HDPE

Code	Capacity ml	Thread Style	Packing	Price/Pack	Price/6 Packs
883191	15	External	75	5484.00	31259.00



**260**

For Bulk Pack add suffix A after the Code No.



261

**261 Cryo Box**

Material : PC Autoclavable

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
524000	25	1.0 & 1.8	8	1951.00	22241.00
524010	81	1.0 & 1.8	4	2388.00	27223.00
524011	81	3.0	4	3217.00	36674.00
524030	81	4.5	4	3444.00	39262.00

Please add suffix R = Red, B=Blue, G=Green , Y=Yellow



262

**262 Cryo Box - 100**

Material : PC Autoclavable

This cryobox is suitable place for internal threaded vials in low temperatures. Transparent cover permits viewing.

Code	Places	Capacity ml.	Packing	Price/Pack	Price/12 Packs
524020	100	1 & 1.8	4	2869.00	32707.00

Please add suffix R = Red, B = Blue, G = Green , Y = Yellow



263

**263 Cryo Cube Box**

Material : PP Autoclavable

These stackable boxes are designed for storage of sample upto -90°C. The lid is connected to the box base by hinges and a lock on the front of the lid prevents accidental opening of these boxes in the deep freezers.

These boxes accomodate 0.5, 1.5 and 2.0 ml. micro tubes and 1.0 ml. and 1.8 ml. Cryo vials.

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
202060	50	1.8	8	1961.00	22355.00
202070	100	1.8	4	1866.00	21272.00
212060	81	1.8	4	1715.00	19551.00



264

**264 Cryo Cube Box Lift Off Lid**

Code	Places	Capacity ml	Packing	Price/Pack	Price/12 Packs
212070	81	1.8	4	1748.00	19927.00

For Bulk Pack add suffix A after the Code No.

Please add suffix R = Red, B = Blue, G = Green , Y = Yellow

**265** Card Board Cryo Box

Material : Card Board

Code	Description	Packing	Price/Pack	Price/12 Packs
524023	81 places box for 1ml/2ml Vials	8	2464.00	28090.00
524024	100 places box for 1ml/2ml Vials	8	2464.00	28090.00
524025	25 places box for 1.8ml. CryoVials	8	1111.00	12665.00
524026	36 places box for 15ml. Centrifuge tube	8	3509.00	40003.00
524027	16 places box for 50ml. Centrifuge tube	8	3509.00	40003.00

For Bulk Pack add suffix A after the Code No.



**266** Storage Boxes

Material: SAN/LDPE

These multipurpose lab storage boxes are ideal for dry materials like powders, filters, chromatography sheets, stoppers and fittings suitable for freezer storage and short term storage of non-volatile liquids, 500 ml Box is ideal for electrophoresis gel

Code	Capacity ml.	LxWxH (mm)	Pack	Price/Pack
527030	325	129x75x59	4	2391.00
527040	500	191x156x37	4	2952.00
527060	1000	127x73x175	4	3859.00
527070	2000	191x154x94	4	5110.00



**267** Storage Box

Material: PC

These sturdy Poly Carbonate boxes with transparent cover is used for storage of vials, bottles and bags in freezers and refrigerators.

Code	LxBxH mm	Packing	Price/Pack
527080	133x133x52	4	1540.00





**268** Quick Freeze

Material : PC/Insulating solution

An alternate to dry ice - solvent bath for quick chilling of specimens including ethanol precipitation of DNA/RNA samples. Cooler should be stored at - 20° C for 24 hours prior to use.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525040	12	1.5	1	5178.00	29515.00



**269** 1°C Cooler

Material : PC/HDPE

Used for cell cryo preservation and recovery. This cooler gives -1°C/min cooling rate for 18 cryo vials of 1 or 1.8 ml. The cooler needs 100% isopropyl alcohol and mechanical freezer.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525000	18	1 or 1.8	1	3882.00	22127.00



**270** MAGICOOL PCR Mini Cooler

Material : PP with insulating solution

Acts as thermochromic self-indicator. When temperature exceeds +7°C, it indicates by changing color from violet to pink. Used for preparation of PCR reaction.

Code	Place	Packing	Price/Pack	Price/12Packs
241002	96	1	4200.00	47880.00

For Bulk Pack add suffix A after the Code No.

**271** 0°C Mini Cooler

Material : PC/Non toxic gel

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical sample from temperature fluctuations in the freezers. Freeze 0°C minicooler for 24 hours at -5°C to -10°C before use.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525010	12	1.5	1	4814.00	27440.00
526010	32	1.5	1	8388.00	47812.00
525020	12	15	1	6946.00	39592.00
526050	12	Blood Collection Tube	1	6946.00	39592.00

**272** 0°C Mini Cooler with Gel Filled Cover

Material : PC/Non toxic gel

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525050	32	1.5	1	9626.00	54868.00

For Bulk Pack add suffix A after the Code No.



**273** -20°C Mini Cooler

Material : PC/Non toxic gel

An alternate to ice buckets for keeping reagents and enzymes cool. Also protects critical samples from temperature fluctuations in the freezers. Freeze -20°C minicooler for 24 hours at -20°C to -25°C before use.

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525030	12	1.5	1	5142.00	29309.00
526030	32	1.5	1	8963.00	51089.00
526040	20	1.5	1	7913.00	45104.00

-20°C Mini Cooler with Gel Filled Cover

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525060	32	1.5	1	10571.00	60255.00

-20°C PCR Mini Cooler

The aluminium block has 96 holes to hold tubes, strips or plate

Code	Places	Capacity ml	Packing	Price/Pack	Price/6 Packs
525110	96	0.2	1	13864.00	79025.00

For Bulk Pack add suffix A after the Code No.



**274** 0°C Mini Cooler

Material : PC/Non toxic gel

Code	Well Dimension	Packing	Price/Pack
525111	134 X 92mm	1	8377.00

**-20°C Mini Cooler**

Code	Well Dimension	Packing	Price/Pack
525112	134 X 92mm	1	8377.00

**275** Thermo Conductive Rack

These racks can be used in Mini Coolers or Ice Bucket and Tray			
Code	Description	Packing	Price/Pack
525300	24 Microtube 1.5ml.	1	9445.00
525310	24 Cryovial 1.8ml.	1	9445.00
525320	96 PCR tubes or strips or plate	1	9445.00
525330	384 Well PCR Plate	1	12593.00
525340	1.5ml tubes and PCR tubes or strips	1	9445.00

\* Ice bucket must be ordered separately





**276** Ice Bucket with Lid

Material : PUR

Durable rigid ice bucket is unbreakable in normal use. Excellent insulating properties. Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone.

Code	Capacity Ltr.	Dimension mm.	Packing	Price/Pack	Price/ 6 Packs
525150	2.5	335x281x118	1	2989.00	17037.00
525160	4.5	335x285x187	1	4269.00	24333.00

For Bulk Pack add suffix A after the Code No.



**277** Ice Tray without Lid

Material : PUR

Durable rigid ice bucket is unbreakable in normal use. Excellent insulating properties. Suitable for use with liquid nitrogen, dry ice, water-ice salt solution and acetone.

Code	Capacity Ltr.	Dimension mm.	Packing	Price/Pack	Price/ 6 Packs
525120	1 L	210x185x118	2	2083.00	11873.00
525130	4 L	380x262x156	1	2350.00	13395.00
525140	9 L	501x358x155	1	4173.00	23786.00

For Bulk Pack add suffix A after the Code No.



**278A** Cryo Gloves

These gloves have superior thermal protection for hand and arm protection in ultra cold environment.

<b>Application Environment</b>			
Ultra Low Blast Freezers	Clinical Laboratory		
Cold Rooms	Bio Medical		
Dry Ice Handling	Blood Banks		
Frozen Food Processing			
Pharmaceutical			
Code	Description	Packing	Price/Pack
371010	Wrist S	1 pair	18883.00
371020	Wrist M	1 pair	18883.00
371030	Wrist L	1 pair	18883.00
371040	Wrist XL	1 pair	18883.00
371050	Mid Arm S	1 pair	19890.00
371060	Mid Arm M	1 pair	19890.00
371070	Mid Arm L	1 pair	19890.00
371080	Mid Arm XL	1 pair	19890.00
371090	Elbow S	1 pair	25167.00
371100	Elbow M	1 pair	25167.00
371110	Elbow L	1 pair	25167.00
371120	Elbow XL	1 pair	25167.00



**278A/B**

**278B** Cryo Gloves Water Proof

These water proof gloves are comfortable when working in cryogenic atmospheres for extended period and protects from splashes of cryogenic liquid.

<b>Application Environment</b>			
LN2 atmospheres and environment	Fertility Clinic		
Refrigerated Liquids Bath	Bio Medical		
Cryo Freezers	Genetic and Bio Technology		
Cryogenic Grinding	Pharmaceutical		
Code	Description	Packing	Price/Pack
381010	Wrist S	1 pair	24824.00
381020	Wrist M	1 pair	24824.00
381030	Wrist L	1 pair	24824.00
381040	Wrist XL	1 pair	24824.00
381050	Mid Arm S	1 pair	26752.00
381060	Mid Arm M	1 pair	26752.00
381070	Mid Arm L	1 pair	26752.00
381080	Mid Arm XL	1 pair	26752.00
381090	Elbow S	1 pair	33093.00
381100	Elbow M	1 pair	33093.00
381110	Elbow L	1 pair	33093.00
381120	Elbow XL	1 pair	33093.00

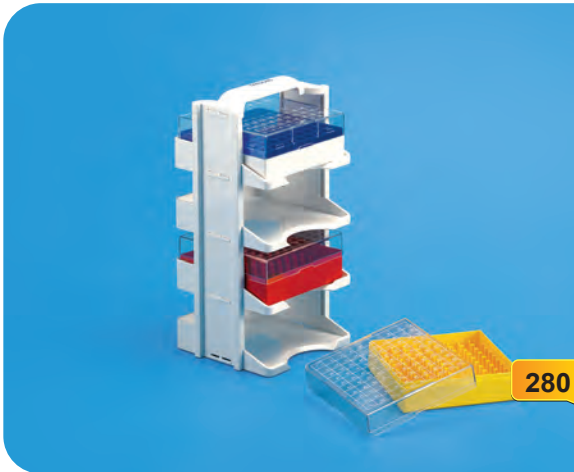
**279** Cryo Apron

Cryo Apron provides warmth and splashes protection for torso and legs. Has adjustable strap at neck and waist with side release buckles.

<b>Application Environment</b>			
Cold room / Walking Freezer	Cryo Preservation Facilities		
Blast Freezers	Cryogenic liquid producers		
Delivery and Filling of Cryogenic Liquid	Clinical Lab		
	Bio Medical		
	Blood Banks		
	Frozen Food Processing		
Code	Length	Packing	Price/Pack
391010	36"	1	24824.00
391020	42"	1	27030.00
391030	48"	1	29788.00
391040	54"	1	31988.00



**279**



280

**280 Cryo Box Rack**

Material : PC

Code	lxbxh cm	Places	Packing	Price/Pack	Price/8 Packs
524031	14x14x30	4 boxes	2	4135.00	31426.00
524034	14x14x60	8 boxes	2	7791.00	59212.00
524032	14x14x7	1 box	1	486.00	3694.00

For Bulk Pack add suffix A after the Code No.



281

**281 Vertical rack for Chest Freezers (Locking Rod Included)**

Material : SS

Code	Description	Dim(WxDxH) mm	Packing	Price/Pack
115001	4 Place	140x140x225	1	3749.00
115002	5 Place	140x140x280	1	4662.00
115003	6 Place	140x140x335	1	5577.00
115004	7 Place	140x140x390	1	6489.00
115005	8 Place	140x140x445	1	7404.00
115006	9 Place	140x140x500	1	8316.00
115007	10 Place	140x140x555	1	9408.00
115008	11 Place	140x140x610	1	9866.00
115009	12 Place	140x140x665	1	11144.00

\* Suitable for TARSONS Cryo Box 81 Place Cat. No 524010, 81 place Cat. No. 212070 and 100 Place Cat. No 524020



282

**282 Upright Freezer Drawer Rack**

Material : SS

Code	Description	Boxes Depth	Boxes Height	(WxDxH) mm	Packing	Price/Pack
110010	9 Place	3	3	140x420x180	1	12383.00
110020	12 Place	3	4	140x420x240	1	16470.00
110030	16 Place	4	4	140x560x240	1	22147.00

\* Suitable for TARSONS Cryo Box 81 Place Cat. No 524010, 81 Place Cat. No 212070 and 100 Place Cat. No 524020

**283 Vertical Freezer Racks for Cryocube Box 100 Places**

Material : SS

Code	Plates	Dim(WxDxH) mm	Packing	Price/Pack
113070	8 places	149x159x469	1	8402.00
113080	9 places	149x159x527	1	9316.00
113090	10 places	149x159x586	1	10229.00
113100	11 places	149x159x644	1	11144.00
113110	12 places	149x159x703	1	12057.00
113120	13 places	149x159x761	1	13148.00



283

**284 Upright Freezer Racks for Cryocube Box 100 Places**

Material : SS

Code	Description	Boxes Depth	Boxes Height	Dim(WxDxH) mm	Packing	Price/Pack
113010	8 Places	2	4	149x318x235	1	8403.00
113020	12 Places	3	4	149x476x235	1	12599.00
113030	15 Places	3	5	149x476x294	1	16253.00



284

**285 Upright Freezer Rack**

Material : SS

Code	Description	Boxes Depth	Boxes Height	(WxDxH) mm	Packing	Price/Pack
110000	9 Place	3	3	140x425x170	1	8458.00
110001	12 Place	3	4	140x425x225	1	11321.00
110002	15 Place	3	5	140x425x280	1	14147.00
110003	12 Place	4	3	140x565x170	1	11281.00
110004	16 Place	4	4	140x565x225	1	15047.00
110005	20 Place	4	5	140x565x280	1	19547.00

\* Suitable for TARSONS Cryo Box 81 Place Cat. No 524010, 81 place Cat. No. 212070 and 100 Place Cat. No 524020



285



**286**

**286 Tissue Culture Flask - Sterile**

Material : Medical Grade PS conforming to USP Class VI

Code	Size cm <sup>2</sup>	Packing	Price/Pack
950010	25	200	12655.00
950020	75	100	12612.00
950031	175	40	9360.00



**287**

**287 Tissue Culture Flask with Filter Cap - Sterile**

Material : Medical Grade PS conforming to USP Class VI

Code	Size cm <sup>2</sup>	Packing	Price/Pack
950040	25	200	15063.00
950050	75	100	15044.00
950061	175	40	10826.00



**288**

**288 Tissue Culture Plate - Sterile**

Material : Medical Grade PS conforming to USP Class VI

Code	Capacity	Packing	Price/Pack
980010	6 wells	50	7218.00
980020	12 wells	50	7827.00
980030	24 wells	50	7827.00
980051	48 wells	50	8738.00
980040	96 F wells	50	7067.00



**289**

**289 Tissue Culture Petri Dish - Sterile**

Material : Medical Grade PS conforming to USP Class VI

Code	Size mm	Packing	Price/Pack
960010	35	500	9944.00
960020	60	500	11755.00
960031	100	200	7365.00

### 290 Cell culture Tube with Filter Screw Cap, Sterile

Material : PP tube with vented HDPE closure with 0.2 μ PTFE filter conforming to USP Class VI. Free of detectable pyrogens, RNase & DNase.

Individually wrapped. Max RCF 12000 x g

Ideal for Cell line development, Clone selection, Media optimization, Recombinant protein development and high throughput process optimization for suspension cell culture. Ideal for large-scale screening and optimizing of suspension cell system process development. The crucial parameters for the production upscaling can be analysed in small amounts. This makes it cost-effective and increases the process efficiency.

Code	Capacity mL	OD x L(mm)	Packing	Price /Pack	Price / 6 Packs
546023	15	17x122	100	6000.00	34200.00
546024	50	29x116	100	7500.00	42750.00

NEW!

290

NEW!

291

### 291 Sterile Culture Tube with dual position Snap Cap

Material : PS tube with LDPE Cap.

Dual position caps provide either aerobic or anaerobic storage of samples. Leave the dual position snap cap in the loose position for aerobic work and in the sealed position for anaerobic cultures.

Code	Size mm	Capacity ml	Packing	Price/Pack	Price/10Packs
860020	17 X 100	15	500	5397.00	51272.00

NEW!

292

### 292 PLANTON - Plant Tissue Culture Container

Material : PC/PP Autoclavable

This autoclavable container has transparent polycarbonate body and polypropylene cap, ensures high light transmission. Unique cap and drip ring makes the container ideal for plant tissue culture.

Code	lxbxh cm	Packing	Price/Pack	Price/24 Packs
020080	7.5x7.5x10	12	2097.00	47812.00

For Bulk Pack add suffix A after the Code No.

NEW!

293

### 293 Cell Scraper, Sterile, Individually packed

Material: PS handle and LDPE blade. Specially designed to facilitate the collection of attached cells on culture dishes, flasks, or plates. Free of detectable DNase, RNase & pyrogen.

Code	Size mm(L x Blade width)	Packing	Price/Pack
960051	232x13	100	11773.00
960052	295x20	100	14534.00

**294** BYTAC® Bench Protector

Material : FEP/VINYL

Bytac is a laminate consisting of FEP film that is bonded to vinyl backing. Bytac provides an easy and economical way to protect bench tops, fume hood surfaces with a non-stick chemical resistant fluoropolymer film. It creates a non-absorbent, contamination free surface that can be washed with chlorine bleach for clinical and biological labs. Corrosive chemicals or sticky substances are easily removed by wiping with a damp sponge.

Code	Size (W x L cm)	Packing	Price/Pack
391000	32 x 460	1 Roll	63803.00
392000	63.5 x 460	1 Roll	117374.00



**295** Parafilm M®

Parafilm M® is a thermoplastic self-sealing film that holds moisture loss to a minimum and offers excellent barrier protection to the content of tubes, beakers, flasks, petridish, vials etc

Code	Size (W x L)	Packing	Price/Pack	Price/12 Packs
380010	2" x 250'	1	3177.00	36218.00
380020	4" x 125'	1	3006.00	34268.00
380030	20" X 50'	1	7519.00	85717.00

For Bulk Pack add suffix A after the code No.



**296** Parafilm Dispenser

This dispenser is designed for smooth film withdraws and clean quick cutting blade cutter small slides across for desired length section. Dispenser holds one or two of 2" rolls or one 4" roll

Code	Packing	Price/Pack
380000	1 PC	4843.00

This dispenser dose not include PARAFILM

**297** Petri Seal

A sealing tape designed specifically for Petri Dish and Multiwall Plates to reduce evaporation and prevent contamination.

Code	Size	Packing	Price/Pack
570011	0.5"x108'	1 Roll	6199.00

For colour put the following suffix after the Code No.  
B=Blue, C=Clear, R=Red, W=White, Y=Yellow



**298** Indicator Tape for Steam Autoclave

Versatile tape indicates completion of normal sterilization process

Code	Size	Packing	Price/Pack
670060	1" x 2160"	1 Roll	7392.00



**299** Spilifyter Lab Soakers

Chemical and skid resistant backing absorbs spills and cushion delicate glassware. Used for lining hoods, animal cages, trays, drawers or shelves. Can be used as bench top protector and as floor soaker for wiping up spills.

**Light Duty Soakers absorbs 750 ml / sq meter**

Code	Size	Packing	Price/Pack
590010	16"x20" pad	250 pads	12873.00
590020	20"x400' roll	1 Roll	10324.00

**Heavy Duty Soakers absorbs 1050 ml / sq meter**

Code	Size	Packing	Price/Pack
590030	16"x20" pad	200 pads	16825.00
590040	20"x200' roll	1 Roll	10246.00





**300**

**300 Tough Tags**

These are chemically inert polyester labels which will strongly adhere to all plastics and other material. They are temperature resistant from -40°C to 121°C. These labels will withstand autoclaving, boiling water baths, freezer temperatures, organic solvents, caustic agents and other challenges without peeling.

Code	Description	lxb mm	Packing	Price/Pack	Price/6 Packs
500060	Tough Tags	24X12.7	1000	4851.00	27651.00
500070	Tough Tags	32.5X12.7	1000	5552.00	31646.00
500080	Tough Spots	dia 9.5	1000	4161.00	23718.00
500085	Tough Spots	dia 12.7	1000	4161.00	23718.00

Tough Tags. For colour put the following suffix after the Code No.  
B = Blue, G = Green, R = Red, W = White.  
Tough Spots. For colour put the following suffix after the Code No.  
B = Blue. G = Green. O = Orange. R = Red. Y = Yellow. W = White.



**301**

**301 Tough Spots Assorted Colors**

Code	Description	Packing	Price/Pack	Price/6 Packs
500081	3/8" Tough-Spots, 5-up Assorted Colors	5000/roll	17640.00	100548.00
500082	1/2" Tough-Spots, 5-up Assorted Colors	5000/roll	17640.00	100548.00

For Bulk Pack add suffix A after the Code No.



**302**

**302 Cryo Babies / Cryo Tags**

These labels withstand conventional and cryogenic storage conditions. The label withstands boiling water baths at 100°C and dry heat upto 150°C without degrading.

Code	Description	lxb mm	Packing	Price/Pack
526070	Cryo Babies	32.5x12.7	1000	4862.00
523090	Cryo Tags	38x19	1000	4862.00



**303**

**303 Laser Cryo Babies / Cryo Tags**

Code	Description	lxb	Packing	Price/Pack
526080	Laser Cryo Babies	1.28x0.50"	1700	10336.00
526090	Laser Cryo Babies	0.94x0.50"	2380	10165.00
523092	Laser Cryo Tags	1.69x0.75"	1040	10374.00
523093	Laser Cryo Tags	1.50x0.75"	1200	10347.00
523094	Laser Cryo Tags	2.625x1.00"	600	10332.00

**304** Tough Tags Station

Tough Tag Station holds upto six standard sized boxes of Tough Tags. Tough Spots or Cryo Babies.

Code	Packing	Price/Pack
500090	1	12418.00



**304**

**305** Multipurpose Labelling Tape

Autoclavable tapes adhere to almost any dry surface i.e. glass, plastics, metal, paper or rubber. Sticks throughout the most demanding procedures and is oil proof, water proof and acid resistant.

Code	Size	Packing	Price/Pack
680000	0.75"x500"	1 Roll	1139.00

For colour put the following suffix after the Code No.  
B=Blue, G=Green, O=Orange, W=White, Y=Yellow



**305**

**306** Multi Tape Dispenser

These dispensers facilitate easy dispensing from one convenient location. Unique design allows fast additional or replacement of tape roll.

Code	Size	Packing	Price/Pack
680011	for 500" Roll	1 Roll	10986.00



**306**

**307** Markers

Code	Description	Packing	Price/Pack
930022	Marker Red, Blue, Green, Black	4	1962.00
930011	Cryogenic Marker	1	1132.00



**307**



308

**308** Petri dishes with triple vent Radiation Sterile

Material : PS conforming to US FDA 21 CFR

Vented dishes have elevated lid which allows for good gas exchange and encourage evaporation. This design is useful when the poured dishes are to be used as soon as possible. The design of the dish maintains sterility because the particles would have to go up and over the dish wall to get inside which is very rare in normal airflow.

Code	(dia x h) mm	Packing	Price/Pack	Price/20 Packs
460035	35 X 15	500	3832.00	72808.00
460038	35 X 15	500 sleeve of 10	3584.00	68096.00
460062	60 x 15	250	2137.00	40603.00
460061	60 x 15	360 sleeve of 15	2934.00	55746.00
460090	90 x 14	450 individual packing	4644.00	88236.00
460091	90 x 14	480 packed in sleeve of 10	4452.00	84588.00
460095	90 x 14	480 packed in sleeve of 20	4326.00	82194.00
460140	140 x 16	136	5542.00	105298.00



309

**309** Petri dishes non vented Radiation Sterile

Material : PS conforming to US FDA 21 CFR

Non vented dishes have lid which fits flatly on the base resulting in less potential for external contamination and significantly reduced evaporation rate.

Code	(dia x h) mm	Packing	Price/Pack	Price/20 Packs
460020	90 x 14	450	4644.00	88236.00
460030	90 x 14	480 packed in sleeve of 10	4452.00	84588.00
460040	90 x 14	480 packed in sleeve of 20	4326.00	82194.00



310

**310** Aseptic Petridish

Material : PS conforming to US FDA 21 CFR

These petri dishes are manufactured in clean room under aseptic conditions which ensures no contact with any contaminants Aseptically produced Petridishes are particulate free and have the added advantage of being free of chemical residues produced by ETO which causes false negative reading. It also eliminates discolouration and stress caused by Radiation Sterilization

Code	(Dia x h) mm	Packing	Price/Pack	Price/20 Packs
<b>Triple Vent</b>				
460051	90 x 14	450 individual packed	4131.00	78489.00
460092	90 x 14	500 packed in sleeve of 20	4053.00	77007.00
<b>Non Vented</b>				
460050	90 x 14	500 packed in sleeve of 20	4053.00	77007.00

For Bulk Pack add suffix A after the Code No.

**311** Petri dish Square vented 125 mm x 125 mm

Material : Clear PS conforming to US FDA 21 CFR.

Vented dishes allow better gas exchange. Stackable and optimized for use on automated platform. Used in colony picking and antibiogram applications.

Code	(l x h)mm	Sterilization	No./Sleeve	No./Pack	Price/Pack	Price 20Packs
460120	120 X 17	Sterile	10	240	11760.00	223440.00
460121	120 X 17	Aseptic	10	240	11760.00	223440.00

NEW!

311

**312** Contact Plate Radiation Sterile

Material : PS conforming to US FDA 21 CFR

Contact plates are used in routine hygiene monitoring of surfaces triple vent aids gas exchange and numbered grid on the base facilitates colony counting.

Code	Size	Type	Packing	Price/Pack	Price/20 Packs
460065	55 x 14 mm	Flat	400	3193.00	60667.00
460070	55 x 14 mm	Dome	360	2880.00	54720.00

312

**313** Petri Dish Autoclavable

Material : PP conforming to US FDA 21 CFR Autoclavable

Code	mm	Packing	Price/Pack	Price/24 Packs
462010	50	12	513.00	11696.00
462020	75	12	615.00	14022.00
462030	100	12	714.00	16279.00
462040	125	12	1095.00	24966.00

Material : PMP (TPX\*) conforming to US FDA 21 CFR Autoclavable

Code	mm	Packing	Price/Pack	Price/24 Packs
461010	50	12	1362.00	31054.00
461020	75	12	2697.00	61492.00
461030	100	12	2892.00	65938.00
461040	125	12	4407.00	100480.00

313

**314** Petridish Triple Vent Extra Depth Radiation Sterile

Material : PS conforming to US FDA 21 CFR

The extra depth is an advantage for plant tissue culture experiment.

Code	(dia x h) mm	Packing	Price/Pack	Price/20 Packs
460094	90 x 20	360	4194.00	79686.00
460096	90 x 20	360 packed in sleeve of 15	3915.00	74385.00

314

For Bulk Pack add suffix A after the Code No.



315

**315** Soft Loop Sterile

Material : PS

This non-toxic disposable loop is accurate to semi-quantitative standard for handling sample. The surface is treated to enhance adhesion of droplets.

Code	Description	Packing	Price/Pack
920051	Soft Loop - 1ul pouch of 10	100	613.00
920061	Soft Loop - 10ul pouch of 10	100	613.00
920071	Inoculation Needle Pouch of 20	100	613.00



316

**316** L Shaped Spreader Sterile

Material : PS

This sterile, smooth spreader enables even spreading of liquid sample across the surface of agar plate without gouging or cutting the medium.

Code	Description	Packing	Price/Pack
920082	L Shaped spreader individual packing	100	1562.00

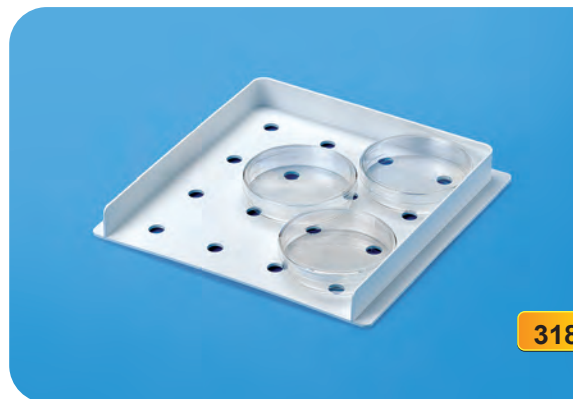


317

**317** Rack for Petri Dish

Material : PMMA/PC

Code	Places	mm	Packing	Price/Pack
270090	60	90	2	4804.00
270060	56	60	2	4405.00
270070	56	Contact Plate	2	4405.00



318

**318** Incubation Tray

Material : RPP Autoclavable

Code	Packing	Price/Pack
525190	4	1536.00

### 319 Maxiamp PCR® Tubes

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Capacity ml.	Type	Packing	Price/Pack	Price/10 Packs
510051	0.2	Flat	1000	2112.00	20064.00
510052	0.5	Flat	1000	2112.00	20064.00
510053	0.2	Domed	1000	2112.00	20064.00



319

### 320 Maxiamp 0.2ml Tube Strips with Cap

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Tube	Cap	Packing	Price/Pack	Price/10 Packs
610040	Clear	Flat, Clear	125	4738.00	45011.00
610050	Clear	Domed, Clear	125	5124.00	48678.00
610060	Clear	Flat, Ultra clear	125	5124.00	48678.00
610070	White	Flat, Ultra clear	125	5717.00	54312.00
510073	Ultra Clear Cap for Strips/Plates 0.1/0.2 ml	Flat, Ultra clear	125	2034.00	19323.00



320

### 321 Maxiamp 0.2ml Tube Strips with attached Cap

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Tube	Cap	Packing	Price/Pack	Price/10 Packs
610080	Clear	Flat Ultra Clear	120	5718.00	54321.00
610090	White	Flat Ultra Clear	120	6180.00	58710.00

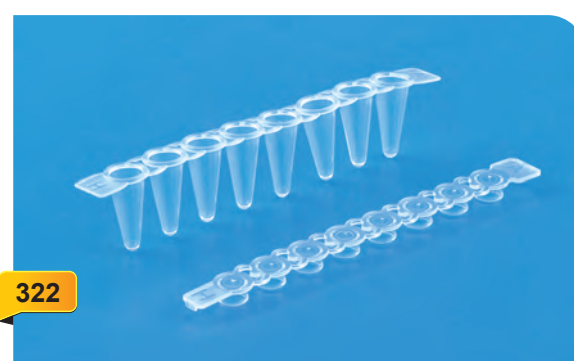


321

### 322 Maxiamp 0.1ml Tube Strips with Cap

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Tube	Cap	Packing	Price/Pack	Price/10 Packs
611010	Clear	Flat, Clear	125	4687.00	44527.00
611020	Clear	Domed, Clear	125	5124.00	48678.00
611030	Clear	Flat, Ultra Clear	125	5562.00	52839.00
611040	White	Flat, Ultra Clear	125	6159.00	58511.00



322

### 323 Corbett - Type Strip Tubes and Caps

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

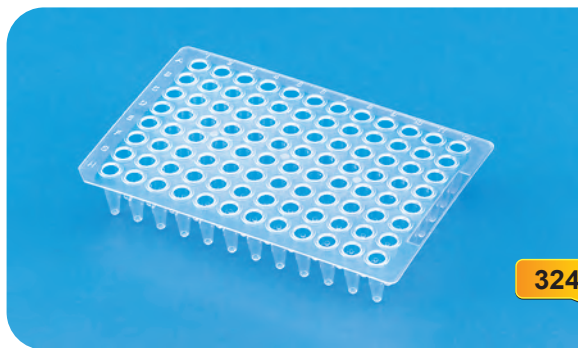
Compatible with Qiagen® / Corbett Rotor-Gene® Instruments. Rotor-Gene and Qiagen are Registered Trademarks of the Qiagen Group.

Code	Capacity	Packing	Price/Pack	Price/10Packs
510059	100ul	250	5600.00	53200.00



323

For Bulk Pack add suffix A after the Code No.



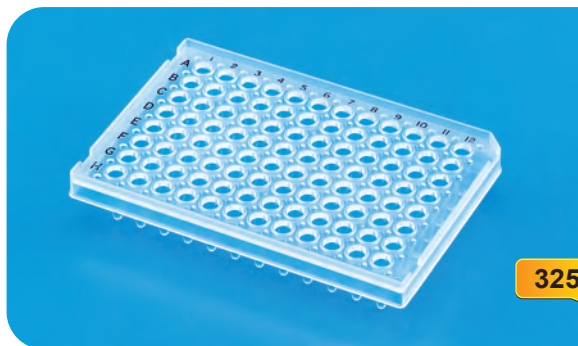
324

**324 Non Skirted 96 Wells Standard Profile PCR Plate**

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. Autoclavable. **CUT Corner : H1**

Code	Capacity ml.	Packing	Price/Pack	Price/5Packs
612010	0.2ml	50	8605.00	40874.00

# White plates available on request



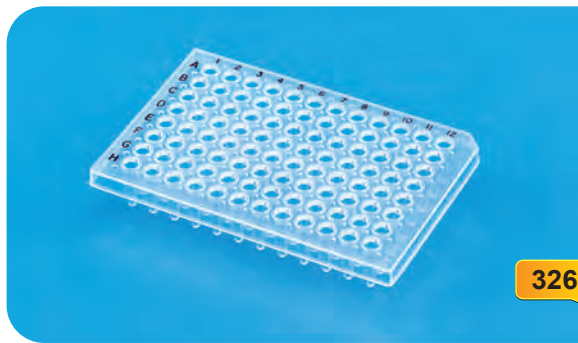
325

**325 Semi Skirted Raised Deck 96 Wells Standard Profile PCR Plate**

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. Autoclavable. **CUT Corner : A12**

Code	Capacity ml.	Packing	Price/Pack	Price/5Packs
612020	0.2	50	11695.00	55551.00

# Barcoded and white plates available on request



326

**326 Semi Skirted 96 Wells Standard Profile PCR Plate**

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. Autoclavable. **CUT Corner : A12**

Code	Capacity ml.	Packing	Price/Pack	Price/5Packs
612030	0.2	50	11470.00	54483.00

# Barcoded and white plates available on request



327

**327 Semi Skirted Raised Deck Contoured side 96 Wells Standard Profile Plate**

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. Autoclavable. **CUT Corner : A12**

Code	Capacity ml.	Packing	Price/Pack	Price/5Packs
612040	0.2	50	12200.00	57950.00

# Barcoded and white plates available on request



328

**328 384 Well PCR Plate, 35 µl**

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. Autoclavable.

Code	Cut Corner	Packing	Price/Pack	Price/5Packs
613060	A24, P24- Roche type	50	13750.00	65313.00
613070	A24 - ABI type	50	13750.00	65313.00

# Barcoded and white plates available on request

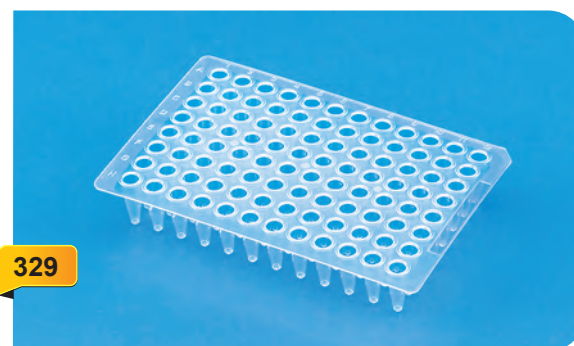
For Bulk Pack add suffix A after the Code No.

**329** Non Skirted 96 Wells Low Profile PCR Plate

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. **CUT Corner : H12**

Code	Capacity ml	Packing	Price/Pack	Price/5Packs
613010	0.1	50	8405.00	39924.00

# White plates available on request



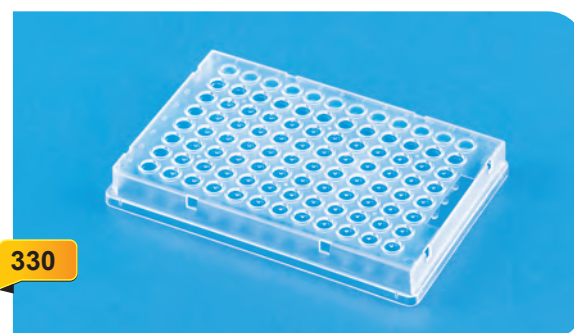
329

**330** Skirted 96 Wells Low Profile Plate

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. **CUT Corner : Natural A12 - White H1**

Certified DNase, RNase, Pyrogen free				
Code	Capacity ml.	Packing	Price/Pack	Price/5Packs
613020	0.1	50	11138.00	52906.00

# Barcoded and white plates available on request



330

**331** Semi Skirted 96 Wells ABI® Fast Block Type Low Profile PCR Plate

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. **CUT Corner : A1, Raised Deck**

Code	Capacity ml	Packing	Price/Pack	Price/5Packs
613030	0.1	50	10924.00	51889.00

# Barcoded and white plates available on request



331

**332A** Semi Skirted 96 Wells Roche® Light Cycler Type Low Profile

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable. **CUT Corner : H12, White Plate**

Certified DNase, RNase, Pyrogen free				
Code	Capacity ml	Packing	Price/Pack	Price/5Packs
613040	0.1	50	11138.00	52906.00

**332B** Roche® LC480 Type Low Profile 96 well Plate with Adhesive Sealer

Material : PP conforming to US FDA 21 CFR Autoclavable, White Plate. Free of detectable DNase, RNase and Pyrogen.

Code	Capacity ml.	Packing	Price/Pack	Price/5Packs
613050	0.1	50	21233.00	100857.00

# Barcoded plates available on request



332A/B

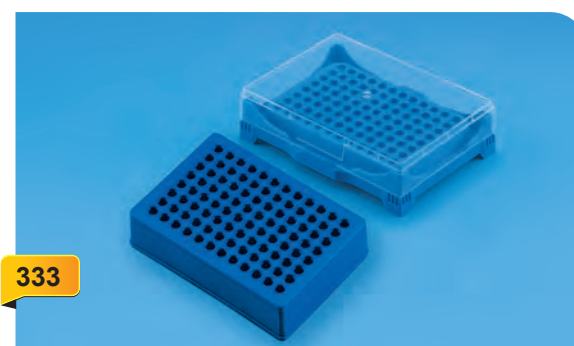
**333** PCR Workstation Rack

Material : PP Autoclavable

Convenient Polypropylene rack for 0.1/0.2 ml PCR tubes, strips and plates  
Free of detectable DNase, RNase

Code	Places	Packing	Price/Pack	Price/5Packs
241000	96	6	2943.00	13979.00
240060	96	6	2472.00	11742.00

For Bulk Pack add suffix A after the Code No.



333



# PCR<sup>®</sup> Plates

## Thermal Cycler Compatibility

Catalog No. / Plate for	Non Skirted		Semi Skirted				Full Skirted			
	612010 0.2 mL H1 Cut Corner	613010 0.1 mL Low profile H12 Cut Corner	612020 0.2 mL raised deck A12 Cut Corner	612030 0.2 mL A12 Cut Corner	612040 0.2 mL Contoured raised deck A12 Cut Corner	613030 0.1 mL Low profile raised deck A1 Cut Corner	613040 0.1 mL Low profile H12 Cut Corner	613020 0.1 mL Low profile H1 Cut Corner	613060 A24 & P24 Cut Corner	613070 A24 Cut Corner
<b>Well Format</b>	96 Well						384 Well			
Standard well (nominal volume 200 µl; approx. height 21 mm)	•			•	•					
Low profile well (nominal volume 100 µl; approx. height 16 mm)		•	•			•	•	•		
Low profile well (nominal volume 35 µl; approx. height 10 mm)									•	•
<b>Manufacturer</b>	<b>Compatibility</b>									
<b>Applied Biosystems</b>										
2700 / 2720				•	•					
7000 / 7300			•	•	•					
7500			•	•	•					
7500 FAST						•				
9700			•	•	•					•
9800						•				
Automated Thermal Cycler			•	•	•					•
MiniAmp / MiniAmp Plus			•	•	•					
ProFlex			•	•	•					•
Quant Studio 3			•	•	•	•				
Quant Studio 5 / 6 / 7 / 12K			•	•	•	•				•
SimpliAmp			•	•	•					
Veriti / Veriti DX / ViiA7			•	•	•	•				•
7900 HT			•	•	•	•				•
StepOne Plus						•				
<b>Agilent</b>										
AriaMx		•						•		
Gradient Cycler	•	•		•				•		•
MX3000P / MX3005P / MX4000	•			•						
RoboCycler	•	•		•				•		
SureCycler 8800	•	•								•
<b>Analytik Jena / B ometra</b>										
FlexCycler2	•	•		•				•		
qTower	•	•		•				•		
SpeedCycler2	•	•		•				•		
T1		•		•				•		•
Tadvanced	•	•		•				•		•
Tgradient	•	•		•				•		•
Tone	•	•		•				•		
Tprofessional	•	•		•				•		
Trobot	•	•		•				•		•
<b>Axygen</b>										
MaxyGene II	•			•			•			
<b>Bioer / Bulldog</b>										
GeneTouch	•	•		•				•		•
GeneTouch Plus	•	•		•				•		
LifeECO / LifePro / LifeTouch	•	•		•				•		
<b>Bio-Rad</b>										
C1000/C1000 Touch	•	•		•				•		•
CFX Connect		•						•		
CFX Touch		•						•		•
Chromo4	•	•		•				•		
DNA Engine	•	•		•				•		•
iCycler / iCycler IQ / iQ5 / MyIQ / MyIQ2	•			•						
Opticon		•						•		
PTC-200	•	•		•				•		•
S1000	•	•		•				•		•
T100	•			•						

# PCR<sup>®</sup> Plates

## Thermal Cycler Compatibility

Catalog No. / Plate for	Non Skirted		Semi Skirted				Full Skirted			
	612010 0.2 mL H1 Cut Corner	613010 0.1 mL Low profile H12 Cut Corner	612020 0.2 mL raised deck A12 Cut Corner	612030 0.2 mL A12 Cut Corner	612040 0.2 mL Contoured raised deck A12 Cut Corner	613030 0.1 mL Low profile raised deck A1 Cut Corner	613040 0.1 mL Low profile H12 Cut Corner	613020 0.1 mL Low profile H1 Cut Corner	613060 A24 & P24 Cut Corner	613070 A24 Cut Corner
<b>Well Format</b>	96 Well							384 Well		
Standard well (nominal volume 200 µl; approx. height 21 mm)	•		•	•	•					
Low profile well (nominal volume 100 µl; approx. height 16 mm)		•				•	•	•		
Low profile well (nominal volume 35 µl; approx. height 10 mm)									•	•
<b>Manufacturer</b>	<b>Compatibility</b>									
<b>Bruker / Hain Lifesciences</b>										
GTQ-Cycler 96	•	•		•			•	•		
<b>Cole Parmer / Tachne</b>										
Flexigene	•	•		•						•
Genius	•	•		•						
Prime / Prime Elite	•	•		•				•		•
PrimeQ / Quantica	•	•		•				•		
TC-4000 / TC-412 / TC-5000	•	•		•						•
TC-512	•	•		•				•		
TC-PLUS	•	•		•				•		•
<b>DLab</b>										
TC1000-G	•	•		•				•		
<b>Eastwin</b>										
ETC811 / ETC821	•			•						
<b>Eppendorf</b>										
Mastercycler Gradient	•	•		•				•		•
Mastercycler ep Gradient	•	•		•				•		•
Mastercycler Nexxux / Nexux Eco	•	•		•				•		
Mastercycler Pro / X50	•	•		•				•		•
Mastercycler ep Realplex	•	•		•				•		
<b>Esco</b>										
Aeris / Swift MaxPro	•	•		•				•		•
<b>Genestorm / Agilegene</b>										
GS1 / GS2 / GS4	•	•		•				•		•
<b>Kyratec</b>										
SuperCycler Trinity	•	•		•				•		
<b>Labnet</b>										
MultiGene / OptiMax	•			•						
<b>MWG Biotech</b>										
Primus	•	•		•				•		•
The Q LifeCycler	•	•		•				•		
<b>peqLab / VWR</b>										
peqSTAR 2x	•	•		•			•	•		
peqSTAR X / Uno	•	•		•			•	•		•
<b>Roche</b>										
LightCycler 480	•	•		•						
LightCycler 96	•	•		•						
<b>SensoQuest</b>										
Labcycler	•	•		•				•		•
<b>TakaRa</b>										
TP3000	•	•		•						
<b>ThermoFisher</b>										
Arktik / Hybaid MBS / Hybaid PX2/PXE	•	•		•				•		•



**334**



**335A/B**



**336**



**337**



**338A**

**334A** Micro Test Plate Polystyrene

Code	Description	Packing	Price/Pack
941196	Flat Bottom	50	3150.00
941296	U Bottom	50	3150.00
941396	V Bottom	50	3150.00

**334B** Immuno Assay Plates 96 Wells Polystyrene

Code	Description	Pack	Price/Pack
941496	High binding flat bottom	50	6038.00

**335A** 96 Well Polypropylene Micro Plate

PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Color	Well Bottom	Pack	Price
510060	390 µl.	Natural	Flat bottom	50	4200.00
510063	390 µl.	White	Flat bottom	50	5775.00
510061	350 µl.	Natural	'U' bottom	50	4200.00
510064	350 µl.	White	'U' bottom	50	5775.00
510062	340 µl.	Natural	'V' bottom	50	4200.00
510065	340 µl.	White	'V' bottom	50	5775.00

**335B** 96 Well Extended volume Polypropylene Micro Plate

Code	Well Volume	Color	Well Bottom	Pack	Price
520071	500 µl	Natural	'V' bottom	50	4750.00
520072	500 µl	Natural	'U' bottom	50	4750.00

**336** 384 Well Polypropylene Micro Plate

Material : PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Height (mm)	Well Vol.	Color	Well Shape	Well Bottom	Pack	Price/Pack
520073	14.5	130µl	Natural	Square	U	50	15000.00
520074	14.5	130µl	Natural	Square	Pyramid	50	15000.00

**337** Optical Plate Seal

This disposable adhesive seal provides the best sealing option of plates. The Optical PCR Plate Seal is non pierceable but can be easily removed after the PCR reaction is performed. A pressure applied by the heated lid of a thermal cycler is needed to keep the seal well closed during thermal cycling. Opti-seal has excellent optical properties and is therefore a good choice for Real Time PCR applications. Temperature range -20°C to 120°C

Code	Packing	Price/Pack
157300	100	14042.00

**338A** Silicone Sealing Mat for Plates

Code	Description	Packing	Price/Pack
510170	Sealing mat for PCR Plate	50	11550.00
510171	For 96 DeepWell Plate 0.8 ml round well	50	11550.00
510172	For 96 DeepWell Plate 1.1/2ml round well	50	11550.00
510173	For 96 DeepWell Plate 2.2/2.5ml square well	50	11550.00
510174	For 48 Deep Well Plate 5ml rectangular	50	11550.00
510175	For 24 Deep Well Plate 10ml square	50	11550.00

**338B** Sealing Paddle & Roller

Code	Description	Packing	Price/Pack
157310	Film Sealing Paddle	1	400.00
157311	Plate Sealing Roller	1	3450.00

**339** 96 Well Deep Well Storage Plate for Magnetic Separator

PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price /	Price/ 5Packs
510066	0.8 ml.	Round	'V' bottom	50	11550.00	54863.00

NEW!



339

**340** 96 Well Deep Well Storage Plate

PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price / Pack	Price/ 5Packs
510067	1.1 ml. low profile	Round	'U' bottom	50	9450.00	44888.00
510069	1.2 ml.	Round	'U' bottom	50	12600.00	59850.00
510068	2.0 ml.	Round	'U' bottom	50	14438.00	68581.00

NEW!



340

**341** 96 Well Square Deep Well Plate

PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price / Pack	Price/ 5Packs
510077	2.2 ml.	Square	Pyramid	50	16170.00	76808.00
510078	2.4 ml.	Square	'U' bottom	50	16170.00	76808.00

NEW!



341

**342** 384 Well Square Deep Well Storage Micro Plate

PP conforming to USP class VI, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price
510220	240µl	Square	Pyramid	50	15750.00

NEW!



342

For Bulk Pack add suffix A after the Code No.



**343** 48 Well Clear 5 ml, Rectangular Well Deep Well Plate, PP

Manufactured from Medical grade virgin polypropylene. Used for sample collection, in vitro growth chambers, and long-term storage. Can be heat sealed and stored in temperatures from -80°C to 120°C. HTS-friendly—compatible with most liquid-handling robots. Manufactured in ISO class 8 cleanroom facilities. Free of detectable RNase, DNase, and endotoxins. Plate height 44 mm.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price/Pack
510080	5 ml.	Rectangular	Pyramid	50	12500.00
510080S	5 ml Sterile	Rectangular	'V' bottom	50	15000.00

\*\* Bar-coded plates available on request.



**344** 24 Well Clear 10 ml, Square Well Deep Well Plate, PP

Manufactured from Medical grade virgin polypropylene. Used for sample collection, in vitro growth chambers, and long-term storage. Can be heat sealed and stored in temperatures from -80°C to 120°C. HTS-friendly—compatible with most liquid-handling robots. Manufactured in ISO class 8 cleanroom facilities. Free of detectable RNase, DNase, and endotoxins. Plate height 44 mm.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price/Pack
510081	10 ml.	Square	Pyramid	50	12500.00
510081S	10 ml Sterile	Square	Pyramid	50	15000.00
510082	10 ml	Square	'U' bottom	50	12500.00
510082S	10 ml Sterile	Square	'U' bottom	50	15000.00

\*\* Bar-coded plates available on request.



**345** 12 Channel Reservoir Multi Well Plate, 21 ml Channel, Pyramid bottom, PP

Manufactured from Medical grade virgin polypropylene. Perfect for storing volumes of samples to be pipetted into other microplates for further applications. HTS-friendly—compatible with most liquid-handling robots. Manufactured in ISO class 8 cleanroom facilities. Free of detectable RNase, DNase, and endotoxins. Plate height 44 mm. Pyramid channel bases ensure small-volume recovery.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price/Pack
524092	21 ml	Rectangular	Pyramid bottom	50	12500.00



**346** 12 Channel Reservoir Multi Well Plate, 290 ml open format, Pyramid bottom, PP

Manufactured from Medical grade virgin polypropylene. Perfect for storing volumes of samples to be pipetted into other microplates for further applications. HTS-friendly—compatible with most liquid-handling robots. Manufactured in ISO class 8 cleanroom facilities. Free of detectable RNase, DNase, and endotoxins. Plate height 44 mm. Pyramid channel bases ensure small-volume recovery.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price/Pack
524093	290 ml open format	Rectangular	Pyramid bottom	50	11250.00

### 347 Sample Library Tubes 1.1 ml

Tubes and Rack made up of Autoclavable PP. Cap made up of LDPE. Conforming to USP class VI. Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Description	Pack	Price/Pack	Price/24 Packs
510083	8 tubes Strip without Cap	120	1170.00	26676.00
510084	Individual Tubes without cap	960	1170.00	26676.00
510085	Strip cap for 8 tubes strip	120	750.00	17100.00
510086	Racked 8 Strip, without Cap	12 strips/rack 10 racks	3300.00	31350.00 ( per 10 pack)
510087	Racked 8 Tubes Strip without Cap sterile	12 strips/rack 10 racks	4500.00	42750.00 ( per 10 pack)

For Bulk Pack add suffix A after the Code No.

### 348 96 Well Square Deep Well Microplate Kingfisher™ Style

PP comply with FDA-21 CFR, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price/Pack
615020	2.0 ml.	Square	'V' bottom	50	13750.00

### 349 96 Well Square Microplate Kingfisher™ Style

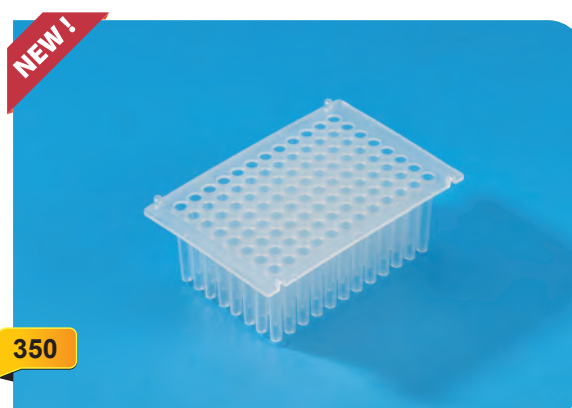
PP comply with FDA-21 CFR, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Well Volume	Well Shape	Well Bottom	Pack	Price/Pack
615010	200µl.	Square	'V' bottom	50	4500.00

### 350 96 Tip Comb for Deep Well Magnets Kingfisher™ Style

PP comply with FDA-21 CFR, Free of detectable DNase, RNase and Pyrogen. Autoclavable.

Code	Capacity	Pack	Price/Pack
615030	96 comb	100	30000.00





351

**351 Straight Connector**

Material : Medical Grade PP conforming to USP Class VI Autoclavable

These autoclavable polypropylene barbed fitting are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/ Pack
720000	1/8	3.2	10	1995.00
720010	5/32	4	10	1995.00
720020	3/16	4.8	10	1995.00
720030	1/4	6.4	10	1995.00
720040	5/16	8	10	1995.00
720050	3/8	9.5	10	1995.00
720060	1/2	12.7	10	1995.00



352

**352 Elbow Connector**

Material : Medical Grade PP Conforming to USP Class VI Autoclavable

These autoclavable polypropylene barbed fittings are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720100	1/8	3.2	10	1995.00
720110	5/32	4	10	1995.00
720120	3/16	4.8	10	1995.00
720130	1/4	6.4	10	1995.00
720140	5/16	8	10	1995.00
720150	3/8	9.5	10	1995.00
720160	1/2	12.7	10	1995.00



353

**353 T Connector**

Material : Medical Grade PP Conforming to USP Class VI Autoclavable

These autoclavable polypropylene barbed fittings are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720200	1/8	3.2	10	1995.00
720210	5/32	4	10	1995.00
720220	3/16	4.8	10	1995.00
720230	1/4	6.4	10	1995.00
720240	5/16	8	10	1995.00
720250	3/8	9.5	10	1995.00
720260	1/2	12.7	10	1995.00



354

**354 Y Connector**

Material : Medical Grade PP Conforming to USP Class VI Autoclavable

These autoclavable polypropylene barbed fittings are designed for quick easy assembly to flexible tubing in low pressure application. They have an excellent chemical resistance and meet USP class VI for use as medical components.

Code	Size inch	Size mm	Packing	Price/Pack
720300	1/8	3.2	10	2835.00
720310	3/16	4.8	10	2835.00
720320	1/4	6.4	10	2835.00
720330	3/8	9.5	10	2835.00
720340	1/2	12.7	10	2835.00

### 355 Snapper Clamp

Material : Acetal

Clamps are made of polyacetal that won't rust or corrode. Snapper clamp size will vary with hose thickness and barbed fitting sizes. An assortment kit includes 24 clamp i.e. 6 of each size 1.5, 4, 6 and 8.

Code	Packing	Price/Pack
720500	Set of 24 Pcs	1470.00



355

### 356 Pinch Clamp

Material : PP Autoclavable

ON/OFF Ratchet Clamp fits 5 mm to 9.5 mm OD tubing

Code	Packing	Price/Pack
720510	10	782.00



356

### 357 Quick Disconnect Fittings

Code	Fits Tubing / ID	Packing	Price/Pack
583125	1/4"	2	6160.00
583126	3/8"	2	6582.00



357

### 358 Tygon Laboratory Tubing

Crystal clear and flexible. Tygon laboratory tubing handles virtually all inorganic chemicals found in the lab. It is non-oxidizing and non-contaminating. This tube can be autoclaved and is flexible even at -43°C. Durometer hardness shore A55. Can be used with condensers, incubators, gas lines, drain lines etc.

Code	ID x OD inch	ID x OD mm	Packing	Price/Pack
730000	1/8x3/16	3.2x4.8	15 m	6501.00
730010	5/32x7/32	4.0x5.6	15 m	8234.00
730020	3/16x1/4	4.8x6.4	15 m	8916.00
730030	1/4x3/8	6.4x9.6	15 m	22096.00
730040	5/16x7/16	8.0x11.2	15 m	26430.00
730050	3/8x1/2	9.5x12.7	15 m	31199.00
730060	1/2x5/8	12.7x15.9	15 m	37698.00



358

### 359 Tygon Vacuum Tubing

Tygon vacuum tubing is autoclavable and has extra heavy wall thickness that will withstand full vacuum at room temperature. Ideal for analytical testing of gases vapours.

Code	ID x OD inch	ID x OD mm	Packing	Price/Pack
740000	2/16x9/16	4.8x14	3 m	13864.00
740010	1/4x5/8	6.4x16	3 m	17214.00
740020	3/8x7/8	9.5x2.3	3 m	28989.00

Code 740010 compatible with ROCKYVAC, CHEMVAC and TARSONS vacuum desiccator and filter holders.



359



### Specification

Code No.	Model	Top Plate		Heating		Stirring		Dimension (W x H x D)	Power			
		Dimension	Material	Temp Range	Max Load	Speed Range	Max Capacity		VAC	Hz	Amps	Watts
4040	SPINIT™	18 x 18 cm	Ceramic	-	-	100-1200rpm	5L	32 x 24 x 12 cm	240	50	0.1	15
4010	SPINIT™	26 x 26 cm	Ceramic	-	-	100-1200rpm	10L	48 x 37 x 14 cm	240	50	0.1	15
5040	HOTOP™	18 x 18 cm	Ceramic	50° C-500° C	11Kg	-	-	32 x 24 x 12 cm	240	50	4.6	1100
5090	HOTOP™	26 x 26 cm	Ceramic	50° C-300° C	16Kg	-	-	48 x 37 x 14 cm	240	50	6.25	1500
6040	SPINOT™	18 x 18 cm	Ceramic	50° C-500° C	11Kg	100-1200rpm	5L	32 x 24 x 12 cm	240	50	4.7	1115
6090	SPINOT™	26 x 26 cm	Ceramic	50° C-300° C	16Kg	100-1200rpm	10L	48 x 37 x 14 cm	240	50	6.4	1515

#### 360 SPINIT™ Digital Magnetic Stirrer

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
4040	18 x 18 cm	Ceramic	1	33348.00	190084.00
4010	26 x 26 cm	Ceramic	1	40020.00	228114.00

#### 361 HOTOP™ Digital Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
5040	18 x 18 cm	Ceramic	1	35120.00	200184.00
5090	26 x 26 cm	Ceramic	1	42626.00	242968.00

\*Does not include accessories shown in picture

#### 362 SPINOT™ Digital Magnetic Stirrer Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
6040	18 x 18 cm	Ceramic	1	41591.00	237069.00
6090	26 x 26 cm	Ceramic	1	62957.00	358855.00

For Bulk Pack add suffix A after the Code No.

\*Does not include accessories shown in picture

#### Optional Accessories

Code	Description	Packing	Price
5041	SS Support Rod	1	1154.00
5042	Boss Head Clamp	1	997.00
5043	Clamping Rod	1	707.00
6041	External Probe 6"	1	8425.00
6042	External Probe 8"	1	9389.00

Spares are not included and are to be ordered separately

#### 363 SS Lab Jack

Material : Stainless Steel

Code	Platform size	Packing	Price/Pack
110016	3" X 3"	1	8693.00
110011	4" X 4"	1	9375.00
110012	6" X 6"	1	10569.00
110013	6" X 8"	1	11762.00
110014	8" X 8"	1	12955.00
110015	10" X 10"	1	28125.00





Specification

Code No.	Model	Top Plate		Heating		Stirring		Dimension (W x H x D)	Power			
		Dimension	Material	Temp Range	Max Load	Speed Range	Max Capacity		VAC	Hz	Amps	Watts
4020	SPINIT™	10 x 10 cm	Ceramic	-	-	100-1000rpm	1L	12 x 11 x 13 cm	240	50	0.11	15
4030	SPINIT™	18 x 18 cm	Ceramic	-	-	100-1000rpm	5L	19 x 11 x 21 cm	240	50	0.11	15
5020	HOTOP™	10 x 10 cm	Ceramic	150° C -500°C	6Kg	-	-	12 x 11 x 13 cm	240	50	1.6	375
5030	HOTOP™	18 x 18 cm	Ceramic	150° C -500°C	11Kg	-	-	19 x 11 x 21 cm	240	50	4.6	1100
6020	SPINOT™	10 x 10 cm	Ceramic	150° C-500° C	6Kg	100-1000rpm	1L	12 x 11 x 13 cm	240	50	1.7	390
6030	SPINOT™	18 x 18 cm	Ceramic	150° C-500° C	11Kg	100-1000rpm	5L	19 x 11 x 21 cm	240	50	4.7	1115



**364** SPINIT™ Magnetic Stirrer

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
4020	10 x 10 cm	Ceramic	1	19610.00	111777.00
4030	18 x 18 cm	Ceramic	1	23452.00	133676.00

**364** HOTOP™ Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
5020	10 x 10 cm	Ceramic	1	15900.00	90630.00
5030	18 x 18 cm	Ceramic	1	18813.00	107234.00

**365** SPINOT™ Magnetic Stirrer Hot Plate

Code	Top Plate Size	Top Plate Material	Packing	Price/Pack	Price/6 Packs
6020	10 x 10 cm	Ceramic	1	27296.00	155587.00
6030	18 x 18 cm	Ceramic	1	30432.00	173462.00

For Bulk Pack add suffix A after the code No.

MULTISPIN is a 4 position motorless magnetic stirrer with no moving parts to maintain. It generates a powerful magnetic field for smooth stirring of large volume and highly viscous solutions. Digital control of speed, reverse stir and power rating allows for precise setting.



**366** Multispin

Specifications			
Stirring Speed	80-1200 RPM		
Stirring Volume	upto 1000 ml		
Stirring Position	4		
Power Rating	5 /10/ 15/ 20 Watts		
Dimension	36 L x 32 W x 5 H (cm)		
Power	AC 230V, 50Hz		
Code	Description	Packing	Price/Pack
4060	Multispin	1	34871.00

\*Does not include accessories shown in the picture



**367** Motorless Magnetic Stirrer

It has electromagnetic drive which has no moving parts, thus no maintenance. Speed can be controlled from 100-1000 RPM and can stir upto 3 liters. Not for use in hazardous area and do not submerge in water.

Code	lxb cm	Packing	Price/Pack	Price/6Packs
4050	12x12	1	8531.00	48627.00

For Bulk Pack add suffix A after the Code No.

\*Does not include accessories shown in the picture



368

**368** SPINIT™ Mini

Specifications			
Speed Range 50-1500 RPM			
Maximum Stirring Capacity 800 ml. H <sub>2</sub> O			
Maximum Vessel Dia 100 mm.			
Maximum Stirring Bar Length 25 mm.			
Code	Packing	Price/Pack	Price/6Packs
4011	1	10788.00	61492.00

**368A** SPINIT™ MAXI

Specification:			
Speed range 50 - 2000 RPM			
Maximum Stirring Capacity 2000 ml H <sub>2</sub> O			
Maximum Vessel Dia 100 mm.			
Maximum Stirring Bar Length 30 mm.			
Code	Packing	Price/Pack	Price/6Packs
4012	1	14333.00	81698.00



368A

For Bulk Pack add suffix A after the Code No.

\*Does not include accessories shown in the picture



**369 Round Magnetic Stirrer Bar with Pivot Ring**

Material : PTFE/ALNICO V MAGNET

Code	mm	Packing	Price/Pack
4210	6x10	10	2385.00
4110	8x14	10	2655.00
4111	8x22	10	2789.00
4112	8x30	10	3075.00
4113	8x40	10	3379.00
4114	8x50	10	3696.00
4115	8x65	5	2462.00
4117	Assorted*	1 set	3259.00
4120	9.5x14	10	3242.00
4121	9.5x22	10	3545.00
4122	9.5x30	10	3864.00
4123	9.5x40	10	4200.00
4124	9.5x50	10	4469.00
4125	9.5x65	5	3227.00
4133	12.7x38	2	2030.00
4137	12.7x76	2	2658.00

\* Assorted pack includes 2 pieces each of 8x14 mm, 8x22 mm, 8x30 mm, 8x40 mm and 1 piece each of 8x50 mm, 8x65 mm.



**371 Polygon Magnetic Stirrer Bar**

Material : PTFE/ALNICO V MAGNET

Code	mm	Packing	Price/Pack
4240	6x10	10	1814.00
4140	8x14	10	2016.00
4141	8x22	10	2151.00
4142	8x30	10	2469.00
4143	8x40	10	2771.00
4144	8x50	10	3075.00
4145	8x65	5	2151.00
4146	Assorted*	1 set	2604.00

\* Assorted pack includes 2 pieces each of 8x14 mm, 8x22 mm, 8x30 mm, 8x40 mm and 1 piece each of 8x50 mm, 8x65 mm.



**372 Octagon Magnetic Stirrer Bar**

Material : PTFE/ALNICO V MAGNET

Code	mm	Packing	Price/Pack
4250	6x10	10	2100.00
4150	8x14	10	2318.00
4151	8x22	10	2469.00
4152	8x30	10	2771.00
4153	8x40	10	3075.00
4154	8x50	10	3379.00
4155	8x65	5	2310.00
4156	Assorted*	1 set	2875.00

\* Assorted pack includes 2 pieces each of 8x14 mm, 8x22 mm, 8x30 mm, 8x40 mm and 1 piece each of 8x50 mm, 8x65 mm.

### 373A Oval Magnetic Stirrer Bar

Material: Rare earth magnet

Code	mm (ø x L)	Packing	Price/Pack
4310	5x10, 6x15, 10x25, 10x30, 13x35, 17x50	1 set contains 2 each of length 10-30 mm and 1 of 35 & 50 mm	17278.00
4311	5X10	2	3342.00
4312	6X15	2	3342.00
4313	10X25	2	3342.00
4314	10X30	2	4401.00
4315	13X35	1	3342.00
4316	17X50	1	4224.00

373A



### 373B Round Stirrer Bar

Material: Rare earth magnet

Code	mm	Packing	Price/Pack
4301	6x10	5	5963.00
4302	8x14	5	6638.00
4303	8x22	5	6973.00
4304	8x30	5	7688.00
4305	8x40	5	8448.00
4306	8x50	5	9240.00

374



### 374 Triangular Magnetic Stirrer Bar

Material : PTFE/ALNICO V MAGNET

Ideal for dissolving solids and mixing of sediments			
Code	mm	Packing	Price/Pack
4180	14x30	2	1930.00
4181	14x40	2	2253.00
4182	14x50	2	2574.00

### 375 Dumb-Bell Magnetic Bar

Material : PTFE/ALNICO V MAGNET

Ideal for high viscous mixtures and round bottom container			
Code	mm	Packing	Price/Pack
4170	20x35	5	4025.00
4171	20x45	5	4350.00
4172	20x55	5	4821.00

375



### 376 Cross-spin Magnetic Stirrer Bar

Material : PTFE/ALNICO V MAGNET

Code	mm	Packing	Price/Pack
4191	9.5x9.5	1 set Consisting 1 of each size	5787.00
	19x19		
	25x25		
	32x32		
	38x38		

376







377

### 377 Trapezoidal Magnetic Stirrer Bar

Material : PTFE/Rare earth magnet

The high energetic rare earth magnet has higher torque and efficiency as compared to conventional stirring bar.

Code	( $\phi$ x l) mm	Packing	Price/Pack
4190	20 x 46	1	4821.00



378

### 378 Micro Spin Magnetic Stirrer Bar

Material : PTFE/ALNICO V MAGNET

Code	( $\phi$ x l) mm	Packing	Price/Pack
4160	2 x 6 3 x 10	1 set consisting 5 of each size	2894.00



379

### 379 Spinwings

Material : PTFE/ALNICO V MAGNET

These stirring bars are used for effective stirring in small conical and round centrifuge and test tube.

Code	Description	Packing	Price/Pack
522000	Triangular, Half round and half round taper	1 set consisting 2 of each size	4827.00



380

### 380 Magnetic Retriever

Material : PTFE/ALNICO V MAGNET

Code	Length cm	Packing	Price/Pack
4192	30	2	1453.00

### 379A Staining Box

Material : PP/PP

Used for staining destaining and handling of electrophoresis gels and membranes Plug in the box allows easy liquid drainage with minimal gel handling.

Code	lxbxh cm	Packing	Price/Pack	Price/12 Packs
482020	12.5x12.5x5	2	524.00	5974.00
482060	22.5x22.5x5	2	857.00	9770.00

For Bulk Pack add suffix A after the Code No.

### 379B Amber Staining Box

Material : Amber PP/PP

Code	lxbxh cm	Packing	Price/Pack	Price/12 Packs
482080	12.5x12.5x5	2	739.00	8425.00
482090	22.5x22.5x5	2	1190.00	13566.00

For Bulk Pack add suffix A after the Code No.

### 380 Staining Box

Material : TPX/PP

Code	lxbxh cm	Packing	Price/Pack	Price/12 Pack
482030	12.5x12.5x5	2	1190.00	13566.00
482070	22.5x22.5x5	2	1898.00	21637.00

For Bulk Pack add suffix A after the Code No.

### 381 Scintillation Vial

Material : PP/HDPE

Code	Capacity ml	Packing	Price/Pack
522010	8	100	924.00
522020	20	100	1271.00

### 382 Rack for Scintillation Vial

Material : PP Autoclavable

Code	Places	Capacity ml	Packing	Price/Pack
240020	90	8	2	2031.00
240030	50	20	2	2031.00

### 383 Flask Stand

Material : RPP

Code	mm	Packing	Price/Pack
280000	160	6	1707.00



379



380



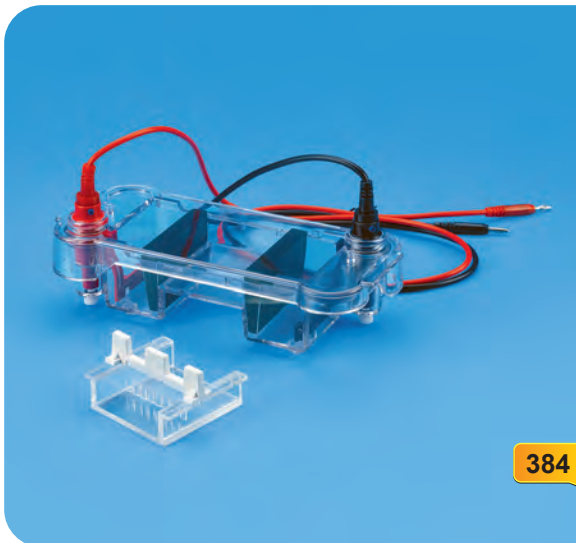
381



382



383



384

### 384 Mini Submarine Electrophoresis Unit

The unit includes buffer chamber, safety lid with cables, UV transparent tray and one each of 1.5 mm thick 8 and 15 well comb.

Code	Casting Tray cm	Packing	Price/Pack
7020	7 x 7	1	32255.00
7030	7 x 10	1	34356.00

#### Spares

Code	Description	Packing	Price/Pack
7021	Casting Tray 7 x 7 cm	1	4615.00
7031	Casting Tray 7 x 10 cm	1	6262.00
7023	Comb set	2	4285.00
7123	Electrode Set	2	19773.00



385

### 385 Midi Submarine Electrophoresis Unit

The unit includes buffer chamber, safety lid with cables, UV transparent tray and one each of 1.5 mm thick 15 and 20 well comb.

Code	Casting Tray cm	Packing	Price/Pack
7050	15 x 10	1	41195.00

#### Spares

Code	Description	Packing	Price/Pack
7051	Casting Tray 15x10 cm	1	8240.00
7045	Comb set	2	7910.00
7145	Electrode Set	2	25351.00



386

### 386 Gel Caster for Submarine Electrophoresis Unit

Accommodate 7 x 10 cm. 15 x 10 cm. Gel casting tray for gel casting

Code	Packing	Price/Pack
7024	1	12365.00

**387** Electrophoresis Power Supply Unit

This unit can be used with submarine and mini vertical electrophoresis unit. It can run two units at constant voltage or constant current with maximum output of 300V, 400 mA and 80 Watts. Time can be set in 1 minute increment or continuous mode

Code	Packing	Price/Pack
7090	1	56446.00



**387**

**388** Mini Dual Vertical Electrophoresis Unit

Mini dual electrophoresis unit is used for two slabs gel 10 x 8 cm. The unit includes buffer chamber, safety lid with cables, two alumina notched plates, 10 glass plates, 2 ten well 1 mm thick combs, 4 spacers of 1 mm thickness and dual gel caster.

Code	Packing	Price/Pack
7080	1	46219.00



**388**

Spares for Vertical Electrophoresis Unit

Code	Description	Packing	Price/Pack
7081	Electrode Assembly	1	30564.00
7082	Ceramic Plate	2	8902.00
7083	Glass Plate	10	2465.00
7084	Spacer 0.75 mm	4	1520.00
7085	Comb 0.75 mm	2	3033.00
7086	Spacer 1.00 mm	4	1982.00
7087	Comb 1.00 mm	2	4545.00
7088	Spacer 1.50 mm	4	2284.00
7089	Comb 1.50 mm	2	6065.00
7180	Silicon Sealing Cord	2	3954.00
7181	Spring Clips	4	1979.00
7182	Gel Caster	1	13844.00

**389** Gel Scoop

Material : Acrylic

Made of 3 mm UV transparent acrylic for easy transfer of polyacrylamide and agarose gels between electrophoresis unit stain or de-stain tray and trans- illuminator. Tapered edge for easy lifting of gel and guide on sides prevent gel from moving.

Code	Size cm	Packing	Price/Pack
923110	7.5x10	1	1778.00
923120	14x20	1	1968.00
923130	20x20	1	2137.00



**389**



390

**390 Coplin Jar**

Material : PP/PP

Code	Places	Packing	Price/Pack	Price/12 Packs
480000	10	12	987.00	11252.00

For Bulk Pack add suffix A after the Code No.



391

**391 Slide Box**

Material : PS

Code	Places	Packing	Price/Pack	Price/12 Packs
481010	25	12	1626.00	18536.00
481020	50	6	1356.00	15458.00
481030	100	6	2631.00	29993.00

For Bulk Pack add suffix A after the Code No.



392

**392 Slide Storage Rack**

Material : ABS/SAN

The removable rack holds 100 slides in prenumbered slots. The spacing between each slides allows adequate forward and backward movement for reference and easy removal or insertion of the slides. The rack is placed in a box with a transparent cover.

For space saving purpose the spacing in the rack permits 2 slides per slot thus providing storage for upto 200 slides.

Code	Places	Packing	Price/Pack	Price/12 Packs
483000	100	6	6231.00	71033.00

**Slide Draining Rack**

Material : Medical Grade PP conforming to US FDA 21 CFR

Code	Places	Packing	Price/Pack	Price/12 Packs
483010	100 / 200	12	4668.00	53215.00

For Bulk Pack add suffix A after the Code No.

### 393 Microscopic Slide File

Material : HIPS/SAN

The slide file holds upto 20 standard microscopic slides. The base holds the slide horizontally in prenumbered spaces for easy identification and the transparent cover protects the slides and allow easy reading of ID labels with or without an optical bar code reader.

Code	Places	Packing	Price/Pack	Price/12 Packs
481060	20	6	5457.00	62210.00

For Bulk Pack add suffix A after the Code No.



393

### 394 Microscopic Slide Tray

Material : HIPS

The slide tray holds 20 microscopic slides at an angle and are well protected even when the trays are stacked. The angle on each space facilitates easy slide handling.

Code	Places	Packing	Price/Pack	Price/12 Packs
481050	20	6	4140.00	47196.00

For Bulk Pack add suffix A after the Code No.



394

### 395 Slide Mailer

Material : PP

Code	Places	Packing	Price/Pack	Price/24 Packs
482040	1	25	362.00	8254.00
482000	2	25	573.00	13064.00
482010	5	12	321.00	7319.00

For Bulk Pack add suffix A after the code No.



395



396

**396 Sharp Container**

Material : PP Autoclavable

Phlebotomy container has built in needle removal port designed to prevent contact during disposal. It has temporary and final closure for final security. Sharp container has counter balance door which facilitates hand free disposal to reduce the potential of sharp injuries. It has temporary and final closure for final security.

Code	Description	Packing	Price/Pack	Price/12 Packs
882209	Phlebotomy Collector 1.5 L	6	1986.00	22640.00
882210	Sharp Container 5 L	6	3963.00	45178.00

For Bulk Pack add suffix A after the Code No.



397

**397 Biohazardous Waste Container**

Material : PP

Autoclavable waste container for secondary containment of Biohazardous waste materials. Allow convenient one step sterilization, avoiding the need to remove Autoclavable bags.

Code	Capacity L	Packing	Price/Pack
583256	5	1	1158.00
583254	20	1	2957.00

**Cylindrical Tank with Cover**

Material : PP

Code	Capacity L	Packing	Price/Pack
583310	20	1	2248.00



398

**398 Safety Face Shield**

Head gear with ratchet adjustment provides a comfortable fit. Clear face shield window of Polycarbonate provides high impact and splash protection.

Code	Description	Packing	Price/Pack
800050	Safety Face shield	1	3188.00



399

**399 Syphon**

Material : LDPE

Code	Size mm	Packing	Price/Pack
660010	6.0	2	2867.00
660020	12.5	2	3828.00

**400** Autoclavable Biohazard Bags

Material : PP Aotoclavable

These are thick, high strength and high temperature resistant, Autoclavable bags are clearly labeled with Biohazard warnings. Bright red colour for quick identification.

Code	Size	Packing	Price/Pack
550011	8" x 12"	100	847.00
550012	12" x 24"	100	2487.00
550013	14" x 19"	100	2314.00
550014	19" x 24"	100	4000.00
550015	24" x 30"	100	5452.00
550016	24" x 36"	100	6594.00



400

**401** Autoclavable Bags

Material : PP Autoclavable

These are thick high strength, high temperature resistant autoclavable bags.

Code	Size	Packing	Price/Pack
550021	8" x 12"	100	822.00
550022	12" x 24"	100	2418.00
550023	14" x 19"	100	2246.00
550024	19" x 24"	100	3889.00
550025	24" x 30"	100	5294.00
550026	24" x 36"	100	6427.00



401

**402** Sample Bags

Material : LDPE

Code	Size	Packing	Price/Pack
553010	4" x 6"	100	376.00
553020	5" x 8"	100	639.00
553030	6" x 13"	100	1099.00
553040	9" x 13"	100	1633.00
553050	9" x 18"	100	2223.00



402





403

**403 UV Safety Goggles**

Light weight comfortable eyewear provides UV protection. Polycarbonate lenses have integrated side shield.

Code	Description	Packing	Price/Pack
800040	UV Safety Goggles	1	1532.00



404

**404 Safety Goggles**

Moulded of soft flexible polyvinyl chloride which conforms to the face and nose and have vents to reduce fogging. The front lens is made in clear acetate and can be worn over regular eye glasses with complete comfort

Code	Description	Packing	Price/Pack
800010	Safety Goggles	2	743.00

**Safety Eyewear Box**

Material : PMMA

Code	l x b x h cm	Packing	Price/Pack
800030	32 x 16 x 14	1	1349.00



405

**405 Forceps**

Material : PP Autoclavable

Code	Description	Packing	Price/Pack
486000	Forceps	12	729.00



406

**406 Sterile Disposable Forceps, PS**

Individually wrapped, serrated blunt tips. 4.8" length. Corrugated handles provide secure grip. Disposable. Reduces cross contamination.

Code	Size	Packing	Price/Pack
486001	124.2 x 21 x 8 mm	100	2000.00

**407** Stirring Rod

These autoclavable stirring rod have flat paddle 16 mm x 16 mm at one end and triangular paddle at the other end and overall length of 245 mm.

Code	lxb mm	Packing	Price/Pack
144000	16x16	12	609.00



407

**408** Utility Carrier

Material : PP Autoclavable

Code	(LxWxH)mm	Packing	Price/Pack	Price/12Packs
240080	380x240x115	2	2008.00	22891.00



408

**409** Instrument Sterilizing Pan

Material : PP Autoclavable

These autoclavable pans have cover which fits into groove of pan to minimize spillage of material. Smaller size can be used to sterilize small instruments whereas the largest size allows pipettes to be fully immersed in disinfectant prior to sterilizing.

Code	(lxwxh)mm	Packing	Price/Pack	Price/12Packs
551010	220x150x70	2	1268.00	14455.00
551020	450x150x70	2	2322.00	26471.00

For Bulk Pack add suffix A after the Code No.



409

**410** Stopcock

Material : PP/PTFE

Code	Description	Packing	Price/Pack
890010	2 way	6	5514.00
890020	3 way	6	6297.00



410

## Physical Properties of Tarsons Labware

Resin	Max Use Temp °C	Brittleness Temp °C	Transparency	Sterilization					Specific Gravity	Flexibility	Water Adsorption %
				Auto-claving	Gas	Dry Heat	Radiation	Disinfectant			
HDPE	120	-100	Translucent	No	Yes	No	Yes	Yes	0.95	Rigid	<0.01
LDPE	80	-100	Translucent	No	Yes	No	Yes	Yes	0.92	Excel	<0.01
PC	135	-135	Clear	Yes +	Yes	No	No	Yes	1.20	Rigid	0.35
PMMA	50	20	Clear	No	Yes	No	Yes	Some	1.20	Rigid	0.30
PP	135	0	Translucent	Yes	Yes	No	No	Yes	0.90	Rigid	<0.02
PS	90	20	Clear	No	Yes	No	Yes	Some	1.05	Rigid	0.05
PSF	165	-10	Clear	Yes	Yes	Yes +	Yes	Yes	1.24	Rigid	0.30
PTFE	270	-200	Opaque	Yes	Yes	Yes	No	Yes	2.17	Excel	<0.01
PVDF	110	-62	Translucent	Yes	Yes	No	No	Yes	1.75	Rigid	0.05
TPX*	175	20	Clear	Yes	Yes	Yes +	No	Yes	0.83	Rigid	<0.01
<b>PET</b>	<b>65</b>	<b>-40</b>	<b>Clear</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>Some</b>	<b>1.37</b>	<b>Moderate</b>	<b>0.25</b>
<b>PETG</b>	<b>70</b>	<b>-40</b>	<b>Clear</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>Some</b>	<b>1.27</b>	<b>Moderate</b>	<b>0.13</b>

### Sterilization

- Autoclaving (121°C, 15 psig for 20 minutes) Clean and rinse item with distilled water before autoclaving. Certain Chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.  
**ALWAYS COMPLETELY DISENGAGE THREADS BEFORE AUTOCLAVING.**
  - Gas - Ethylene oxide, formaldehyde.
  - Dry heat - 160°C for 120 minutes
  - Disinfectant - Benzalkonium chloride, Formalin, Ethanol, etc.
  - Radiation - gamma irradiated at 2.5 MRad with unstabilized plastic.
- + Sterilizing reduces mechanical strength. Do not use PC vessels for vacuum application if they have been autoclaved.

## Chemical Resistance for Tarsons Labware

Classes of Substances at Room Temperature	HDPE	LDPE	PC	PMMA	PP	PS	PSF	PTFE	PVDF	TPX	PET	PETG
Acid, Dilute or Weak	E	E	E	G	E	E	E	E	E	E	E	G
Acid, Strong and Concentrated	E	E	N	N	E	F	G	E	E	E	F	N
Alcohols, Aliphatic	E	E	G	N	E	E	G	E	E	E	E	G
Aldehydes	G	G	F	G	G	N	F	E	E	G	G	F
Bases	E	E	N	F	E	E	E	E	E	E	N	N
Esters	G	G	N	N	G	N	N	E	G	G	F	N
Hydrocarbons, Aliphatic	G	F	F	G	G	N	G	E	E	F	E	G
Hydrocarbons, Aromatic	G	F	N	N	F	N	N	E	E	F	F	N
Hydrocarbons, Halogenated	E	N	N	N	E	N	N	E	N	N	F	N
Ketones	G	G	N	N	G	N	N	E	N	F	G	N
Oxidizing Agents, Strong	F	F	N	N	F	N	G	E	G	F	N	F

### Resin Code

<b>HDPE</b>	High-density polyethylene
<b>LDPE</b>	Low-density polyethylene
<b>PC</b>	Polycarbonate
<b>PMMA</b>	Polymethyl methacrylate
<b>PP</b>	Polypropylene
<b>PS</b>	Polystyrene
<b>PSF</b>	Polysulfone
<b>PTFE</b>	Polytetrafluoroethylene
<b>PVDF</b>	Polyvinylidene fluoride
<b>TPX</b>	Polymethylpentene
<b>PET</b>	Polyethylene terephthalate
<b>PETG</b>	Polyethylene terephthalate glycol

### Chemical Resistance Classification

**E = Excellent** - 30 days of constant exposure cause no damage. Plastics may even tolerate for years.

**G = Good** - Little or no damage after 30 days of constant exposure to the reagent.

**F = Fair** - Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loss of strength or discoloration.

**N = Not Recommended** - Not for continuous use. Immediate damage may occur.

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TPX is the registered Trade Mark of Mitsui & Co. Ltd.

### Terms and Conditions of Sale

1. The Price list includes 'Tarsons' Brand products and products from other manufacturers.
2. All prices are FOR destination by Road Transport only.
3. GST will be charged extra as applicable at the time of billing.
4. Prices are exclusive of GST.
5. The price for items of special requirement will be quoted on request.
6. This cancels all our previous price list.
7. The prices for Port Blair are Ex Calcutta.
8. Our responsibility ceases once we deliver the goods to the carrier.
9. All disputes shall be within the competent courts in Kolkata.
10. Goods will be dispatched in standard packing or multiple thereof.
11. Capacity measures are for laboratory use only and not for Commercial use.
12. The company reserves the right to change colour and modify the design of the product.
13. Force measure: Company has every right to change the price of trading product range, imported from out of India ( not manufactured by Tarsons) in case of any unforeseen circumstances which will supercede any kind of existing supply contracts.
14. The pricelist is effective from 2nd May 2023.



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