

AXYGEN SCIENTIFIC – PIPETTE TIPS, PCR, TUBES AND HTS



CORNING AXYGEN

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Axygen Scientific

MAXIMUM Recovery® Ultra Smooth Surfaces

- proteomics • drug discovery • genomics
- high throughput screening

Utilizing a unique manufacturing process, Axygen Scientific has developed an innovative series of pipette tips, filter tips, PCR products and microcentrifuge tubes that feature ultra smooth surfaces.

- ▶ Exclusive molding technology
- ▶ Reduce sample loss
- ▶ Save costly reagents
- ▶ Maximize accuracy and precision

Surface comparison of polypropylene materials

The images below show a visual comparison of the Axygen Maxymum Recovery® pipette tip internal surface compared to the surface of both standard polypropylene pipette tips and siliconized pipette tips.

The photographs were taken of the internal surface of sections cut from three styles of pipette tips, via SEM/EDS. Magnification levels ranged from 50x to 5,000x.



PIPETTE TIPS



Axygen MAXIMUM Recovery® Pipette Tips



Figures 1a (50x), 1b (500x) and 1c (5000x) are images of the Axygen Maxymum Recovery® surface. Even at the highest magnification level, the ultra-smooth surface is visibly free of occlusions and cavities which can cause sample retention and sample denaturation in standard polypropylene.

Conventional Pipette Tips

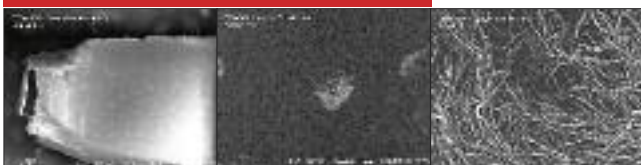


Figure 2a (50x), 2b (500x) and 2c (5000x) are images of the internal surface of a standard polypropylene pipette tip. Occlusions and cavities can be seen on the wall surface. At highest magnification, surface strands which cause samples to 'stick', are clearly visible.

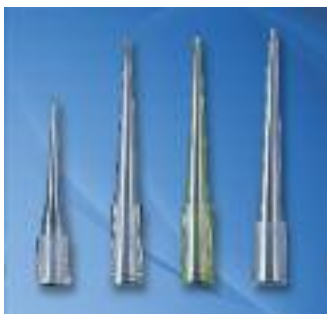
Siliconized Pipette Tips



Figure 3a (50x), 3b (500x) and 3c (2000x) are images of a siliconized pipette tip. Here again, notice the lack of smoothness of the walls created by an inconsistent and uneven flow of silicone upon the surface. Sample retention occurs even with siliconized pipette tips.

Why use MAXIMUM Recovery?....because results count!

- ▶ Allows for complete sample retrieval
- ▶ Saves costly reagents by reducing sample loss
- ▶ Greater tip-to-tip precision
- ▶ Optimizes accuracy of pipettor
- ▶ Optimizes transfer of blood plasma
- ▶ Avoid denaturation of nucleic acids¹ and protein samples²



Axygen products are manufactured in a clean, controlled "state of the art" facility and certified RNase-, DNase- and endotoxin-safe on a lot by lot basis.

Axygen's unique diamond-polished molding technology:

- No mold-releasing agents used
- Contamination-free
- Reduced sample retention
- Optimized performance
- MAXIMUM RECOVERY – allows complete retrieval of precious samples
- Universal fit tips – compatible with most popular brands of pipettors
- Aerosol barrier tips – prevent aerosol and liquid contamination
- Universal fit & aerosol barrier tips – available in bulk and racked formats
- Optimized tip bevel – reduces sample hang-up; improves pipetting accuracy
- Graduation marks – allow a visual confirmation of pipettor draw volume
- 'Clean-room' manufacturing environment – products certified safe from RNase-, DNase- and endotoxin by lot number
- Consistent product quality – every manufacturing lot undergoes rigorous testing
- Pre-sterilized products – e-beam irradiated to prevent product degradation



1: Gaillard C. and Strauss F.2000. Avoiding DNA loss and denaturation upon storage in plastic microtubes, Institut Jacques Monod, Paris, France.

2: Zhu J., Garcia J., Avila R., Zachoratos J. and Arazani A. 2005. Protein Recovery Studies, Axygen Research Labs, Union City, California.



Microvolume Tips

Maxymum Recovery® Technology

- allows recovery of costly samples
- improves precision & accuracy

10µl



T-300-L-R-S 10µl microvolume tips

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-300-L	0.1-10µl	Clear	Maxymum Recovery	Bulk
T-300-L-R	0.1-10µl	Clear	Maxymum Recovery	Racked
T-300-L-R-S	0.1-10µl	Clear	Maxymum Recovery	Racked, Sterile
TF-300-L-R-S	0.1-10µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-300	0.1-10µl	Clear	MicroVolume	Bulk
T-300-R	0.1-10µl	Clear	MicroVolume	Racked
T-300-R-S	0.1-10µl	Clear	MicroVolume	Racked, Sterile
T-300-STK	0.1-10µl	Clear	MicroVolume	Stack Rack
TF-300-R-S	0.1-10µl	Clear	MicroVolume	Filtered, Racked, Sterile



10µl microvolume tips
Extended length

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TXL-10-L	0.1-10µl	Clear	Maxymum Recovery	Bulk
TXL-10-L-R	0.1-10µl	Clear	Maxymum Recovery	Racked
TXL-10-L-R-S	0.1-10µl	Clear	Maxymum Recovery	Racked, Sterile
TXLF-10-L-R-S	0.1-10µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TXL-10	0.1-10µl	Clear	MicroVolume	Bulk
TXL-10-R	0.1-10µl	Clear	MicroVolume	Racked
TXL-10-R-S	0.1-10µl	Clear	MicroVolume	Racked, Sterile
TXLF-10-R-S	0.1-10µl	Clear	MicroVolume	Filtered, Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 20 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case
Stack Racks = 96 tips/rack, 5 racks/stack, 10 stacks/case

Fits: Pipetman P2/P10 and other popular brands. See Tip Compatibility Table, pages 9-13

20µl



TF-420-L-R-S 20µl microvolume tips

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-400-L	0.1-20µl	Clear	Maxymum Recovery	Bulk
T-400-L-R	0.1-20µl	Clear	Maxymum Recovery	Racked
T-400-L-R-S	0.1-20µl	Clear	Maxymum Recovery	Racked, Sterile
TF-410-L-R-S	0.1-10µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-420-L-R-S	0.1-20µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-400	0.1-20µl	Clear	Ultra Micro	Bulk
T-400-R	0.1-20µl	Clear	Ultra Micro	Racked
T-400-R-S	0.1-20µl	Clear	Ultra Micro	Racked, Sterile
TF-410-R-S	0.1-10µl	Clear	Ultra Micro	Filtered, Racked, Sterile
TF-420-R-S	0.1-20µl	Clear	Ultra Micro	Filtered, Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 20 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case

Fits: Eppendorf Ultra Micro, Pipetman P2/P10 and other popular brands. See Tip Compatibility Table, pages 9-13

Universal Tips

Fits popular brands of pipettors

200µl, bevelled



200µl, bevelled universal tip

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-200-C-L	1-200µl	Clear	Maxymum Recovery	Bulk
T-200-C-L-R	1-200µl	Clear	Maxymum Recovery	Racked
T-200-C-L-R-S	1-200µl	Clear	Maxymum Recovery	Racked, Sterile
T-200-C	1-200µl	Clear	Bevelled	Bulk
T-200-C-R	1-200µl	Clear	Bevelled	Racked
T-200-C-R-S	1-200µl	Clear	Bevelled	Racked, Sterile
T-200-C-STK	1-200µl	Clear	Bevelled	Stack Rack

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TF-20-L-R-S	1-20µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-20-R-S	1-20µl	Clear	Bevelled	Filtered, Racked, Sterile



Filter Tips - 20, 50, 100, 150 and 200µl

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TF-50-L-R-S	1-50µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-50-R-S	1-50µl	Clear	Bevelled	Filtered, Racked, Sterile

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TF-100-L-R-S	1-100µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-100-R-S	1-100µl	Clear	Bevelled	Filtered, Racked, Sterile

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TF-150-L-R-S	1-150µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-150-R-S	1-150µl	Clear	Bevelled	Filtered, Racked, Sterile

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TF-200-L-R-S	1-200µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-200-R-S	1-200µl	Clear	Bevelled	Filtered, Racked, Sterile

Fits: Universal. See Tip Compatibility Tables, pages 9-13

Packaging Description: Bulk = 1000 tips/pack, 20 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case
Stack Racks = 96 tips/rack, 5 racks/stack, 10 stacks/case

200µl, bevelled, reference



200µl, bevelled reference universal tip. Graduation marks at 10, 50, 100µl

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TR-222-C-L	1-200µl	Clear	Maxymum Recovery	Bulk
TR-222-C-L-R	1-200µl	Clear	Maxymum Recovery	Racked
TR-222-C-L-R-S	1-200µl	Clear	Maxymum Recovery	Racked, Sterile
TR-222-C	1-200µl	Clear	Bevelled, Reference	Bulk
TR-222-C-R	1-200µl	Clear	Bevelled, Reference	Racked
TR-222-C-R-S	1-200µl	Clear	Bevelled, Reference	Racked, Sterile
TR-222-C-STK	1-200µl	Clear	Bevelled, Reference	Stack Rack

Fits: Universal. See Tip Compatibility Tables, pages 9-13

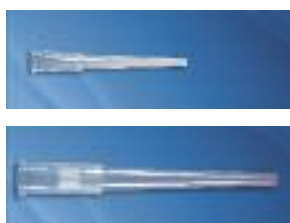
Packaging Description: Bulk = 1000 tips/pack, 20 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case
Stack Racks = 96 tips/rack, 5 racks/stack, 10 stacks/case



Universal Tips

Fits popular brands of pipettors

200µl, wide bore



200µl, wide bore

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-205-WB-C-L	1-200µl	Clear	Maxymum Recovery	Bulk
T-205-WB-C-L-R	1-200µl	Clear	Maxymum Recovery	Racked
T-205-WB-C-L-R-S	1-200µl	Clear	Maxymum Recovery	Racked, Sterile
TF-205-WB-L-R-S	1-200µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
T-205-WB-C	1-200µl	Clear	Wide Bore	Bulk
T-205-WB-C-R	1-200µl	Clear	Wide Bore	Racked
T-205-WB-C-R-S	1-200µl	Clear	Wide Bore	Racked, Sterile
TF-205-WB-R-S	1-200µl	Clear	Wide Bore	Filtered, Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 20 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13



Wide bore tips are ideal for pipetting viscous materials, genomic DNA or delicate cell cultures

250µl, bevelled, reference



250µl, bevelled, reference
Graduation marks at 10, 50 and 100µl

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
TR-333-C-L	1-250µl	Clear	Maxymum Recovery	Bulk
TR-333-C-L-R	1-250µl	Clear	Maxymum Recovery	Racked
TR-333-C-L-R-S	1-250µl	Clear	Maxymum Recovery	Racked, Sterile
TR-333-C	1-250µl	Clear	Bevelled, Reference	Bulk
TR-333-C-R	1-250µl	Clear	Bevelled, Reference	Racked
TR-333-C-R-S	1-250µl	Clear	Bevelled, Reference	Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 20 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13

300µl, fine-point



300µl, fine-point

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-350-C-L	1-300µl	Clear	Maxymum Recovery	Bulk
T-350-C-L-R	1-300µl	Clear	Maxymum Recovery	Racked
T-350-C-L-R-S	1-300µl	Clear	Maxymum Recovery	Racked, Sterile
TF-350-L-R-S	1-300µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
T-350-C	1-300µl	Clear	Fine-Point	Bulk
T-350-C-R	1-300µl	Clear	Fine-Point	Racked
T-350-C-R-S	1-300µl	Clear	Fine-Point	Racked, Sterile
TF-350-R-S	1-300µl	Clear	Fine-Point	Filtered, Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 10 packs/case; Racked = 96 tips/rack, 10 racks/pack, 5 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13

1000 - 1250µl Tips

1000µl, bevelled



1000µl, bevelled

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-1000-C-L	100-1000µl	Clear	Maxymum Recovery	Bulk
T-1000-C-L-R	100-1000µl	Clear	Maxymum Recovery	Racked
T-1000-C-L-R-S	100-1000µl	Clear	Maxymum Recovery	Racked, Sterile
TF-1000-L-R-S	100-1000µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
T-1000-C	100-1000µl	Clear	Bevelled	Bulk
T-1000-C-R	100-1000µl	Clear	Bevelled	Racked
T-1000-C-R-S	100-1000µl	Clear	Bevelled	Racked, Sterile
TF-1000-R-S	100-1000µl	Clear	Bevelled	Filtered, Racked, Sterile

Packaging Description: Bulk=1000 tips/pack, 5 packs/case; Racked=100 tips/rack, 10 racks/pack, 5 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13

1000µl, wide bore



1000µl, wide bore

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-1005-WB-C-L	100-1000µl	Clear	Maxymum Recovery	Bulk
T-1005-WB-C-L-R	100-1000µl	Clear	Maxymum Recovery	Racked
T-1005-WB-C-L-R-S	100-1000µl	Clear	Maxymum Recovery	Racked, Sterile
TF-1005-WB-L-R-S	100-1000µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
T-1005-WB-C	100-1000µl	Clear	Wide Bore	Bulk
T-1005-WB-C-R	100-1000µl	Clear	Wide Bore	Racked
T-1005-WB-C-R-S	100-1000µl	Clear	Wide Bore	Racked, Sterile
TF-1005-WB-R-S	100-1000µl	Clear	Wide Bore	Filtered, Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 5 packs/case; Racked = 100 tips/rack, 10 racks/pack, 5 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13

1200µl, bevelled



1200µl, bevelled

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-1200-C	100-1200µl	Clear	Bevelled	Bulk
T-1200-C-R	100-1200µl*	Clear	Bevelled	Racked
T-1200-C-R-S	100-1200µl*	Clear	Bevelled	Racked, Sterile
TF-1200-C-R-S	100-1100µl*	Clear	Bevelled	Filtered, Racked, Sterile

Packaging Description: Bulk = 1000 tips/pack, 5 packs/case; Racked = 96 tips/rack, 12 racks/pack, 3 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13

1250µl, bevelled



1250µl, bevelled

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
MTX-1250-C-L	15-1250µl	Clear	Maxymum Recovery	Bulk
MTX-1250-C-L-R	15-1250µl	Clear	Maxymum Recovery	Racked
MTX-1250-C-L-R-S	15-1250µl	Clear	Maxymum Recovery	Racked, Sterile
MTXF-1250-C-L-R-S	15-1250µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
MTX-1250-C	15-1250µl	Clear	Matrix-style	Bulk
MTX-1250-C-R	15-1250µl	Clear	Matrix-style	Racked
MTX-1250-C-R-S	15-1250µl	Clear	Matrix-style	Racked, Sterile
MTXF-1250-C-R-S	15-1250µl	Clear	Matrix-style	Filtered, Racked, Sterile

Packaging Description: Bulk = 500 tips/pack, 10 packs/case; Racked = 96 tips/rack, 12 racks/pack, 3 packs/case

Fits: Universal. See Tip Compatibility Tables, pages 9-13



Axypet-16® 384-Format tips

- 16-channel pipettor for 384/1536-well formats
- One-hand volume adjustment and volume locking
- Adapts fully to left and right-handed use
- Autoclavable
- Available in 0.1-2µl, 0.1-10µl, 5-50µl
- Ergonomic handle allows easy operation
- Plunger cap colour coded for ease of identification



volume control



tip ejection



tip holders

Volume Code	Colour ±%	Accuracy ±% (CV)	Precision	Axygen Cat #
0.1 - 2µl	violet	12 - 2.0	6.0 - 1.0	AP-16-2
0.1 - 10µl	white	2.5 - 1.0	1.8 - 0.5	AP-16
5 - 50µl	red	2.5 - 1.0	1.8 - 0.5	AP-16-50

60µl

for 384-well pipetting



for 384-well pipetting

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-384-L-R	0.1-60µl	Clear	Maxymum Recovery	Racked
T-384-L-R-S	0.1-60µl	Clear	Maxymum Recovery	Racked, Sterile
T-384-R	0.1-60µl	Clear	Microvolume	Racked
T-384-R-S	0.1-60µl	Clear	Microvolume	Racked, Sterile
TF-384-30-L-R-S	0.1-30µl	Clear	Maxymum Recovery	Filtered, Racked, Sterile
TF-384-30-R-S	0.1-30µl	Clear	Microvolume	Filtered, Racked, Sterile

Packaging Description: Racked = 384 tips/rack, 10 racks/pack, 5 packs/case

30µl

for 1536-well pipetting



for 1536-well pipetting

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-1536-L-R	0.5-30µl	Clear	Maxymum Recovery	Racked
T-1536-L-R-S	0.5-30µl	Clear	Maxymum Recovery	Racked, Sterile
T-1536-R	0.5-30µl	Clear	Microvolume	Racked
T-1536-R-S	0.5-30µl	Clear	Microvolume	Racked, Sterile

Packaging Description: Racked = 384 tips/rack, 10 racks/pack, 5 packs/case

50µl

Finnpipette® Focus Multi-channel Plus



Finnpipette® Focus Multi-channel Plus

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
FPT-384-R	5-50µl	Clear	Microvolume	Racked
FPT-384-R-S	5-50µl	Clear	Microvolume	Racked, Sterile

Packaging Description: Racked = 384 tips/rack, 10 racks/pack, 5 packs/case

See Tip Compatibility Tables, pages 9-13

Macrovolume Tips

5ml



5ml

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-5000-C	1000-5000µl	Clear	Macrovolume	Bulk

Fits: Gilson P5000 and MLA pipettor

Packaging Description: Bulk = 250 tips/pack, 10 packs/case

10ml



10ml

Axygen Cat No	Volume	Tip Colour	Tip Type	Packaging
T-10ML-C	1-10ml	Clear	Macrovolume	Bulk

Fits: Gilson P10ML and MLA pipettor

Packaging Description: Bulk = 200 tips/pack, 10 packs/case

Autoclaving Conditions



Temperature: 121°C



Time: 15 minutes



Pressure: 15 psi

Autoclaving Guidelines

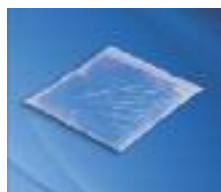
To ensure successful steam sterilization of your plastic labware please adhere to the following guideline:

Autoclave all plastic consumables at 121°C for 15 minutes, 15psi/1 atm.

Do not use a dry cycle as this may cause deformation or weakening of the plastic.

Allow temperature within the autoclave to return to at least 80°C before removing product.

Tip Packaging Options



Bulk Packaging

Pipette tips are available in bulk-packaged, re-sealable plastic bags – keeping them safe from contamination.



Hinged Racks

Axygen tip racks in durable polypropylene provide good stability on the lab bench. They feature a hinged lid with a snap fastener. Also available in sterile.



Stack Racks

Axygen inter-locking stack racks offer stability for the tips while saving valuable lab bench space

Pipette Tip Compatibility

Axygen Axyjet® (single channel)							(multi-channel)			Axygen Axyjet-16®			Biohit Proline (single channel)			(multi-channel)			Biohit e-Line (single channel)			(multi-channel)			Biohit m-Line® (s/ch)			< Pipettor Brand/make									
0.1-2µl	0.5-10µl	2-20µl	5-50µl	10-100µl	20-200µl	50-250µl	100-1000µl	1-10µl	5-50µl	20-200µl	50-300µl	0.2-2µl	0.5-10µl	5-50µl	0.2-10µl	5-100µl	10-250µl	10-500µl	50-1000µl	0.2-10µl	5-100µl	25-250µl	0.2-10µl	5-120µl	10-300µl	50-1000µl	0.2-10µl	5-120µl	10-300µl	0.5-10µl	2-20µl	10-100µl	Page #	< Volume Range			
Non Filter Tips																												Volume/Axygen Tip									
												√	√	√																			7	0.1-60µl, T-384			
												√	√	√																			7	0.1-30µl, T-1536			
√	√							√							√						√				√								3	0.1-10µl, T-300			
√	√							√							√						√				√								3	0.1-10µl, TXL-10			
																																		3	0.1-20µl, T-400		
		√	√	√	√			√	√	√					√	√					√	√		√	√		√	√		√	√			4	1-200µl, T-200		
																																			4	1-200µl, TE-204	
		√	√	√	√			√	√	√					√	√					√	√		√	√		√	√		√	√			5	1-200µl, T-205-WB		
		√	√	√	√			√	√	√					√	√					√	√		√	√		√	√		√	√			4	1-200µl, TR-222		
				√	√	√		√	√	√					√	√					√	√		√	√		√	√		√	√			5	1-250µl, TR-333		
				√	√			√	√	√					√	√					√	√		√	√		√	√		√	√			5	1-300µl, T-350		
							√									√	√							√											6	100-1000µl, T-1000	
							√									√	√							√											6	100-1000µl, T-1005-WB	
							√									√	√							√											6	100-1200µl, T-1200	
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Aerosol Barrier Tips																												Volume/Axygen Tip									
												√	√	√																					7	0.1-30µl, TF-384-30	
√	√							√							√						√			√		√								3	0.1-10µl, TF-300		
√	√							√							√						√			√		√								3	0.1-10µl, TXLF-10		
																																				3	0.1-10µl, TF-400
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		√																															√		4	0.5-20µl, TF-20	
			√					√																												4	0.5-50µl, TF-50
				√											√						√		√		√				√						4	1-100µl, TF-100	
															√						√		√		√										4	1-150µl, TF-150	
					√				√						√						√		√		√			√							4	1-200µl, TF-200	
					√				√						√						√		√		√			√							5	1-200µl, TF-205-WB	
						√			√						√						√		√		√			√							5	1-300µl, TF-350	
							√									√																				6	100-1000µl, TF-1000
																√																				6	100-1000µl, TF-1005-WB
																√																				6	100-1100µl, TF-1200
																																				6	15-1250µl, MTXF-1250

Pipette Tip Compatibility

Eppendorf Reference		Eppendorf Research (single channel)					Eppendorf (multi-channel)					ThermoLabsystems Finnpiquette (single channel)					(multi-ch)	Gilson Pipetman (single channel)					m/ch	< Pipettor Brand/make											
0.1-10µl	2-20µl <small>Ultra Micro</small>	2-20µl	10-100µl	20-200µl	100-1000µl	0.1-2.5µl	0.5-10µl	2-20µl	10-100µl	20-200µl	100-1000µl	0.5-10µl	5-100µl	50-100µl	20-300µl	30-300µl	50-1200µl	0.2-10µl	0.5-10µl	5-40µl	40-200µl	100-1000µl	200-1000µl	5-50µl	50-300µl	P2, 0.1-2µl	P10, 0.2-10µl	P20, 2-20µl	P100, 10-100µl	P200, 20-200µl	P1000, 100-1000µl	P200-M8, 20-200µl	Page #	< Volume Range	
Non Filter Tips																												Volume/Axygen Tip							
																																	7	0.1-60µl, T-384	
																																	7	0.1-30µl, T-1536	
						√	√					√						√	√								√	√					3	0.1-10µl, T-300	
						√	√					√						√	√								√	√					3	0.1-10µl, TXL-10	
		√																															3	0.1-20µl, T-400	
			√	√	√			√	√	√			√	√	√	√			√	√						√	√		√	√	√		√	4	1-200µl, T-200
			√	√	√			√	√	√			√	√	√	√			√	√						√	√		√	√	√		√	5	1-200µl, T-205-WB
			√	√	√			√	√	√			√	√	√	√			√	√						√	√		√	√	√		√	4	1-200µl, TR-222
				√	√			√	√				√	√	√	√						√						√	√				√	5	1-250µl, TR-333
				√	√			√	√				√	√	√	√						√						√	√				√	5	1-300µl, T-350
					√												√																√	6	100-1000µl, T-1000
					√												√																√	6	100-1000µl, T-1005-WB
					√												√																√	6	100-1200µl, T-1200
																		√	√														√	6	15-1250µl, MTX-1250
Aerosol Barrier Tips																												Volume/Axygen Tip							
																																	7	0.1-30µl, TF-384-30	
							√					√						√	√								√	√					3	0.1-10µl, TF-300	
							√	√				√						√	√								√	√					3	0.1-10µl, TXLF-10	
																																		3	0.1-20µl, TF-420
																																		4	0.5-20µl, TF-20
																			√															4	0.5-50µl, TF-50
																																		4	1-100µl, TF-100
																																		4	1-150µl, TF-150
																			√															4	1-200µl, TF-200
																			√															5	1-200µl, TF-205-WB
																			√															5	1-300µl, TF-350
																																		6	100-1000µl, TF-1000
																																		6	100-1000µl, TF-1005-WB
																																		6	100-1100µl, TF-1200
																																		6	15-1250µl, MTXF-1250

Pipette Tip Compatibility

< Pipettor Brand/make	Page #	Labnet Labpette					Labnet BioPette E					Matrix Impact/Impact2 (s/mc)	Nichiryo/Oxford Benchmate					Rainin EDP3 (single channel)																				
		single channel			multi-channel		single channel			multi-channel			0.5-10µl	2-20µl	10-50µl	10-100µl	20-200µl	100-1000µl	E-MC-10, 0.5-10µl	E2-25, 2.5-25µl	E2-100, 10-100µl	E2-250, 25-250µl	E2-100, 100-1000µl															
< Volume Range		0.1-2µl	0.5-10µl	2-20µl	10-100µl	20-200µl	100-1000µl	1-10µl	5-50µl	20-200µl	50-300µl	0.5-10µl	2-20µl	10-20µl	100-1000µl	0.5-10µl	2-20µl	10-20µl	10-200µl	100-1200µl	2-125µl	2-20µl	15-1250µl	0.5-10µl	2-20µl	10-50µl	10-100µl	20-200µl	100-1000µl	E-MC-10, 0.5-10µl	E2-25, 2.5-25µl	E2-100, 10-100µl	E2-250, 25-250µl	E2-100, 100-1000µl				
Volume/Axygen Tip		Non Filter Tips																																				
0.1-60µl, T-384	7																																					
0.1-30µl, T-1536	7																																					
0.1-10µl, T-300	3	√	√				√				√	√			√	√										√							√					
0.1-10µl, TXL-10	3	√	√				√				√	√			√	√										√							√					
0.1-20µl, T-400	3																																					
1-200µl, T-200	4		√	√	√			√	√	√			√			√					√				√			√	√					√	√	√		
1-200µl, T-205-WB	5		√	√	√			√	√	√			√			√					√				√			√	√					√	√	√		
1-200µl, TR-222	4		√	√	√			√	√	√			√			√					√				√			√	√					√	√	√		
1-250µl, TR-333	5			√	√				√	√			√			√					√				√			√							√	√		
1-300µl, T-350	5			√	√				√	√			√			√					√				√			√							√	√		
100-1000µl, T-1000	6						√							√																								√
100-1000µl, T-1005-WB	6						√							√																								√
100-1200µl, T-1200	6						√							√																								√
15-1250µl, MTX-1250	6																								√													
Volume/Axygen Tip		Aerosol Barrier Tips																																				
0.1-30µl, TF-384-30	7																																					
0.1-10µl, TF-300	3	√	√				√				√				√											√								√				
0.1-10µl, TXLF-10	3	√	√				√				√				√											√								√				
0.1-20µl, TF-420	3											√			√																							
0.5-20µl, TF-20	4		√																								√											
0.5-50µl, TF-50	4							√																				√										
1-100µl, TF-100	4			√																																√		
1-150µl, TF-150	4																							√														
1-200µl, TF-200	4				√				√	√			√			√							√														√	
1-200µl, TF-205-WB	5				√				√	√			√			√							√														√	
1-300µl, TF-350	5									√																											√	
100-1000µl, TF-1000	6						√																															√
100-1000µl, TF-1005-WB	6						√																															√
100-1100µl, TF-1200	6						√							√										√														√
15-1250µl, MTXF-1250	6																									√												

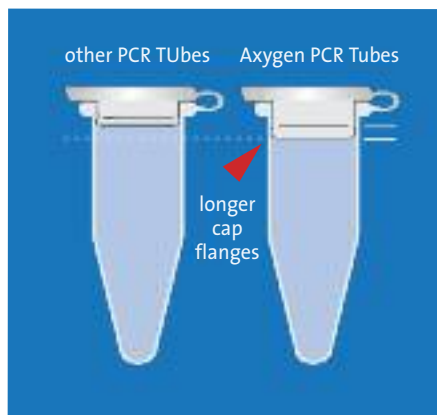
Pipette Tip Compatibility

Rainin EDP3 (m/ch)		Rainin Latch Mode							Socorex Calibra/Accura				VWR and VWR Signature				< Pipettor Brand/make																		
									(single channel)				(multi-channel)		(single channel)				(multi-channel)																
EP-M8-10, 0.5-10µl	EP-M8-30, 10-30µl	R2, 0.1-2µl	R10, 0.2-10µl	R20, 0.2-20µl	R100, 10-100µl	R200, 20-200µl	R1000, 100-1000µl	0.1-20µl	0.2-20µl	0.5-10µl	1-10µl	2-20µl	10-100µl	20-200µl	100-1000µl	1-10µl	5-50µl	10-100µl	20-200µl	50-200µl	0.1-20µl	0.5-10µl	2-20µl	5-50µl	10-100µl	20-200µl	50-200µl	100-1000µl	1-10µl	5-50µl	20-200µl	50-300µl	Page #	< Volume Range	
Non Filter Tips																			Volume/Axygen Tip																
																																	7	0.1-60µl, T-384	
																																	7	0.1-30µl, T-1536	
√		√	√					√	√	√	√					√					√	√											3	0.1-10µl, T-300	
√		√	√					√	√	√	√					√					√	√											3	0.1-10µl, TXL-10	
																																	3	0.1-20µl, T-400	
		√		√	√	√					√	√	√								√	√	√	√	√			√	√	√		4	1-200µl, T-200		
		√		√	√	√					√	√	√								√	√	√	√	√			√	√	√		5	1-200µl, T-205-WB		
		√		√	√	√					√	√	√								√	√	√	√	√			√	√	√		4	1-200µl, TR-222		
		√		√	√						√	√									√	√	√					√	√	√		5	1-250µl, TR-333		
		√		√	√						√	√									√	√	√					√	√	√		5	1-300µl, T-350		
							√								√													√					6	100-1000µl, T-1000	
							√								√													√					6	100-1000µl, T-1005-WB	
							√								√													√					6	100-1200µl, T-1200	
																																	6	15-1250µl, MTX-1250	
Aerosol Barrier Tips																			Volume/Axygen Tip																
																																	7	0.1-30µl, TF-384-30	
√		√	√					√	√	√	√					√					√	√											3	0.1-10µl, TF-300	
√		√	√					√	√	√	√					√					√	√											3	0.1-10µl, TXLF-10	
																																		3	0.1-10µl, TF-400
																																		3	0.1-20µl, TF-420
			√								√										√												4	0.5-20µl, TF-20	
											√										√							√					4	0.5-50µl, TF-50	
			√							√											√												4	1-100µl, TF-100	
											√										√												4	1-150µl, TF-150	
	√			√						√				√	√						√	√						√	√			4	1-200µl, TF-200		
	√			√						√				√	√						√	√						√	√			5	1-200µl, TF-205-WB		
	√																				√							√				5	1-300µl, TF-350		
											√																√						6	100-1000µl, TF-1000	
							√				√																√						6	100-1000µl, TF-1005-WB	
							√				√																√						6	100-1100µl, TF-1200	
																																	6	15-1250µl, MTXF-1250	

PCR Products

Axygen PCR Plates

- ▶ Barcoding available on skirted plates
- ▶ Available in a wide variety of sizes, configurations and colours
- ▶ Manufactured from 99.9% pure virgin polypropylene in a clean, controlled 'state of the art' facility
- ▶ Unique cap design prevents sample evaporation
- ▶ Certified to be RNase-, DNase- and Endotoxin safe
- ▶ Quantitative PCR compatible tubes and plates for a wide range of Real Time PCR instruments
- ▶ Ultra-thin and consistent wall thickness allows precise thermal transfer
- ▶ Full PCR multi-well plate compatibility chart on pages 25-26
- ▶ All multi-well plate measurements and dimensions available in PDF format for automation applications



Axygen PCR Tubes

PCR tubes require a thin and consistent wall thickness to reduce the insulating effect of the tube. Axygen PCR tubes are manufactured to the highest quality standards so your results will be consistent every time. Unlike some PCR tubes that have a short cap which may allow for sample evaporation during thermal cycling, Axygen PCR tubes are sealed with a full-length, even insertion cap which ensures a tight fit and eliminates the worry of sample evaporation.



Plate Sealing

Each "well sealer" incorporates a "scored" area for puncturing by a syringe needle. This allows samples to be dispensed and/or aspirated even while the

Axymat is in place. Each 'well-sealer', once punctured, will reseal itself, ensuring an airtight seal to the well.



PCR Plates and Sealing Mats

96-well Plates and Mats for 0.2ml thermal cycler blocks



AM-96-PCR-RD

No skirt, elevated wells

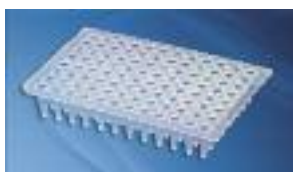
Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-C	200µl	Clear	96-well, No Skirt	Bulk
PCR-96-MB-C	200µl	Clear	96-well, No Skirt, Elevated Wells	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard thermal cycling; No Skirt Stratagene MX4000; Elevated Wells Megabace sequencer

- 96 Well No-Skirt PCR plate
- Clear, thin wall Well bottom

Volume to Brim of Well	Working Volume	Volume with Axymat
340µl	300µl	250µl
<i>Maximum G-force = 4,000 RCF</i>		
Sealing Options <ul style="list-style-type: none"> • Axymats • Heat Sealing • Adhesive Films and Foils • Flat & Domed Cap Strips 		
		PCR-96-C



96-well plates and mats for 0.2ml thermal cycler blocks

No skirt

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-FLT-C	200µl	Clear	96-well, No Skirt	Bulk
PCR-96-FLT-W	200µl	Clear	96-well, No Skirt, White	Bulk
PCR-96-FLT-BK	200µl	Clear	96-well, No Skirt, Black	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description: Plates = 5 plates/sleeve, 5 sleeves/pack, 4 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard thermal cycling, BioRad qPCR systems, Stratagene MX-3000



- Fits 0.2ml thermal cycler blocks
- 96-well Flat top PCR plate
- Fits ABI PRISM® 3100, 3130, 3730 and 3700 capillary sequencers plus Stratagene MX-3000
- Clear, thin wall well bottom

Volume to Brim of Well	Working Volume	Volume with Axymat
340µl	300µl	200µl
<i>Maximum G-force = 4,000 RCF</i>		
Sealing Options <ul style="list-style-type: none"> • Axymats • Heat Sealing • Adhesive Films and Foils • Flat & Domed Cap Strips 		

PCR Plates and Sealing Mats

96-well Plates and Mats for 0.2ml thermal cycler blocks

No skirt, low profile



96-well plates and mats for 0.2ml thermal cycler blocks

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-LP-FLT-C	100µl	Clear	96-well, No Skirt, Low Profile	Bulk
PCR-96-LP-FLT-BK	100µl	Black	96-well, No Skirt, Low Profile	Bulk
PCR-96-LP-FLT-W	100µl	White	96-well, No Skirt, Low Profile	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description: Plates = 5 plates/sleeve, 5 sleeves/pack, 4 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard Biometra thermal cyclers, Eppendorf MasterCycler qPCR, MJ Opticon/Chromo4 qPCR



- Suitable for 0.1ml thermal cycler blocks
- 96-well Flat top low profile PCR plate
- Clear, thin wall well bottom
- Also available in black and white

Volume to Brim of Well	Working Volume	Volume with Axymat
220µl	200µl	106µl
<i>Maximum G-force = 4,000 RCF</i>		

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils
- Flat & Domed Cap Strips

Segmented



96-well plates and mats for 0.2ml thermal cycler blocks

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-SG-C	200µl	Clear	96-well, Segmented	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard thermal cycling, Beckman CEQ Sequencers

- 96 Well Segmented PCR plate

Volume to Brim of Well	Working Volume	Volume with Axymat
320µl	280µl	240µl
<i>Maximum G-force = 4,000 RCF</i>		

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils
- Flat & Domed Cap Strips



PCR Plates and Sealing Mats

96-well Plates and Mats for 0.2ml thermal cycler blocks

Elevated skirt



96-well plates and mats for 0.2ml thermal cycler blocks

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-AB-C	200µl	Clear	96-well, Elevated Skirt	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard thermal cycling, ABI Real Time PCR 7300, 7500, 7900, qPCR and ABI Sequencing

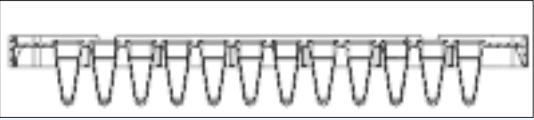


- 96 Well Semi-Skirted PCR Plate
- Single Notch Corner
- Designed for ABI Thermal Cyclers

Volume to Brim of Well	Working Volume	Volume with Axymat
335µl	300µl	260µl
<i>Maximum G-force = 4,000 RCF</i>		

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils
- Flat & Domed Cap Strips



Low profile, half skirt



96-well plates and mats for 0.2ml thermal cycler blocks

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-LP-AB-C	100µl	Clear	96-well Rapid PCR Plate, Low Profile	Bulk
PCR-96-LP-AB-BK	100µl	Black	96-well Rapid PCR Plate, Low Profile	Bulk
PCR-96-LP-AB-W	100µl	White	96-well Rapid PCR Plate, Low Profile	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description: Plates = 5 plates/sleeve, 5 sleeves/pack, 4 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: ABI Fast PCR 7500, 7900 Fast, 9800, Veriti and StepOne

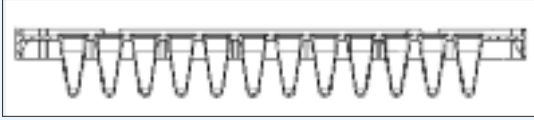


- 96 Well Semi-Skirted Low Profile PCR Plate
- Optimized for Fast PCR
- Reduced volume minimizes potential evaporation
- Designed for ABI Thermal Cyclers

Volume to Brim of Well	Working Volume	Volume with Axymat
240µl	200µl	140µl
<i>Maximum G-force = 4,000 RCF</i>		

Sealing Options

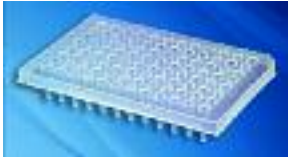
- Axymats
- Heat Sealing
- Adhesive Films and Foils
- Flat & Domed Cap Strips





PCR Plates and Sealing Mats

96-well Plates and Mats for 0.2ml thermal cycler blocks



96-well plates and mats for 0.2ml thermal cycler blocks

- 96-well Half skirted PCR plate
- Single Notch Corner
- Clear, thin wall well bottom
- Also available in black and white

Half skirt

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96M2-HS-C	200µl	Clear	96-well, Half Skirt	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description:

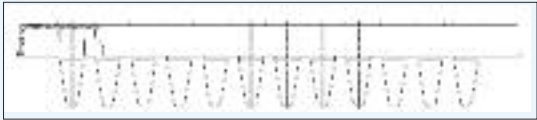
Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility:

Standard thermal cycling, plus ABI PCR 2700, 2720, 9700, 9800, 7300, 7500 and 7900 and ABI sequencing units



Volume to Brim of Well	Working Volume	Volume with Axymat
340µl	300µl	240µl
Maximum G-force = 4,000 RCF		
Sealing Options <ul style="list-style-type: none"> • Axymats • Heat Sealing • Adhesive Films and Foils • Flat & Domed Cap Strips 		




96-well plates and mats

- 96-well Full Skirt PCR plate
- Single notch corner
- Clear, thin wall well bottom
- Stackable
- Robotic Friendly full skirt design
- Also available in black and white

Full skirt

Axygen Cat No	Volume	Colour	Microplate Type	Packaging
PCR-96-FS-C	200µl	Clear	96-well, Full Skirt	Bulk
AM-96-PCR-RD		Natural	Sealing Mat for 96-well PCR Microplates	Bulk

Packaging Description:

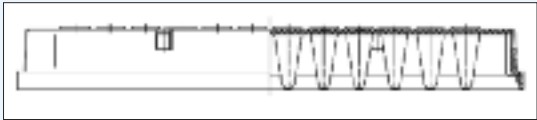
Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility:

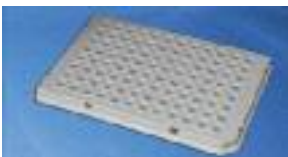
Standard thermal cycling, Automation Friendly



Volume to Brim of Well	Working Volume	Volume with Axymat
240µl	200µl	140µl
Maximum G-force = 4,000 RCF		
Sealing Options <ul style="list-style-type: none"> • Axymats • Heat Sealing • Adhesive Films and Foils • Flat & Domed Cap Strips 		



New Roche LightCycler® 480 Real-Time PCR



Maximum Volume: 45µl
Working Volume: 30µl
Volume with Axymat 6µl

Axygen Cat No	Colour	Description	Sealing	Footprint Film
PCR-96-LC480-W	White	96-Well PCR Microplate for Roche 480 LightCycler®	UC-500 included	SBS
PCR-96-LC480-W-BC	White	96-Well PCR Microplate for Roche 480 LightCycler®, Bar-Coded	UC-500 included	SBS
PCR-96-LC480-W-NF	White	96-Well PCR Microplate for Roche 480 LightCycler®	None	SBS

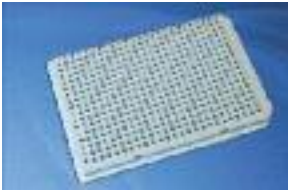
Packaging Description:

10 Plates /Pack, 5 Pack/Case



PCR Plates and Sealing Mats

384-well Plates and Mats



Roche LightCycler® 480

Axygen Cat No	Colour	Description	Sealing	Footprint Film
PCR-384-LC480-W-BC	White	PCR Plate, 384-well for Roche Lightcycler® 480, Barcoded	UC-500 included	SBS
PCR-384-LC480-W	White	PCR Plate, 384-well for Roche Lightcycler® 480	UC-500 included	SBS
PCR-384-LC480-W-NF	White	PCR Plate, 384-well for Roche Lightcycler® 480	None	SBS

Maximum Volume: 45µl
Working Volume: 30µl
Volume with Axymat 6µl

Packaging Description: 10 Plates /Pack; 5 Pack/Case



Skirted

Axygen Cat No	Volume	Colour	Microplate Type	Footprint Film
PCR-384-C	50µl	Clear	384-well	Bulk
AM-384-PCR-RD		Natural	Sealing Mat for 384-well PCR Microplates	Bulk
AM-384-PCR-RV		Natural	Volume Reducing Sealing Mat*	Bulk



Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard thermal cycling



384-well plates and mats
Notches on A24 and P24 side

- 384-well Double Notch PCR plate
- Robotic Friendly full skirt design
- **Double** notch corner

Volume to Brim of Well	Working Volume	Volume with Axymat	Volume with VR Axymat
50µl	40µl	30µl	6.0µl
<i>Maximum G-force = 4,000 RCF</i>			

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils



Skirted

Axygen Cat No	Volume	Colour	Microplate Type	Footprint Film
PCR-384M2-C	55µl	Clear	384-well	Bulk
AM-384-PCR-RD		Natural	Sealing Mat for 384-well PCR Microplates	Bulk
AM-384-PCR-RV		Natural	Volume Reducing Sealing Mat*	Bulk

384-well plates and mats
Notch on A24 side

- 384-well Single Notch PCR plate
- Robotic Friendly full skirt design
- **Single** notch corner

Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

Application/Compatibility: Standard thermal cycling, Fully ABI compatible for qPCR and Sequencing



Volume to Brim of Well	Working Volume	Volume with Axymat	Volume with VR Axymat
55µl	50µl	40µl	6.5µl
<i>Maximum G-force = 4,000 RCF</i>			

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils



PCR Plates and Sealing Mats

384-well Plates and Mats

Skirted, rigid



384-well plate
Notch on A24 side

Axygen Cat No	Volume	Colour	Microplate Type	Footprint Film
PCR-384-RGD-C	50µl	Clear	384-well RigiPlate®	Bulk
AM-384-PCR-RD		Natural	Sealing Mat for 384-well PCR Microplates	Bulk
AM-384-PCR-RV		Natural	Volume Reducing Sealing Mat*	Bulk

Packaging Description: Plates = 10 plates/pack, 2 packs/sleeve, 5 sleeves/case; Mats = 10 mats/pack, 5 packs/case

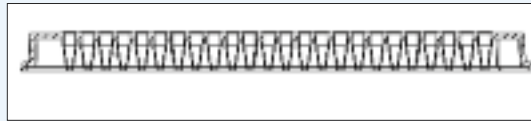
Application/Compatibility: Standard thermal cycling, ABI sequencing, automation applications

Volume to Brim of Well	Working Volume	Volume with Axymat	Volume with VR Axymat
50µl	49.5µl	30µl	6.5µl

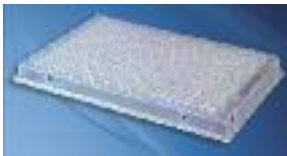
Maximum G-force = 4,000 RCF

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils



- 384-well RigiPlate® PCR plate
- Robotic friendly rigid plate with full skirt
- Single notch corner



384-well plate
Notch on A24 side

Skirted, elevated wells

Axygen Cat No	Volume	Colour	Microplate Type	Footprint Film
PCR-384-55-C	55µl	Clear	384-well, 55µl	Bulk
AM-384-PCR-RD		Natural	Sealing Mat for 384-well PCR Microplates	Bulk
AM-384-PCR-RV		Natural	Volume Reducing Sealing Mat*	Bulk

Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

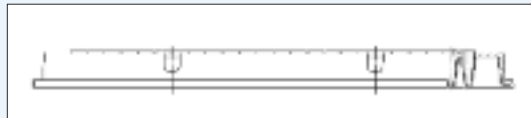
Application/Compatibility: Standard thermal cycling, ABI sequencing, qPCR

Volume to Brim of Well	Working Volume	Volume with Axymat	Volume with VR Axymat
55µl	50µl	45µl	10.5µl

Maximum G-force = 4,000 RCF

Sealing Options

- Axymats
- Heat Sealing
- Adhesive Films and Foils



- 384-well Single Notch PCR plate
- Raised wells allow 55µl volume
- Single notch corner

PCR Plates and Sealing Mats

Sealing Film Options



Real time PCR Accessories









Real time PCR Accessories

Axygen Cat No	Material	Description	Packaging	App Type
UC-500	Polyester	Ultra Clear Film, Pressure Sensitive	Bulk	

Ultra Clear for Real Time PCR applications

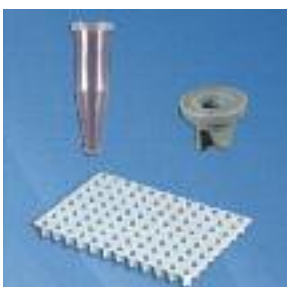
Packaging Description: Films = 100 films/pack, 5 packs/case



Axygen Cat No	Material	Description	Packaging	App Type
PCR-AS-200	Aluminium	Aluminium Seal, 35µm	Bulk	
PCR-AS-600	Aluminium	Aluminium Seal, 50µm	Bulk	
PCR-TS	Polypropylene	Clear Seal, 60µm	Bulk	
PCR-TS-900	Polypropylene	Clear Seal, 120µm	Bulk	
MF-111	Aluminium/Ethylene/Vinyl	Aluminium Seal, 60µl	Bulk	
MF-300	Litto/Ethylene/Vinyl	Aluminium Seal, paper backed, 85µl	Bulk	
BF-400	Rayon	Breathable film, 50µm	Bulk	
BF-400-S	Rayon	Breathable film sterile, 50µm	Bulk	

 = self adhesive  = heat seal

Packaging Description: * Films = 100 films/pack, 10 packs/case
** 25 per bag, 2 bags per pack, 10 packs per case



Capillary sequencing products

Capillary sequencing products

Axygen Cat No	Volume	Colour	Description	Packaging
TUB-310-NC	0.5ml	Clear	Capless Tube for ABI Prism 310 sequencer	Bulk

Packaging Description: 500 tubes/pack, 5 packs/case

Axygen Cat No	Volume	Colour	Description	Packaging
AM-SEPTA-310	-	Grey	Individual SeptaCaps for 0.5ml ABI Prism 310 sequencer tubes	Bulk

Packaging Description: 500 caps/pack, 5 packs/case

Axygen Cat No	Volume	Colour	Description	Packaging
AM-96-SEPTA-3100	-	Grey	Septa Mat for ABI Multi-Capillary Sequencing Instruments	Bulk

Packaging Description: 10 mats/pack, 5 packs/case



PCR Tubes, Flat and Domed

0.2ml and 0.5ml



PCR Tube

Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-02-C	MaxyClear	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-A	Assorted	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-B	Blue	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-G	Green	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-O	Orange	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-R	Red	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-V	Violet	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-Y	Yellow	0.2ml	Thin Wall, Flat Cap	Bulk
PCR-02-L-C	MaxyClear	0.2ml	Flat Cap, Maxymum Recovery	Bulk

Packaging Description: 1000 tubes/pack, 10 packs/case

0.2ml - domed cap



PCR Tube, domed cap

Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-02D-C	MaxyClear	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-A	Assorted	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-B	Blue	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-G	Green	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-O	Orange	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-R	Red	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-V	Violet	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-Y	Yellow	0.2ml	Thin Wall, Domed Cap	Bulk
PCR-02D-L-C	MaxyClear	0.2ml	Domed Cap, Maxymum Recovery	Bulk

Packaging Description: 1000 tubes/pack, 10 packs/case

0.2ml - no cap



PCR Tube, no cap

Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-02-NC	MaxyClear	0.2ml	Thin Wall PCR Tubes, No Cap	Bulk

Packaging Description: 1000 tubes/pack, 10 packs/case

0.5ml - flat cap



PCR Tube, flat cap

Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-05-C	MaxyClear	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-A	Assorted	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-B	Blue	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-G	Green	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-O	Orange	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-R	Red	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-V	Violet	0.5ml	Thin Wall, Flat Cap	Bulk
PCR-05-Y	Yellow	0.5ml	Thin Wall, Flat Cap	Bulk

Packaging Description: 1000 tubes/pack, 10 packs/case

PCR Tubes, Strips and Racks

0.2ml, flat cap, spectrum pack



Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-02-SP	Spectrum 	0.2ml	Thin Wall, Flat Cap, Spectrum Pack Blue, Green, Red, Yellow, Orange	Bulk

Packaging Description: 1000 tubes/pack, 10 packs/case, 2 packs of each colour



Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-02D-SP	Spectrum 	0.2ml	Thin Wall, Domed Cap, Spectrum Pack Blue, Green, Red, Yellow, Orange	Bulk

Packaging Description: 1000 tubes/pack, 10 packs/case, 2 packs of each colour



PCR tubes, strips and racks

Axygen Cat No	Colour	Volume	Tube Type	Packaging
PCR-0208-C	MaxyClear	0.2ml	Thin Wall PCR Tube, 8 per Strip	Bulk
PCR-02CP-C	MaxyClear	0.2ml	Domed 8 Strip Caps	Bulk
PCR-0208-CP-C	MaxyClear	0.2ml	Thin Wall PCR Tubes and Domed Caps, 8 per Strip	Bulk
New PCR-02-FCP-C	MaxyClear	0.2ml	Flat 8 Strip Caps with writing surface	Bulk
New PCR-0208-FCP-C	MaxyClear	0.2ml	Thin Wall PCR Tubes and Flat Caps, 8 per Strip	Bulk
New PCR-2CP-RT-C	MaxyClear	0.2ml	Thin Wall PCR Caps for qPCR, 8 per Strip	Bulk

Packaging Description: 125 strips/pack, 10 packs/case

Optical flat cap strips feature ultra-clear upper surfaces, ideal for fluorescent, luminescent and real-time PCR applications. They offer a light transmittance that is 75% higher than with standard strip caps. Made to seal tube strips and 96-well plates.
















PCR racks

Axygen Cat No	Colour	Tube Type	Packaging
R-96-PCR-FP	Fluorescent Pink	PCR Storage Rack	Bulk
R-96-PCR-FB	Fluorescent Blue	PCR Storage Rack	Bulk
R-96-PCR-FG	Fluorescent Green	PCR Storage Rack	Bulk
R-96-PCR-FY	Fluorescent Yellow	PCR Storage Rack	Bulk
R-96-PCR-FO	Fluorescent Orange	PCR Storage Rack	Bulk
R-96-PCR-FSP	5 Fluorescent Colours	PCR Storage Rack, Spectrum Pack	Bulk

Packaging Description: 5 racks/pack, 5 packs/case

PCR Plate Compatibility

<i>Axygen Plate</i>		<i>PCR-96-FLT</i>	<i>PCR-96-LP-FLT</i>	<i>PCR-96</i>	<i>PCR-96-MB</i>	<i>PCR-96-SG</i>	<i>PCR-96M2-HS</i>	<i>PCR-96-AB</i>	<i>PCR-96-LP-AB</i>	<i>PCR-96-FS</i>	<i>PCR-384</i>	<i>PCR-384M2</i>	<i>PCR-384-55</i>	<i>PCR-384-RGD</i>	
<i>Catalogue page</i>		16	17	16	16	17	19	18	18	19	20	20	21	21	
<i>Brand</i>	<i>Model</i>														
Real Time PCR Thermal Cyclers															
Applied Biosystems®	7000	√					√	√							
	7300	√					√	√							
	7500	√					√	√	√*						
	7700	√					√	√							
	7900HT						√	√	√*			√			
	StepOne								√						
BioRad®	iCycler	√		√		√	√								
	MyiQ	√		√											
	iQ5	√		√		√	√			√					
Eppendorf	MasterCycler ep Realplex		√							√					
MJ Research™	Opticon		√							√					
	Opticon 2		√							√					
	Chromo4		√							√					
Stratagene®	MX-4000		√	√											
	MX-3000	√													
Techne®	Quantica		√							√					
PCR Thermal Cyclers															
Applied Biosystems	Veriti	√		√		√	√	√	√*		√	√	√	√	√
	9600	√		√		√	√	√							
	9700	√		√		√	√	√			√	√	√	√	
	9800 FAST								√						
	2720	√		√		√	√	√			√	√	√	√	√
Biometra	Uno	√	√	√		√	√			√					
	Uno II	√	√	√			√				√	√	√	√	
	T1 Thermal Cycler	√	√	√			√			√	√	√	√	√	
	Tgradient	√	√	√			√			√					
	Trobot	√	√	√			√			√	√	√	√	√	
BioRad	iCycler	√		√			√								
	MyCycler	√		√			√								
Corbett Research	PalmCycler 96		√				√			√					
	PalmCycler 384										√	√	√	√	
Eppendorf	Mastercycler	√	√	√			√			√					
	Mastercycler ep	√	√	√			√			√					
	Mastercycler M384										√	√	√	√	
Flexi	Gene	√		√			√			√	√	√	√	√	
	Genius	√		√			√			√					

PCR/SEALING PRODUCTS

PCR-96-FLT	PCR-96-LP-FLT	PCR-96	PCR-96-MB	PCR-96-SG	PCR-96M2-HS	PCR-96-AB	PCR-96-LP-AB	PCR-96-FS	PCR-384	PCR-384M2	PCR-384-55	PCR-384-RGD	Axygen Plate
16	17	16	16	17	19	18	18	19	20	20	21	21	Catalogue page
													Model Brand
PCR Thermal Cyclers													
√	√	√			√								Single Block Ericom
√	√	√			√								TwinBlock
√	√	√		√	√								Deltacycler I
					√			√					PCR Sprint ThermoHybaid
√	√	√			√			√	√	√	√	√	PCR Express
√	√	√			√			√	√	√	√	√	Multiblock System
√	√	√		√	√			√	√	√	√	√	Touchdown
√	√	√			√			√	√	√	√	√	Omnigene
√	√	√			√			√					Omn-E
√	√	√			√			√	√	√	√	√	pxe
√	√	√			√			√	√	√	√	√	px2
√	√	√		√	√			√		√	√	√	PTC-100 MJ Research™
√	√	√		√	√			√		√	√	√	PTC-200
√	√	√		√	√			√		√	√	√	PTC-225 Tetrad
√	√	√		√	√			√		√	√	√	Dyad/Disciple
√	√	√		√	√			√					Primus 96 MWG™
									√	√	√	√	Primus 384
√		√						√					Robocycler Stratagene®
								√					TP240 TaKaRa
√	√	√		√	√			√					TP3000
√	√	√		√	√			√	√	√	√	√	Touchgene Gradient (TC512) Techne®
√	√	√		√	√			√					Genius (TC412)
√	√			√	√			√	√	√	√	√	Touchgene X
Sequencers													
√		√			√	√				√	√	√	3100 Applied Biosystems
√		√			√	√				√	√	√	3130
√		√			√	√			√	√	√	√	3700
√		√			√	√				√	√	√	3730/3730x
			√					√					MegaBACE 500 Amersham
			√										MegaBACE 1000
									√	√	√	√	MegaBACE 4000
				√									CEQ Beckman
								√					BaseStation MJ Research
								√					WAVE System Transgenomic

Microtubes

MAXIMUM Recovery® for the ultimate in sample integrity

Axygen's microcentrifuge tubes are produced from medical grade polypropylene

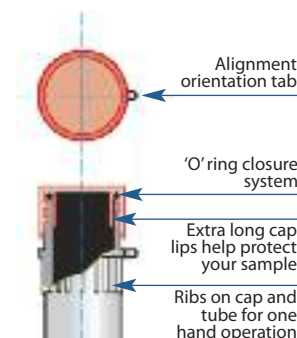
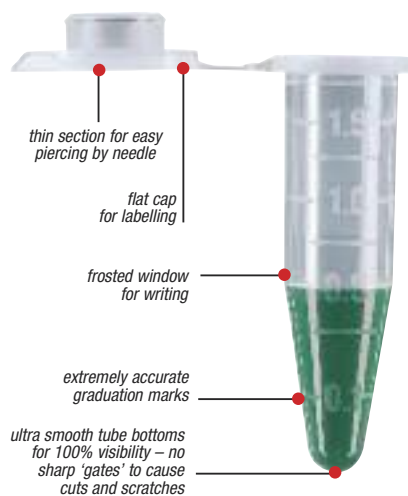
- Maxymum Recovery & Standard Snaplock tubes – 0.5, 1.5, 1.7 and 2.0ml
- Maxymum Recovery & Standard Screw-cap tubes – 0.5, 1.5 and 2.0ml conical and free-standing
- Durable Plastic Tube Racks – 50, 80 and 81-position
- Aluminum Tube Racks – 48-position for screw cap tubes

MAXYclear SnapLock Microtubes

Axygen 1.5ml, 1.7ml and 2.0ml Snaplock microtubes are engineered to close with a "snap" and stay closed during centrifugation up to 20,000 RCF. The 0.6ml and 1.7ml MAXYclear tubes are manufactured using a copolymer material to offer exceptional strength and chemical resistance. All Axygen SnapLock microtubes have frosted cap surfaces for labelling, frosted panels on the side for writing, a 0.28 mm piercing port in the center of the cap, are tested to 55 psi and are ready for autoclaving.

MAXYclear Screw Cap Microtubes

Axygen screw cap microtubes serve a broad range of laboratory needs including collection, processing, centrifugation, long-term storage and packaging/shipping of restriction enzymes and other reagents. Colour-coded caps provide a syringe port which is easily pierced for radio-isotope labelling and fraction collecting. The threaded 'O' ring ensures a uniform closure allowing centrifugation up to 20,000 RCF. Ribs are designed to fit racks and facilitate single-handed opening and closing when used with our aluminum AxyRack, found on page 35. See page 70 for information on RCF, or "g-force"



The closure on Axygen Screw Cap Tubes feature an 'O' ring that is formulated and manufactured from a specially selected material that is resistant to many commonly-used laboratory chemicals. The Alignment Orientation Tab (US patent # 5891327) allows the microtube to be aligned with the centrifuge rotor for multiple applications, including desalting. This ensures that the microtube can be re-spun without disturbing the partially pelletized sediment.

- MAXYclear™ for the ultimate in sample visibility - found in all of Axygen's SnapLock tubes
- A wide range of colored tubes for easy sample identification
- SnapLock tubes are guaranteed to stay closed - even during boiling or autoclaving!
- Will withstand up to 20,000 RCF
- SnapLock cap assures efficient seal, yet is still easy to 'flip' open
- Thin membrane in cap center allows easy access to sample by syringe needle
- Certified RNase-, DNase- and endotoxin-safe for total sample integrity
- MAXIMUM Recovery - available in most styles for minimal sample retention

* Maxymum Recovery Screw Cap Tubes are available as special order items. please call our customer service department for more information.

Snaplock Microtubes












MaxyClear

- allows recovery of costly samples
- Co-polymer tubes offer exceptional strength and chemical resistance
- Homopolymer tubes are more resistant to autoclaving
- 0.6ml, 1.5ml and 2.0ml microtubes are certified boil proof

0.6ml – MaxyClear



MCT-060-C 0.6ml Microtube

Axygen Cat No	Colour	Volume	Microtube Material	Packaging
MCT-060-C	MaxyClear 	0.6ml	Homopolymer	Bulk
MCT-060-A	Assorted* 	0.6ml	Homopolymer	Bulk
MCT-060-B	Blue 	0.6ml	Homopolymer	Bulk
MCT-060-G	Green 	0.6ml	Homopolymer	Bulk
MCT-060-O	Orange 	0.6ml	Homopolymer	Bulk
MCT-060-R	Red 	0.6ml	Homopolymer	Bulk
MCT-060-V	Violet 	0.6ml	Homopolymer	Bulk
MCT-060-X	Amber 	0.6ml	Homopolymer	Bulk
MCT-060-Y	Yellow 	0.6ml	Homopolymer	Bulk










Packaging Description: 1000 tubes/pack, 10 packs/case

Maximum G-force: 14,000 RCF

1.7ml – MaxyClear



MCT-175-C 1.7ml Microtube

Axygen Cat No	Colour	Volume	Microtube Material	Packaging
MCT-175-C	MaxyClear 	1.7ml	Co-polymer	Bulk
MCT-175-A	Assorted* 	1.7ml	Co-polymer	Bulk
MCT-175-B	Blue 	1.7ml	Co-polymer	Bulk
MCT-175-G	Green 	1.7ml	Co-polymer	Bulk
MCT-175-O	Orange 	1.7ml	Co-polymer	Bulk
MCT-175-R	Red 	1.7ml	Co-polymer	Bulk
MCT-175-V	Violet 	1.7ml	Co-polymer	Bulk
MCT-175-X	Amber 	1.7ml	Co-polymer	Bulk
MCT-175-Y	Yellow 	1.7ml	Co-polymer	Bulk










Packaging Description: 500 tubes/pack, 10 packs/case

Maximum G-force: 20,000 RCF

1.5ml – MaxyClear



MCT-150-C 1.5ml Microtube

Axygen Cat No	Colour	Volume	Microtube Material	Packaging
MCT-150-C	MaxyClear 	1.5ml	Homopolymer	Bulk
MCT-150-A	Assorted* 	1.5ml	Homopolymer	Bulk
MCT-150-B	Blue 	1.5ml	Homopolymer	Bulk
MCT-150-G	Green 	1.5ml	Homopolymer	Bulk
MCT-150-O	Orange 	1.5ml	Homopolymer	Bulk
MCT-150-R	Red 	1.5ml	Homopolymer	Bulk
MCT-150-V	Violet 	1.5ml	Homopolymer	Bulk
MCT-150-X	Amber 	1.5ml	Homopolymer	Bulk
MCT-150-Y	Yellow 	1.5ml	Homopolymer	Bulk










Packaging Description: 500 tubes/pack, 10 packs/case

Maximum G-force: 20,000 RCF

1.5ml – MaxyClear



MCT-200-C 1.5ml Microtube

Axygen Cat No	Colour	Volume	Microtube Material	Packaging
MCT-200-C	MaxyClear 	2.0ml	Homopolymer	Bulk
MCT-200-A	Assorted* 	2.0ml	Homopolymer	Bulk
MCT-200-B	Blue 	2.0ml	Homopolymer	Bulk
MCT-200-G	Green 	2.0ml	Homopolymer	Bulk
MCT-200-O	Orange 	2.0ml	Homopolymer	Bulk
MCT-200-R	Red 	2.0ml	Homopolymer	Bulk
MCT-200-V	Violet 	2.0ml	Homopolymer	Bulk
MCT-200-X	Amber 	2.0ml	Homopolymer	Bulk
MCT-200-Y	Yellow 	2.0ml	Homopolymer	Bulk

Packaging Description: 500 tubes/pack, 10 packs/case

Maximum G-force: 20,000 RCF

* colors included: blue, green, violet, orange, red and yellow in approximately equal quantities



Snaplock Microtubes



0.6ml

1.5ml

Maxyclear

Axygen Cat No	Colour	Volume	Microtube Materia/Description	Packaging
MCT-060-SP	Spectrum	0.6ml	Homopolymer	Bulk
MCT-150-SP	Spectrum	1.5ml	Homopolymer	Bulk
MCT-175-SP	Spectrum	1.7ml	Co-polymer	Bulk
MCT-200-SP	Spectrum	2.0ml	Homopolymer	Bulk

Packaging Description: 0.6ml = 1000 tubes/pack, 10 packs/case; other sizes = 500 tubes/pack, 10 packs/case. 2 packs of blue, green, orange, red and yellow tubes per case

Maximum G-force: 0.6ml = 14,000 RCF; other size tubes = 20,000 RCF



1.7ml

2.0ml

Maximum Recovery

Axygen Cat No	Colour	Volume	Microtube Materia/Description	Packaging
MCT-060-L-C	MaxyClear	0.6ml	Homopolymer/Maximum Recovery	Bulk
MCT-150-L-C	MaxyClear	1.5ml	Homopolymer/Maximum Recovery	Bulk
MCT-175-L-C	MaxyClear	1.7ml	Co-polymer/Maximum Recovery	Bulk
MCT-200-L-C	MaxyClear	2.0ml	Homopolymer/Maximum Recovery	Bulk

Packaging Description: 0.6ml = 500 tubes/pack, 10 packs/case; other sizes = 250 tubes/pack, 10 packs/case.

Maximum G-force: 0.6ml = 14,000 RCF; other size tubes = 20,000 RCF

Pre-Sterilized

Axygen Cat No	Colour	Volume	Microtube Materia/Description	Packaging
MCT-060-C-S	MaxyClear	0.6ml	Homopolymer/Pre-Sterilized	Bulk
MCT-150-C-S	MaxyClear	1.5ml	Homopolymer/Pre-Sterilized	Bulk
MCT-175-C-S	MaxyClear	1.7ml	Co-polymer/Pre-Sterilized	Bulk
MCT-200-C-S	MaxyClear	2.0ml	Homopolymer/Pre-Sterilized	Bulk

Packaging Description: 0.6ml = 1000 tubes/pack, 10 packs/case; other sizes = 500 tubes/pack, 10 packs/case. 2 packs of blue, green, orange, red and yellow tubes per case

Maximum G-force: 0.6ml = 14,000 RCF; other size tubes = 20,000 RCF

1.5 and 2.0ml Capless



1.5ml No Cap

2.0ml No Cap

Axygen Cat No	Colour	Volume	Microtube Materia/Description	Packaging
MCT-150-NC	MaxyClear	1.5ml	Homopolymer/No Cap	Bulk
MCT-200-NC	MaxyClear	2.0ml	Homopolymer/No Cap	Bulk

Packaging Description: 500 tubes/pack, 10 packs/case.

Maximum G-force: 20,000 RCF

for 1.5 and 2.0ml tubes Tissue Grinder



Axygen Cat No	Colour	Volume	Microtube Materia/Description	Packaging
PES-15-B-SI	Blue	1.5 & 2.0ml	Pestle/Pre-Sterilized	Individually wrapped

Packaging Description: Individually Wrapped, 100/pack, 4 packs/case

- Durable and inert polypropylene construction
- Designed to fit 1.5ml & 2.0ml centrifuge tubes
- Individually wrapped and pre-sterilized for convenience

Autoclaving Protocol

Autoclave at 121°C/250°F at 15 psi (1 atm.) for 15 minutes. Do not use drying cycle. Remove from autoclave once temperature has reached at least 80°C.

Autoclaving Caution

Excessive exposure to autoclaving heat may cause warping or decreased structural integrity. Do not exceed 121°C / 250°F, 15 psi (1 atm.), 15 minutes.

Screw Cap Tubes



With Caps

0.5ml, conical



0.5ml, conical



ST-45-C

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-45-C	Clear	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-C	Clear	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-A	Assorted†	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-GR	Grey	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-W	White	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-P	Pink	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-R	Red	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-O	Orange	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-Y	Yellow	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-G	Green	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-B	Blue	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-V	Violet	0.5ml	Conical	Screw Cap Tubes and Caps
SCT-050-BR	Brown	0.5ml	Conical	Screw Cap Tubes and Caps

Packaging Description: 500 tubes/pack, 8 packs/case; 150/bag, 10 bags/pack, 8 packs/case

Maximum G-force: 20,000 RCF

0.5ml, self-standing



0.5ml, self standing

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-050-SS-C	Clear	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-A	Assorted†	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-GR	Grey	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-W	White	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-P	Pink	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-R	Red	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-O	Orange	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-Y	Yellow	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-G	Green	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-B	Blue	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-V	Violet	0.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-050-SS-BR	Brown	0.5ml	Self Standing	Screw Cap Tubes and Caps

Packaging Description: 500 tubes/pack, 8 packs/case; 150/bag, 10 bags/pack, 8 packs/case

Maximum G-force: 20,000 RCF

1.5ml conical



0.5ml, self standing

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-150-C	Clear	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-A	Assorted†	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-GR	Grey	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-W	White	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-P	Pink	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-R	Red	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-O	Orange	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-Y	Yellow	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-G	Green	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-B	Blue	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-V	Violet	1.5ml	Conical	Screw Cap Tubes and Caps
SCT-150-BR	Brown	1.5ml	Conical	Screw Cap Tubes and Caps

Packaging Description: 500 tubes/pack, 8 packs/case; 150/bag, 10 bags/pack, 8 packs/case

Maximum G-force: 20,000 RCF

Screw Cap Tubes

With Caps

1.5ml, self-standing



1.5ml, self-standing

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-150-SS-C	Clear	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-A	Assorted†	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-GR	Grey	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-W	White	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-P	Pink	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-R	Red	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-O	Orange	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-Y	Yellow	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-G	Green	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-B	Blue	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-V	Violet	1.5ml	Self Standing	Screw Cap Tubes and Caps
SCT-150-SS-BR	Brown	1.5ml	Self Standing	Screw Cap Tubes and Caps

Packaging Description: 500 tubes/pack, 8 packs/case; †150/bag, 10 bags/pack, 8 packs/case

Maximum G-force: 20,000 RCF

2.0ml, conical



2.0ml, conical

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-200-C	Clear	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-A	Assorted†	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-GR	Grey	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-W	White	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-P	Pink	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-R	Red	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-O	Orange	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-Y	Yellow	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-G	Green	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-B	Blue	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-V	Violet	2.0ml	Conical	Screw Cap Tubes and Caps
SCT-200-BR	Brown	2.0ml	Conical	Screw Cap Tubes and Caps

Packaging Description: 500 tubes/pack, 8 packs/case; †150/bag, 10 bags/pack, 8 packs/case

Maximum G-force: 20,000 RCF

2.0ml, self-standing



2.0ml, self-standing

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-200-SS-C	Clear	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-A	Assorted†	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-GR	Grey	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-W	White	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-P	Pink	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-R	Red	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-O	Orange	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-Y	Yellow	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-G	Green	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-B	Blue	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-V	Violet	2.0ml	Self Standing	Screw Cap Tubes and Caps
SCT-200-SS-BR	Brown	2.0ml	Self Standing	Screw Cap Tubes and Caps

Packaging Description: 500 tubes/pack, 8 packs/case; †150/bag, 10 bags/pack, 8 packs/case

Maximum G-force: 20,000 RCF

Screw Cap Tubes



With Caps

Pre-Sterilized



Pre-Sterilized

Axygen Cat No	Colour	Volume	Style	Tube Type
SCT-45-C-S	Clear	0.5ml	Conical	Pre-Sterilized‡
SCT-050-C-S	Clear	0.5ml	Conical	Pre-Sterilized‡
SCT-050-A-S	Assorted†	0.5ml	Conical	Pre-Sterilized‡
SCT-050-SS-C-S	Clear	0.5ml	Self Standing	Pre-Sterilized‡
SCT-050-SS-A-S	Assorted†	0.5ml	Self Standing	Pre-Sterilized‡
SCT-150-C-S	Clear	1.5ml	Conical	Pre-Sterilized‡
SCT-150-A-S	Assorted†	1.5ml	Conical	Pre-Sterilized‡
SCT-150-SS-C-S	Clear	1.5ml	Self Standing	Pre-Sterilized‡
SCT-150-SS-A-S	Assorted†	1.5ml	Self Standing	Pre-Sterilized‡
SCT-200-C-S	Clear	2.0ml	Conical	Pre-Sterilized‡
SCT-200-A-S	Assorted†	2.0ml	Conical	Pre-Sterilized‡
SCT-200-SS-C-S	Clear	2.0ml	Self Standing	Pre-Sterilized‡
SCT-200-SS-A-S	Assorted†	2.0ml	Self Standing	Pre-Sterilized‡

Packaging Description: 500 tubes/pack, 8 packs/case; 150/bag, 10 bags/pack, 8 packs/case
Maximum G-force: 20,000 RCF

Tubes Only



Screw Cap Tubes (Tubes Only)

Amber Screw Cap Tubes (Tubes Only)

Axygen Cat No	Colour	Volume	Style	Tube Type
ST-45	Clear	0.5ml	Conical	Screw Cap Tubes
ST-050	Clear	0.5ml	Conical	Screw Cap Tubes
ST-050-SS	Clear	0.5ml	Self Standing	Screw Cap Tubes
ST-150	Clear	1.5ml	Conical	Screw Cap Tubes
ST-150-SS	Clear	1.5ml	Self Standing	Screw Cap Tubes
ST-200	Clear	2.0ml	Conical	Screw Cap Tubes
ST-200-SS	Clear	2.0ml	Self Standing	Screw Cap Tubes
ST-050-X	Amber	0.5ml	Conical	Screw Cap Tubes
ST-050-SS-X	Amber	0.5ml	Self Standing	Screw Cap Tubes
ST-150-X	Amber	1.5ml	Conical	Screw Cap Tubes
ST-150-SS-X	Amber	1.5ml	Self Standing	Screw Cap Tubes
ST-200-X	Amber	2.0ml	Conical	Screw Cap Tubes
ST-200-SS-X	Amber	2.0ml	Self Standing	Screw Cap Tubes

Packaging Description: 500 tubes/pack, 8 packs/case;
Maximum G-force: 20,000 RCF

‡ Individual Colors Available as Special Order Items.

Caps

Regular and Looped

Caps without 'O' rings



Caps without 'O' rings

Axygen Cat No	Colour	Description
SC-C	Clear	Non-Looped Screw Caps
SC-A	Assorted†	Non-Looped Screw Caps
SC-GR	Grey	Non-Looped Screw Caps
SC-W	White	Non-Looped Screw Caps
SC-P	Pink	Non-Looped Screw Caps
SC-R	Red	Non-Looped Screw Caps
SC-O	Orange	Non-Looped Screw Caps
SC-Y	Yellow	Non-Looped Screw Caps
SC-G	Green	Non-Looped Screw Caps
SC-B	Blue	Non-Looped Screw Caps
SC-V	Violet	Non-Looped Screw Caps
SC-BR	Brown	Non-Looped Screw Caps

Packaging Description: 500 tubes/pack, 8 packs/case; †50/bag, 10 bags/pack, 8 packs/case

Looped Caps without 'O' rings



Looped Caps without 'O' rings

Axygen Cat No	Colour	Description
SC-LP-C	Clear	Looped Screw Caps
SC-LP-A	Assorted†	Looped Screw Caps
SC-LP-GR	Grey	Looped Screw Caps
SC-LP-W	White	Looped Screw Caps
SC-LP-P	Pink	Looped Screw Caps
SC-LP-R	Red	Looped Screw Caps
SC-LP-O	Orange	Looped Screw Caps
SC-LP-Y	Yellow	Looped Screw Caps
SC-LP-G	Green	Looped Screw Caps
SC-LP-B	Blue	Looped Screw Caps
SC-LP-V	Violet	Looped Screw Caps
SC-LP-BR	Brown	Looped Screw Caps

Packaging Description: 500 tubes/pack, 8 packs/case; †50/bag, 10 bags/pack, 8 packs/case

Caps

Regular and Looped



Caps with 'O' rings

Caps with 'O' rings

Axygen Cat No	Colour	Description
SCO-C	Clear	Non-Looped Screw Caps with 'O' rings
SCO-A	Assorted†	Non-Looped Screw Caps with 'O' rings
SCO-GR	Grey	Non-Looped Screw Caps with 'O' rings
SCO-W	White	Non-Looped Screw Caps with 'O' rings
SCO-P	Pink	Non-Looped Screw Caps with 'O' rings
SCO-R	Red	Non-Looped Screw Caps with 'O' rings
SCO-O	Orange	Non-Looped Screw Caps with 'O' rings
SCO-Y	Yellow	Non-Looped Screw Caps with 'O' rings
SCO-G	Green	Non-Looped Screw Caps with 'O' rings
SCO-B	Blue	Non-Looped Screw Caps with 'O' rings
SCO-V	Violet	Non-Looped Screw Caps with 'O' rings
SCO-BR	Brown	Non-Looped Screw Caps with 'O' rings

Packaging Description: 500 tubes/pack, 8 packs/case; †50/bag, 10 bags/pack, 8 packs/case

Looped Caps with 'O' rings

Looped Caps with 'O' rings

Axygen Cat No	Colour	Description
SCO-LP-C	Clear	Looped Screw Caps with 'O' rings
SCO-LP-A	Assorted†	Looped Screw Caps with 'O' rings
SCO-LP-GR	Grey	Looped Screw Caps with 'O' rings
SCO-LP-W	White	Looped Screw Caps with 'O' rings
SCO-LP-P	Pink	Looped Screw Caps with 'O' rings
SCO-LP-R	Red	Looped Screw Caps with 'O' rings
SCO-LP-O	Orange	Looped Screw Caps with 'O' rings
SCO-LP-Y	Yellow	Looped Screw Caps with 'O' rings
SCO-LP-G	Green	Looped Screw Caps with 'O' rings
SCO-LP-B	Blue	Looped Screw Caps with 'O' rings
SCO-LP-V	Violet	Looped Screw Caps with 'O' rings
SCO-LP-BR	Brown	Looped Screw Caps with 'O' rings

Packaging Description: 500 tubes/pack, 8 packs/case; †50/bag, 10 bags/pack, 8 packs/case

Axy Racks

1.5ml and 2.0ml Microtube/Screw-cap tube Racks

80-well Axyracks



80-well Axyracks

Axygen Cat No	Colour	Product
R-80-AF	Assorted Fluorescent	80-well Rack
R-80-BF	Fluorescent Blue	80-well Rack
R-80-GF	Fluorescent Green	80-well Rack
R-80-OF	Fluorescent Orange	80-well Rack
R-80-RF	Fluorescent Red	80-well Rack
R-80-PF	Fluorescent Pink	80-well Rack
R-80-YF	Fluorescent Yellow	80-well Rack

Packaging Description: 25 racks/case

- Holds eighty 1.5/2.0ml micro and screw cap tubes
- Polypropylene; resistant to most lab chemicals and solvents
- Perfect for cryogenic storage of tubes
- Conical bottom wells allow superior stability of conical tubes
- Each well numbered for ease of sample identification
- Frosted side writing panel
- Available in a variety of fluorescent and non-fluorescent colours

50-well Axyracks



50-well Axyracks

Axygen Cat No	Colour	Description
R-50-BK	Black	50-well Rack
R-50-B	Blue	50-well Rack
R-50-G	Green	50-well Rack
R-50-R	Red	50-well Rack
R-50-Y	Yellow	50-well Rack
R-50-A	Assorted	50-well Rack

Packaging Description: 10 racks/pack; 10 packs/case

- Holds fifty 2.0/1.5ml micro and screw cap tubes
- polycarbonate; resistant to most lab chemicals and solvents
- Perfect for cryogenic storage to -80°C and below
- Alpha-numeric grid for easy sample identification

81-well Axyracks



81-well Axyracks

Axygen Cat No	Colour	Description
R-81-G-PC	Green	81-well Rack
R-81-R-PC	Red	81-well Rack
R-81-Y-PC	Yellow	81-well Rack

Packaging Description: 10 racks/pack; 10 packs/case

- Holds eighty-one 2.0/1.5ml micro and screw cap tubes
- Polycarbonate; resistant to most chemical and organic solvents
- Perfect for cryogenic storage to -80°C and below

48-place aluminium Axyracks



48-place aluminium Axyracks

Axygen Cat No	Colour	Description
RA-48	Metallic	Anodized Aluminum Rack

Packaging Description: 4 racks/pack; 4 packs/case

- Holds 48 screw cap tubes of all sizes
- Long lasting aluminum construction
- Unique ribbed-port design allows one-hand operation
- Non-skid benchtop pads for a firm platform
- Center support for added strength and stability

Axyracks, caps and closures

4-sided Tube Rack



4-sided Tube Rack

Axygen Cat No	Colour	Product
R-480-A	Assorted	80 Well 4 Sided Tube Rack

Packaging Description: 5 racks/pack; 4 packs/case

- Holds up to 4x 50ml, 16x 15ml, 13x100 or 12x75, 32x 2.0ml or 1.5ml, and 32x 0.5ml Tubes.
- Assorted pack of Pink, Orange, Yellow, Blue, and Green
- Racks that can be positioned on 4-different sides and interlocked to help manage tubes in your lab.

AxyCap



AxyCap

Axygen Cat No	Colour	Description	Packaging
AC-PE-C	Clear	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-BK	Black	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-B	Blue	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-GR	Grey	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-G	Green	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-L	Lavender	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-R	Red	AxyCap 10-16mm	1000/pack, 10 packs/case
AC-PE-Y	Yellow	AxyCap 10-16mm	1000/pack, 10 packs/case

Uniquely molded, pliable cap designed to fit standard 10mm, 12mm, 13mm and 16mm glass and plastic test tubes. The AxyCap will seal either over the rim on smaller tubes or into the tube on 16mm tubes.

AxySaver



AxyCap

Axygen Cat No	Colour	Description	Packaging
AS-13MM-R	Red	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-G	Green	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-L	Lavender	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-BK	Black	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-B	Blue	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-GR	Grey	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-Y	Yellow	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-13MM-W	White	AxySaver Closure 12/13mm	1000/pack, 10 packs/case
AS-16MM-R	Red	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-G	Green	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-L	Lavender	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-BK	Black	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-B	Blue	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-GR	Grey	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-Y	Yellow	AxySaver Closure 16mm	1000/pack, 10 packs/case
AS-16MM-W	White	AxySaver Closure 16mm	1000/pack, 10 packs/case

The Axygen AxySaver Closure is a soft, pliable secondary closure for use with most 12/13mm and 16mm glass and plastic test tubes. The unique blend of plastic used in these caps is piercable and allows for direct tube sampling.

Since our inception in 1993, Axygen Scientific has grown and developed into a worldwide leader in the development and manufacturing of quality products for the research community.

We continue to set ourselves apart from the rest of the industry by our commitment to doing things the right way, with the right people, the right materials, on-time, every time.

Using only the finest machine tools and molds, coupled with the most skillful toolmakers around, we produce the highest quality precision injection molded plastics available today.

Every year we release an average of 10 to 20 new products – each purpose built and forward-thinking. Through new product innovations we bring new standards to sample handling, delivery, and storage; improving the way research is done. Some examples of this year’s innovations are pictured below and throughout this catalog.

Axygen is committed to the complete satisfaction of each and every customer. Whether you are meeting us for the first time, or making a return visit, we welcome the opportunity to serve you.



Introducing an expanded selection of disposable tips for automation with Tecan Robotic Systems

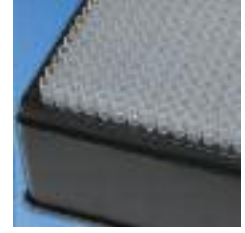
High Throughput Screening



Tecan Robotic Tips
Liquid Level Sensing



Velocity 11
Unique ultra-low volume 5uL tip for optimal precision



FX-1536
Critical dimensions for critical applications



Tecan EVO
Tips for the Evolution platforms



RoboRACK
for PerkinElmer Janus robotic platforms

Ultra Smooth Surfaces – Maxymum Recovery®

Robotic Tips

With unsurpassed consistency and performance to fit most liquid handling systems.

Utilising a unique manufacturing process, Axygen Scientific has developed an innovative series of pipette tips, filter tips, PCR products and microcentrifuge tubes that feature ultra smooth surfaces.

- ▶ Exclusive molding technology
- ▶ Reduce sample loss
- ▶ Save costly reagents
- ▶ Maximize accuracy and precision

Surface comparison of polypropylene materials

These images show a visual comparison of the Axygen Maxymum Recovery® pipette tip internal surface compared to the surface of both standard polypropylene pipette tips and siliconized pipette tips. The photographs below were taken of the internal surface of sections cut from three styles of pipette tips, via SEM/EDS. Magnification levels ranged from 50x to 5,000x.



Axygen MAXYmUM Recovery® Pipette Tips



Figures 1a (50x), 1b (500x) and 1c (5000x) are images of the Axygen Maxymum Recovery® surface. Even at the highest magnification level, the ultra-smooth surface is visibly free of occlusions and cavities which can cause sample retention and sample denaturation in standard polypropylene.

Conventional Pipette Tips

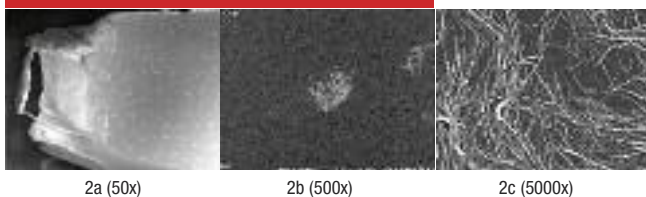


Figure 2a (50x), 2b (500x) and 2c (5000x) are images of the internal surface of a standard polypropylene pipette tip. Occlusions and cavities can be seen on the wall surface. At highest magnification, surface strands which cause samples to 'stick', are clearly visible.

Siliconized Pipette Tips

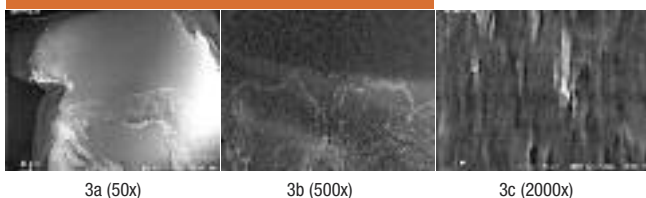


Figure 3a (50x), 3b (500x) and 3c (2000x) are images of a siliconized pipette tip. Here again, notice the lack of smoothness of the walls created by an inconsistent and uneven flow of silicone upon the surface. Sample retention occurs even with siliconized pipette tips.

High Throughput Screening



Beckman Coulter – Compatible Tips

Tips Compatible with BECKMAN COULTER® BIOMEK® FX, BIOMEK® NX & MULTIMEK™



Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-1536-30FP-R	Non-Filtered	27µl	✓	AP-384	Non-Sterile
FX-1536-30FP-R-S	Non-Filtered	27µl	✓	AP-384	Sterile
FX-384-XL-R	Non-Filtered	50µl	✓	AP-384	Non-Sterile
FX-384-XL-R-S	Non-Filtered	50µl	✓	AP-384	Sterile
FXF-384-XL-R-S	Filtered	30µl	✓	AP-384	Sterile
FX-384-R	Non-Filtered	30µl	✓	AP-384	Non-Sterile
FX-384-R-S	Non-Filtered	30µl	✓	AP-384	Sterile
FXF-384-R-S	Filtered	25µl	✓	AP-384	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case

Maxym Recovery®

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-L-R	Non-Filtered	50µl	✓	AP-384	Non-Sterile
FX-384-XL-L-R-S	Non-Filtered	50µl	✓	AP-384	Sterile
FXF-384-XL-L-R-S	Filtered	30µl	✓	AP-384	Sterile
FX-384-L-R	Non-Filtered	30µl	✓	AP-384	Non-Sterile
FX-384-L-R-S	Non-Filtered	30µl	✓	AP-384	Sterile
FXF-384-L-R-S	Filtered	25µl	✓	AP-384	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case



FX-1536-30FP-R & FX-1536-30FP-R-S



FX-384-XL-R, FX-384-XL-R-S & FXF-384-XL-R-S



FX-384-R, FX-384-R-S & FXF-384-R-S



FX-384-XL-L-R, FX-384-XL-L-R-S & FXF-384-XL-L-R-S



FX-384-L-R, FX-384-L-R-S & FXF-384-L-R-S

Format:

384-Tip Format

TIP Volume Range Selection:

25µl - 50µl

Material:

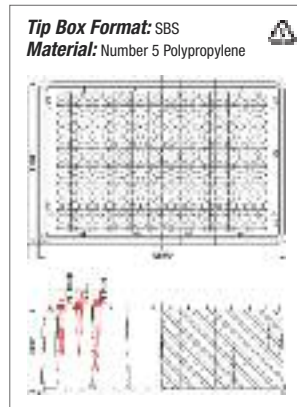
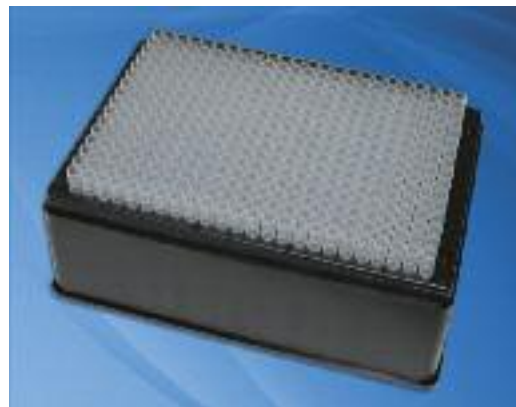
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile
- Standard or Maxym Recovery®

Certified:

DNase-Free, RNAse-Free, Pyrogen-Safe



Tip Box Format: SBS

Material: Number 5 Polypropylene





Beckman Coulter – Compatible Tips

Tips Compatible with BECKMAN COULTER® BIOMEK® FX, BIOMEK® NX, BIOMEK® 3000 & MULTIMEK™

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-10-R	Non-Filtered	20µl	✓	AP-96, SPAN-8, MP20	Non-Sterile
FX-10-R-S	Non-Filtered	20µl	✓	AP-96, SPAN-8, MP20	Sterile
FXF-10-R-S	Filtered	5µl	✓	AP-96, SPAN-8, MP20	Sterile
FX-20-R	Non-Filtered	100µl	✓	AP-96, SPAN-8, MP20	Non-Sterile
FX-20-R-S	Non-Filtered	100µl	✓	AP-96, SPAN-8, MP20	Sterile
FXF-20-R-S	Filtered	20µl	✓	AP-96, SPAN-8, MP20	Sterile
FX-50-R	Non-Filtered	50µl	✓	AP-96, SPAN-8, MP20, MP200	Non-Sterile
FX-50-R-S	Non-Filtered	50µl	✓	AP-96, SPAN-8, MP20, MP200	Sterile
FXF-50-R-S	Filtered	30µl	✓	AP-96, SPAN-8, MP20, MP200	Sterile
FX-250-R	Non-Filtered	250µl	✓	AP-96, SPAN-8, MP200	Non-Sterile
FX-250-R-S	Non-Filtered	250µl	✓	AP-96, SPAN-8, MP200	Sterile
FXF-180-R-S	Filtered	165µl	✓	AP-96, SPAN-8, MP200	Sterile
FX-255-WB-R	Wide Bore, Non-Filtered	250µl	✓	AP-96, SPAN-8, MP200	Non-Sterile
FX-255-WB-R-S	Wide Bore, Non-Filtered	250µl	✓	AP-96, SPAN-8, MP200	Sterile
FXF-165-WB-R-S	Wide Bore, Filtered	165µl	✓	AP-96, SPAN-8, MP200	Sterile
FXF-200-R-S	Filtered	200µl	✓	AP-96, SPAN-8, MP200	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Maxym Recovery®

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-20-L-R	Non-Filtered	100µl	✓	AP-96, SPAN-8, MP20	Non-Sterile
FX-20-L-R-S	Non-Filtered	100µl	✓	AP-96, SPAN-8, MP20	Sterile
FXF-20-L-R-S	Filtered	20µl	✓	AP-96, SPAN-8, MP20	Sterile
FX-50-L-R	Non-Filtered	50µl	✓	AP-96, SPAN-8, MP20, MP200	Non-Sterile
FX-50-L-R-S	Non-Filtered	50µl	✓	AP-96, SPAN-8, MP20, MP200	Sterile
FXF-50-L-R-S	Filtered	30µl	✓	AP-96, SPAN-8, MP20, MP200	Sterile
FX-250-L-R	Non-Filtered	250µl	✓	AP-96, SPAN-8, MP200	Non-Sterile
FX-250-L-R-S	Non-Filtered	250µl	✓	AP-96, SPAN-8, MP200	Sterile
FXF-180-L-R-S	Filtered	165µl	✓	AP-96, SPAN-8, MP200	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Also compatible with Span 8 head when the liquid level sensory function is turned off



FX-10-R & FX-10-R-S



FXF-10-R-S



FX-20-R & FX-20-R-S



FXF-20-R-S

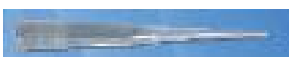


FX-50-R & FX-50-R-S

New



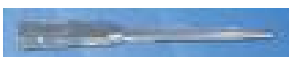
FXF-50-R-S



FX-250-R & FX-250-R-S



FXF-180-R-S



FX-255-WB-R & FX-255-WB-R-S



FXF-165-WB-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

5µl - 250µl

Material:

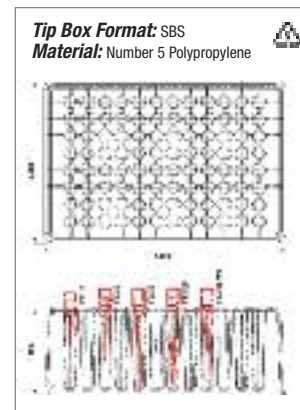
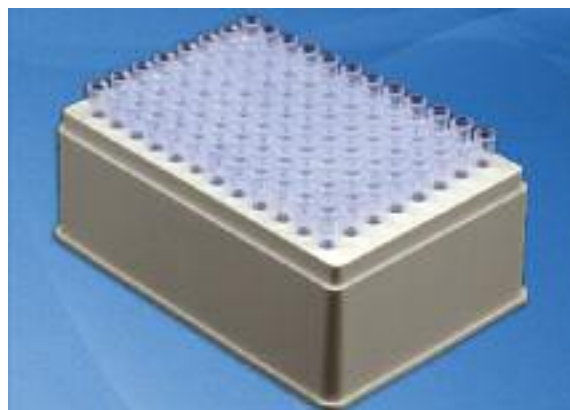
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile
- Standard or Maxym Recovery®

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe





Beckman Coulter – Compatible Tips

Tips Compatible with **BECKMAN COULTER® BIOMEK® FX & BIOMEK® NX** with **SPAN-8 liquid level sensing head**



SPN-20-CBK-R & SPN-20-CBK-R-S



SPNF-20-CBK-R-S



SPN-50-CBK-R & SPN-50-CBK-R-S




SPNF-30-CBK-R-S



SPN-250-CBK-R & SPN-250-CBK-R-S



SPNF-180-CBK-R-S

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
SPN-20-CBK-R	Conductive, Non-Filtered	100µl	✓	SPAN-8	Non-Sterile
SPN-20-CBK-R-S	Conductive, Non-Filtered	100µl	✓	SPAN-8	Sterile
SPNF-20-CBK-R-S	Conductive, Filtered	20µl	✓	SPAN-8	Sterile
SPN-50-CBK-R	Conductive, Non-Filtered	50µl	✓	SPAN-8	Non-Sterile
SPN-50-CBK-R-S	Conductive, Non-Filtered	50µl	✓	SPAN-8	Sterile
SPNF-30-CBK-R-S	Conductive, Filtered	30µl	✓	SPAN-8	Sterile
SPN-250-CBK-R	Conductive, Non-Filtered	250µl	✓	SPAN-8	Non-Sterile
SPN-250-CBK-R-S	Conductive, Non-Filtered	250µl	✓	SPAN-8	Sterile
SPNF-180-CBK-R-S	Conductive, Filtered	165µl	✓	SPAN-8	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Format:
96-Tip Format

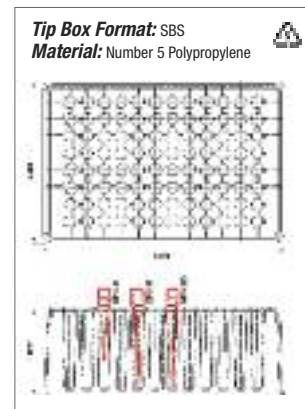
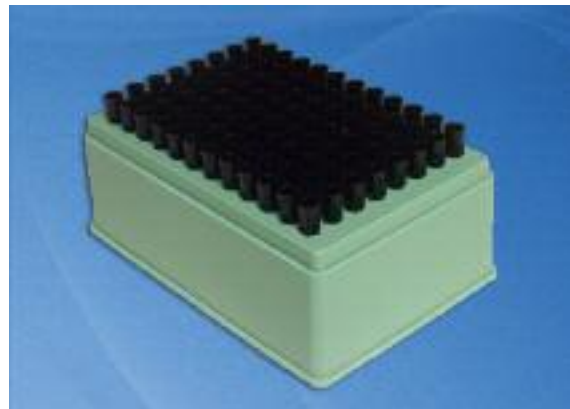
TIP Volume Range Selection:
20µl - 250µl

Material:
Conductive LLS Black Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:
DNase-Free, RNase-Free, Pyrogen-Safe



High Throughput Screening



BT-20-R-S



BT-50-R & BT-50-R-S



BT-50-R-S



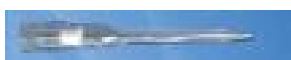
BT-250-R & BT-250-R-S



BT-180-R-S



BT-255-WB-R & BT-255-WB-R-S



BT-165-WB-R-S



BT-1000-R



BT-1000-R-S

Format:
96-Tip Format
(1ml size are 72 tips/rack)

TIP Volume Range Selection:
20µl - 1000µl

Material:
Clear Polypropylene

- Available Options:**
- With or Without Aerosol-Resistant Filters
 - Non-Sterile or Sterile
 - Standard or Maxymum Recovery®

Certified:
DNAse-Free, RNAse-Free, Pyrogen-Safe

Beckman Coulter – Compatible Tips

Tips Compatible with BECKMAN COULTER® BIOMEK® 1000 & BIOMEK® 2000

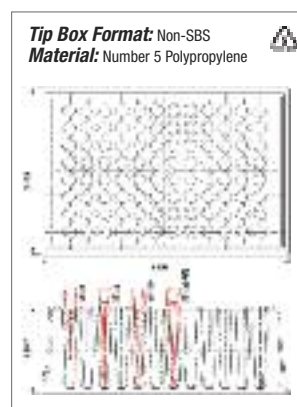
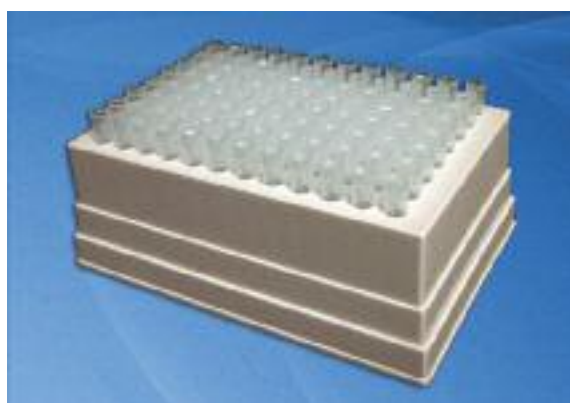
Axygen Cat No.	Type	Max Volume	Compatible Head	Packaging
BT-20-R	Non-Filtered	100µl	P20, MP20, P200, MP200	Non-Sterile
BT-20-R-S	Non-Filtered	100µl	P20, MP20, P200, MP200	Sterile
BTF-20-R-S	Filtered	20µl	P20, MP20, P200, MP200	Sterile
BT-50-R	Non-Filtered	50µl	P20, MP20, P200, MP200	Non-Sterile
BT-50-R-S	Non-Filtered	50µl	P20, MP20, P200, MP200	Sterile
BTF-50-R-S	Filtered	30µl	P20, MP20, P200, MP200	Sterile
BT-250-R	Non-Filtered	250µl	P200, MP200	Non-Sterile
BT-250-R-S	Non-Filtered	250µl	P200, MP200	Sterile
BTF-180-R-S	Filtered	165µl	P200, MP200	Sterile
BT-255-WB-R	Wide-Bore, Non-Filtered	250µl	P200, MP200	Non-Sterile
BT-255-WB-R-S	Wide-Bore, Non-Filtered	250µl	P200, MP200	Sterile
BTF-165-WB-R-S	Wide-Bore, Filtered	165µl	P200, MP200	Sterile
BT-1000-R*	Non-Filtered	1000µl	P1000	Non-Sterile
BTF-1000-R-S*	Filtered	1000µl	P1000	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case
* Quantity = 72 tips/pack, 5 racks/case

Maxymum Recovery®

Axygen Cat No.	Type	Max Volume	Compatible Head	Packaging
BT-20-L-R	Non-Filtered	100µl	P20, MP20, P200, MP200	Non-Sterile
BT-20-L-R-S	Non-Filtered	100µl	P20, MP20, P200, MP200	Sterile
BTF-20-L-R-S	Filtered	20µl	P20, MP20, P200, MP200	Sterile
BT-50-L-R	Non-Filtered	50µl	P20, MP20, P200, MP200	Non-Sterile
BT-50-L-R-S	Non-Filtered	50µl	P20, MP20, P200, MP200	Sterile
BTF-50-L-R-S	Filtered	30µl	P20, MP20, P200, MP200	Sterile
BT-250-L-R	Non-Filtered	250µl	P200, MP200	Non-Sterile
BT-250-L-R-S	Non-Filtered	250µl	P200, MP200	Sterile
BTF-180-L-R-S	Filtered	165µl	P200, MP200	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



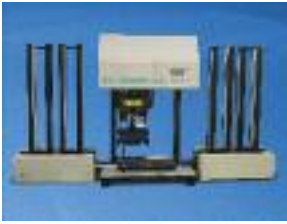


Beckman Coulter – Compatible Tips

Tips Compatible with BECKMAN COULTER® MULTIMEK™ & SAGIAN MULTIPETTE

Oxygen Cat No.	Type	Max Volume	Compatible Head	Packaging
MT-200-R	Non-Filtered	200µl	CCS P50	Non-Sterile
MT-200-R-S	Non-Filtered	200µl	CCS P50	Sterile
MTF-200-R-S	Filtered	180µl	CCS P200	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



MT-200-R & MT-200-R-S



MTF-200-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

180µl - 200µl

Material:

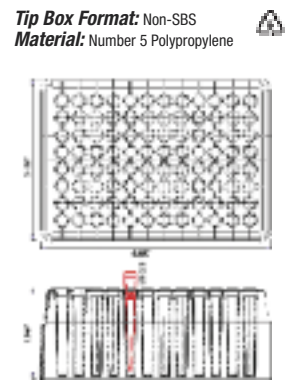
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile
- Standard or Maxymum Recovery®

Certified:

DNase-Free, RNAse-Free, Pyrogen-Safe




High Throughput Screening



Velocity11 – Compatible Tips


Tips Compatible with AGILENT/VELOCITY11® VPREP® and BRAVO

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
VT-20-R	Non-Filtered	60µl	✓	96LT & 8LT	Non-Sterile
VT-20-R-S	Non-Filtered	60µl	✓	96LT & 8LT	Sterile
VT-20-R-LAB*	Non-Filtered	60µl	✓	96LT & 8LT	Non-Sterile
VTF-20-R-S	Filtered	20µl	✓	96LT & 8LT	Sterile
VT-20-R-LAB-S*	Non-Filtered	20µl	✓	96LT & 8LT	Sterile
VT-50-R-LAB*	Non-Filtered	50µl	✓	96LT & 8LT	Non-Sterile
VT-50-R-LAB-S*	Non-Filtered	50µl	✓	96LT & 8LT	Sterile
VTF-30-R-LAB-S*	Filtered	30µl	✓	96LT & 8LT	Sterile
VT-250-R	Non-Filtered	250µl	✓	96LT & 8LT	Non-Sterile
VT-250-R-S	Non-Filtered	250µl	✓	96LT & 8LT	Sterile
VT-250-R-LAB*	Non-Filtered	250µl	✓	96LT & 8LT	Non-Sterile
VT-250-R-LAB-S*	Non-Filtered	250µl	✓	96LT & 8LT	Sterile
VTF-165-R-S	Filtered	165µl	✓	96LT & 8LT	Sterile
VTF-165-R-LAB-S*	Filtered	165µl	✓	96LT & 8LT	Sterile
VT-255-WB-R-S	Wide-Bore, Non-Filtered	250µl	✓	96LT & 8LT	Sterile
VTF-165-WB-R-S	Wide-Bore, Filtered	165µl	✓	96LT & 8LT	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

*Tip box base sealed for best performance in automated up-and-down stacking.

Maxym Recovery®

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
VT-250-L-R	Non-Filtered	250µl	✓	96LT & 8LT	Non-Sterile
VT-250-L-R-LAB*	Non-Filtered	250µl	✓	96LT & 8LT	Non-Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

VT-20-R, VT-20-R-S, VT-20-R-LAB & VT-20-R-LAB-S



VTF-20-R-S



VT-50-R-LAB & VT-50-R-LAB-S



VTF-30-R-LAB-S



VT-250-R, VT-250-R-S, VT-250-R-LAB & VT-250-R-LAB-S



VTF-165-R-S & VTF-165-R-LAB-S



VT-255-WB-R-S



VTF-165-WB-R-S

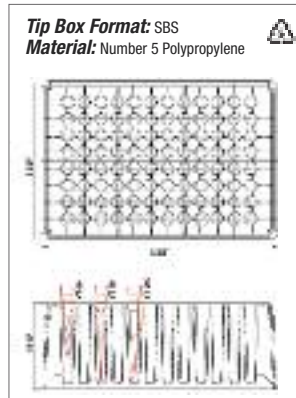
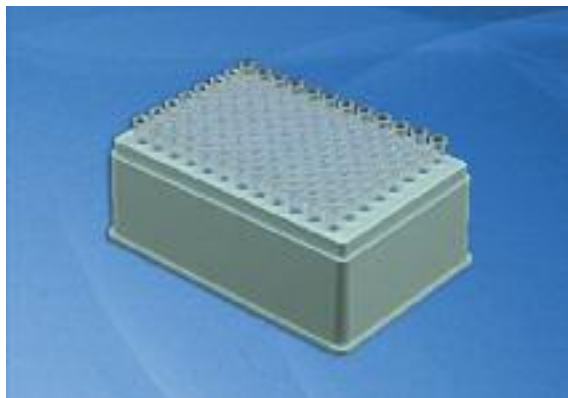
Format:
96-Tip Format

TIP Volume Range Selection:
20µl - 250µl

Material:
Clear Polypropylene

- Available Options:**
- With or Without Aerosol-Resistant Filters
 - Non-Sterile or Sterile


Certified:
DNase-Free, RNase-Free, Pyrogen-Safe





New Velocity11 – Compatible Tips

Tips Compatible with AGILENT/VELOCITY11® VPREP® and BRAVO

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
VT-384-5UL-R	Non-Filtered	5µl	✓	384ST, 96ST & 16ST	Non-Sterile
VT-384-5UL-R-S	Non-Filtered	5µl	✓	384ST, 96ST & 16ST	Sterile
VT-384-10UL-R	Non-Filtered	10µl	✓	384ST, 96ST & 16ST	Non-Sterile
VT-384-10UL-R-S	Non-Filtered	10µl	✓	384ST, 96ST & 16ST	Sterile
VT-384-31UL-R	Non-Filtered	30µl	✓	384ST, 96ST & 16ST	Non-Sterile
VT-384-31UL-R-S	Non-Filtered	30µl	✓	384ST, 96ST & 16ST	Sterile
VTF-384-15UL-R-S	Filtered	15µl	✓	384ST, 96ST & 16ST	Sterile
VTF-384-70UL-R	Non-Filtered	70µl	✓	384ST, 96ST & 16ST	Non-Sterile
VTF-384-70UL-R-S	Non-Filtered	70µl	✓	384ST, 96ST & 16ST	Sterile
VTF-384-50UL-R-S	Filtered	50µl	✓	384ST, 96ST & 16ST	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case



VT-384-5UL-R & VT-384-5UL-R-S



VT-384-10UL-R & VT-384-10UL-R-S



VT-384-31UL-R & VT-384-31UL-R-S



VTF-384-15UL-R-S



VTF-384-70UL-R & VTF-384-70UL-R-S



VTF-384-50UL-R-S

Format:
384-Tip Format

TIP Volume Range Selection:
5µl - 70µl

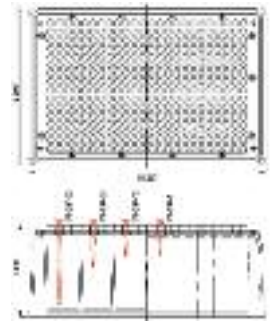
Material:
Clear Polypropylene

- Available Options:**
- With or Without Aerosol-Resistant Filters
 - Non-Sterile or Sterile

Certified:
DNAse-Free, RNAse-Free, Pyrogen-Safe



Tip Box Format: SBS
Material: Number 5 Polypropylene 




Tip Box Material:
Conductive polypropylene for static dissipation




TECAN – Compatible Tips

Tips Compatible with **TECAN® GENESIS FREEDOM®, FREEDOM Evo® & MINIPREP with LiHa**

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-20-C-HTR	Non-Filtered	20µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-20-C-HTR-S	Non-Filtered	20µl	✓	LiHa-1, -4 & -8	Sterile
TTF-20-C-HTR-S	Filtered	10µl	✓	LiHa-1, -4 & -8	Sterile
TT-50-C-HTR	Non-Filtered	50µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-50-C-HTR-S	Non-Filtered	50µl	✓	LiHa-1, -4 & -8	Sterile
TTF-50-C-HTR-S	Filtered	25µl	✓	LiHa-1, -4 & -8	Sterile
TT-200-C-HTR	Non-Filtered	200µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-200-C-HTR-S	Non-Filtered	200µl	✓	LiHa-1, -4 & -8	Sterile
TTF-200-C-HTR-S	Filtered	175µl	✓	LiHa-1, -4 & -8	Sterile

Packaging Description: Quantity = 96 tips/rack, 24 racks/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-1000-C-HTR	Non-Filtered	1000µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-1000-C-HTR-S	Non-Filtered	1000µl	✓	LiHa-1, -4 & -8	Sterile
TTF-1000-C-HTR-S	Filtered	1000µl	✓	LiHa-1, -4 & -8	Sterile

Packaging Description: Quantity = 96 tips/rack, 16 racks/case



TT-20-C-HTR & TT-20-C-HTR-S



TTF-20-C-HTR-S



TT-50-C-HTR & TT-50-C-HTR-S



TTF-50-C-HTR-S



TT-200-C-HTR & TT-200-C-HTR-S



TTF-200-C-HTR-S



TT-1000-C-HTR & TT-1000-C-HTR-S



TTF-1000-C-HTR-S

Format:

96-Tip Format

TIP Volume Range Selection:

10µl - 1000µl

Material:

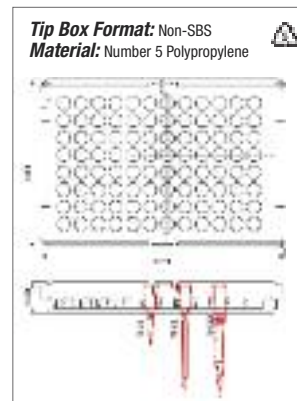
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNAse-Free, Pyrogen-Safe





Tecan – Compatible Tips

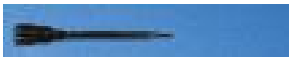
Tips Compatible with **TECAN® GENESIS FREEDOM®, FREEDOM Evo® & MINIPREP with LiHa**



TT-20-CBK-HTR & TT-20-CBK-HTR-36



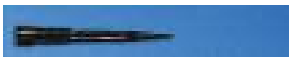
TTF-20-CBK-HTR-S



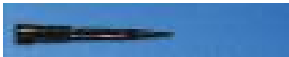
TT-50-CBK-HTR & TT-50-CBK-HTR-S



TTF-50-CBK-HTR-S



TT-200-CBK-HTR & TT-200-CBK-HTR-S



TTF-200-CBK-HTR-S



TT-1000-CBK-HTR



TT-1000-CBK-HTR-S

Format:

96-Tip Format

TIP Volume Range Selection:

10µl - 1000µl

Material:


Conductive LLS Black Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:


DNase-Free, RNase-Free, Pyrogen-Safe

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-20-CBK-HTR	Conductive, Non-Filtered	20µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-20-CBK-HTR-36*	Conductive, Non-Filtered	20µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-20-CBK-HTR-S	Conductive, Non-Filtered	20µl	✓	LiHa-1, -4 & -8	Sterile
TTF-20-CBK-HTR-S	Conductive, Filtered	10µl	✓	LiHa-1, -4 & -8	Sterile
TT-50-CBK-HTR	Conductive, Non-Filtered	50µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-50-CBK-HTR-36*	Conductive, Non-Filtered	50µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-50-CBK-HTR-S	Conductive, Non-Filtered	50µl	✓	LiHa-1, -4 & -8	Sterile
TTF-50-CBK-HTR-S	Conductive, Filtered	25µl	✓	LiHa-1, -4 & -8	Sterile
TT-200-CBK-HTR	Conductive, Non-Filtered	200µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-200-CBK-HTR-36*	Conductive, Non-Filtered	200µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-200-CBK-HTR-S	Conductive, Non-Filtered	200µl	✓	LiHa-1, -4 & -8	Sterile
TTF-200-CBK-HTR-S	Conductive, Filtered	175µl	✓	LiHa-1, -4 & -8	Sterile

Packaging Description:

Quantity = 96 tips/rack, 24 racks/case

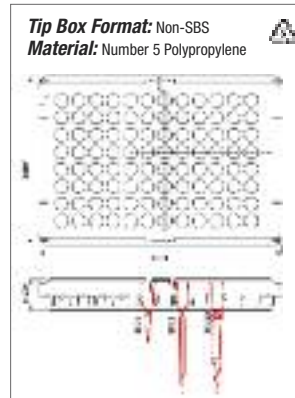
*Quantity = 96 tips/wafer, 72 wafers/case. Denotes economy cardboard wrap

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-1000-CBK-HTR	Conductive, Non-Filtered	1000µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-1000-CBK-HTR-24**	Conductive, Non-Filtered	1000µl	✓	LiHa-1, -4 & -8	Non-Sterile
TT-1000-CBK-HTR-S	Conductive, Non-Filtered	1000µl	✓	LiHa-1, -4 & -8	Sterile
TTF-1000-CBK-HTR-S	Conductive, Filtered	1000µl	✓	LiHa-1, -4 & -8	Sterile

Packaging Description:

Quantity = 96 tips/rack, 16 racks/case

**Quantity = 96 tips/wafer, 48 wafers/case. Denotes economy cardboard wrap




*convenient blister-pack packaging



TECAN – Compatible Tips

Tips Compatible with **TECAN® GENESIS FREEDOM®, FREEDOM Evo® & MINIPREP with LiHA**

For use on SBS Plate footprint deck carriers.

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
EV-50-R	Non-Filtered	50µl	✓	MCA96	Non-Sterile
EV-50-R-S	Non-Filtered	50µl	✓	MCA96	Sterile
EVF-50-R-S	Filtered	50µl	✓	MCA96	Sterile
EV-100-R	Non-Filtered	100µl	✓	MCA96	Non-Sterile
EV-100-R-S	Non-Filtered	100µl	✓	MCA96	Sterile
EVF-100-R-S	Filtered	80µl	✓	MCA96	Sterile
EV-200-R	Non-Filtered	200µl	✓	MCA96	Non-Sterile
EV-200-R-S	Non-Filtered	200µl	✓	MCA96	Sterile
EVF-180-R-S	Filtered	180µl	✓	MCA96	Sterile
EV-205-WB-R	Wide-Bore, Non-Filtered	200µl	✓	MCA96	Non-Sterile
EV-205-WB-R-S	Wide-Bore, Non-Filtered	200µl	✓	MCA96	Sterile
EVF-205-WB-R-S	Wide-Bore, Filtered	180µl	✓	MCA96	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/packs, 5 packs/case



EV-50-R & EV-50-R-S



EVF-50-R-S



EV-100-R & EV-100-R-S



EVF-100-R-S



EV-200-R & EV-200-R-S



EVF-180-R-S



EV-205-WB-R & EV-205-WB-R-S



EVF-205-WB-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

50µl - 200µl

Material:

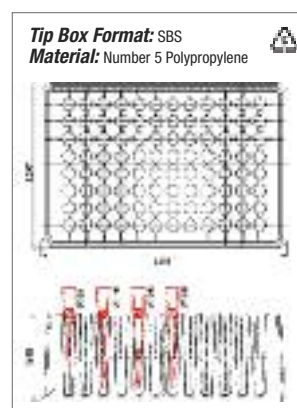
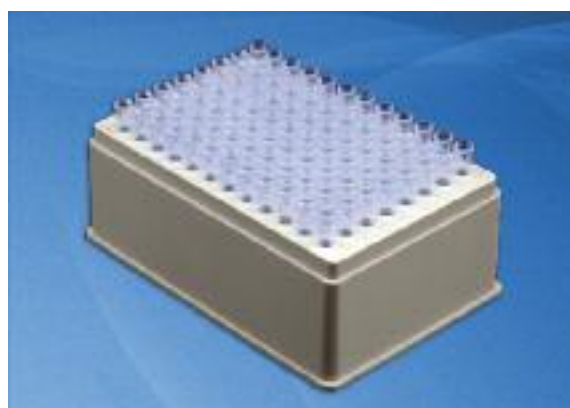
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe





TECAN – Compatible Tips

Tips Compatible with **TECAN® FREEDOM Evo® TEMo & AQUARIUS**

Oxygen Cat No.	Type	Max Volume	Compatible Head	Packaging
ZT-50-R	Non-Filtered	50µl	MCA96, TEM096	Non-Sterile
ZT-50-R-S	Non-Filtered	50µl	MCA96, TEM096	Sterile
ZTF-50-R-S	Filtered	50µl	MCA96, TEM096	Sterile
ZT-100-R	Non-Filtered	100µl	MCA96, TEM096	Non-Sterile
ZT-100-R-S	Non-Filtered	100µl	MCA96, TEM096	Sterile
ZTF-100-R-S	Filtered	80µl	MCA96, TEM096	Sterile
ZT-200-R	Non-Filtered	200µl	MCA96, TEM096	Non-Sterile
ZT-200-R-S	Non-Filtered	200µl	MCA96, TEM096	Sterile
ZTF-200-R-S	Filtered	180µl	MCA96, TEM096	Sterile
ZT-205-WB-R	Wide-Bore, Non-Filtered	200µl	MCA96, TEM096	Non-Sterile
ZT-205-WB-R-S	Wide-Bore, Non-Filtered	200µl	MCA96, TEM096	Sterile
ZTF-205-WB-R-S	Wide-Bore, Filtered	180µl	MCA96, TEM096	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Maxymum Recovery®

Oxygen Cat No.	Type	Max Volume	Compatible Head	Packaging
ZT-50-L-R	Non-Filtered	50µl	MCA96, TEM096	Non-Sterile
ZT-50-L-R-S	Non-Filtered	50µl	MCA96, TEM096	Sterile
ZTF-50-L-R-S	Filtered	50µl	MCA96, TEM096	Sterile
ZT-100-L-R	Non-Filtered	100µl	MCA96, TEM096	Non-Sterile
ZT-100-L-R-S	Non-Filtered	100µl	MCA96, TEM096	Sterile
ZTF-100-L-R-S	Filtered	80µl	MCA96, TEM096	Sterile
ZT-200-L-R	Non-Filtered	200µl	MCA96, TEM096	Non-Sterile
ZT-200-L-R-S	Non-Filtered	200µl	MCA96, TEM096	Sterile
ZTF-200-L-R-S	Filtered	180µl	MCA96, TEM096	Sterile
ZT-205-WB-L-R	Wide-Bore, Non-Filtered	200µl	MCA96, TEM096	Non-Sterile
ZT-205-WB-L-R-S	Wide-Bore, Non-Filtered	200µl	MCA96, TEM096	Sterile
ZTF-205-WB-L-R-S	Wide-Bore, Filtered	180µl	MCA96, TEM096	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



ZT-50-R & ZT-50-R-S



ZTF-50-R-S



ZT-100-R & ZT-100-R-S



ZTF-100-R-S



ZT-200-R & ZT-200-R-S



ZTF-200-R-S



ZT-205-WB-R & ZT-205-WB-R-S



ZTF-205-WB-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

50µl - 200µl

Material:

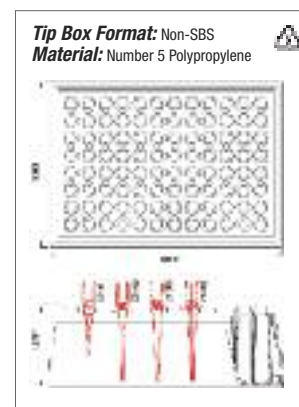
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe



Tip Box Format: Non-SBS
Material: Number 5 Polypropylene



TT-50-C-HTR & TT-50-C-HTR-S



TTF-50-C-HTR-S



TT-200-C-HTR & TT-200-C-HTR-S



TTF-200-C-HTR-S



TT-50-CBK-HTR & TT-50-CBK-HTR-S



TTF-50-CBK-HTR-S



TT-200-CBK-HTR & TT-200-CBK-HTR-S



TTF-200-CBK-HTR-S



CTF-199-R-S


Corbett – Compatible Tips

Tips Compatible with CORBETT CAS-1200™ with LLT and X-TRACTOR GENE

Tips for CAS systems are compatible with Qiagen® QIAgility™. Tips for X-TRACTOR GENE systems are compatible with Qiagen OnCor.

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-50-C-HTR	Non-Filtered	50µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Non-Sterile
TT-50-C-HTR-S	Non-Filtered	50µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TTF-50-C-HTR-S	Filtered	25µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TT-200-C-HTR	Non-Filtered	200µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Non-Sterile
TT-200-C-HTR-S	Non-Filtered	200µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TTF-200-C-HTR-S	Filtered	175µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TT-50-CBK-HTR	Conductive, Non-Filtered	50µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Non-Sterile
TT-50-CBK-HTR-S	Conductive, Non-Filtered	50µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TTF-50-CBK-HTR-S	Conductive, Filtered	25µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TT-200-CBK-HTR	Conductive, Non-Filtered	200µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Non-Sterile
TT-200-CBK-HTR-S	Conductive, Non-Filtered	200µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile
TTF-200-CBK-HTR-S	Conductive, Filtered	175µl	✓	CAS-1200-Single-Channel-20-150µl/sec	Sterile

Packaging Description: Quantity = 96 tips/rack, 24 racks/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
CTF-199-R-S	Filtered	200µl	✓	X-tractor Gene 8-Channel	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/packs, 5 packs/case

Format:

96-Tip Format

TIP Volume Range Selection:

25µl - 200µl

Material:

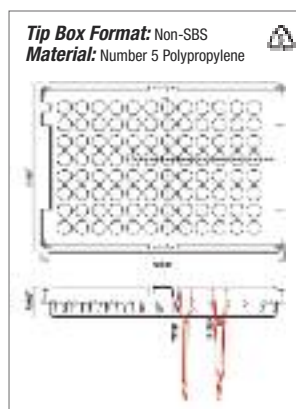
- Clear Polypropylene
- Conductive LLS Black Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe





PerkinElmer – Compatible Tips

Tips Compatible with PERKINELMER® JANUS®, EVOLUTION P³, MINI TRAK & PLATE TRAK®

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
PK-20-R	Non-Filtered	20µl	✓	MDT-96 P50	Non-Sterile
PK-20-R-S	Non-Filtered	20µl	✓	MDT-96 P50	Sterile
PKF-20-R-S	Filtered	20µl	✓	MDT-96 P50	Sterile
PK-50-R	Non-Filtered	50µl	✓	MDT-96 P50	Non-Sterile
PK-50-R-S	Non-Filtered	50µl	✓	MDT-96 P50	Sterile
PKF-30-R-S	Filtered	30µl	✓	MDT-96 P50	Sterile
PK-200-R	Non-Filtered	235µl	✓	MDT-96 P235	Non-Sterile
PK-200-R-S	Non-Filtered	235µl	✓	MDT-96 P235	Sterile
PKF-180-R	Filtered	180µl	✓	MDT-96 P235	Sterile
PK-205-WB-R	Wide-Bore, Non-Filtered	235µl	✓	MDT-96 P235	Non-Sterile
PK-205-WB-R-S	Wide-Bore, Non-Filtered	235µl	✓	MDT-96 P235	Sterile
PKF-205-WB-R-S	Wide-Bore, Filtered	180µl	✓	MDT-96 P235	Sterile
PK-384-R	Non-Filtered	30µl	✓	MDT-384 30 ul	Non-Sterile
PK-384-R-S	Non-Filtered	30µl	✓	MDT-384 30 ul	Sterile
PKF-384-R-S	Filtered	30µl	✓	MDT-384 30 ul	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Maxymum Recovery®

Axygen Cat. No.	Type	Max Volume		Compatible Head	Packaging
PK-20-L-R	Non-Filtered	20µl	✓	MDT-96 P50	Non-Sterile
PK-20-L-R-S	Non-Filtered	20µl	✓	MDT-96 P50	Sterile
PKF-20-L-R-S	Filtered	20µl	✓	MDT-96 P50	Sterile
PK-50-L-R	Non-Filtered	50µl	✓	MDT-96 P50	Non-Sterile
PK-50-L-R-S	Non-Filtered	50µl	✓	MDT-96 P50	Sterile
PKF-30-L-R-S	Filtered	30µl	✓	MDT-96 P50	Sterile
PK-200-L-R	Non-Filtered	235µl	✓	MDT-96 P235	Non-Sterile
PK-200-L-R-S	Non-Filtered	235µl	✓	MDT-96 P235	Sterile
PKF-180-L-R-S	Filtered	180µl	✓	MDT-96 P235	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



PK-20-R & PK-20-R-S



PKF-20-R-S



PK-50-R & PK-50-R-S



PKF-30-R-S



PK-200-R & PK-200-R-S



PK-200-R-S



PK-205-WB-R & PK-205-WB-R-S



PKF-205-WB-R-S



PK-384-R & PK-384-R-S



PKF-384-R-S

Format:

96-Tip & 384-Tip Format

TIP Volume Range

Selection:

20µl - 235µl

Material:

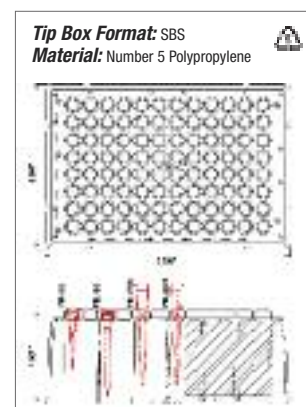
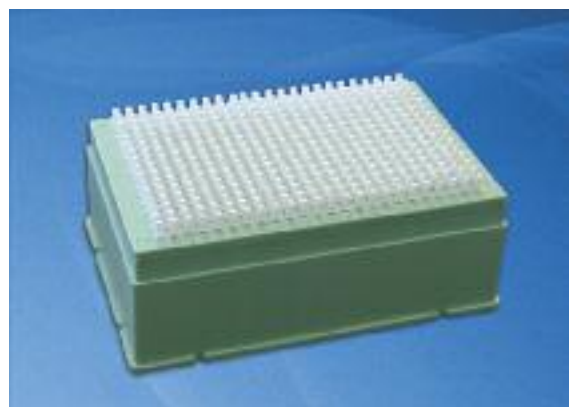
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile
- Standard or Maxymum Recovery®

Certified:


DNase-Free, RNase-Free, Pyrogen-Safe






New PerkinElmer – Compatible Tips

Tips Compatible with PERKINELMER® JANUS®, & MULTIPROBE

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
RRP-20-CBK-R	Conductive, Non-Filtered	20µl	✓	Variospan-1,4,8	Non-Sterile
RRP-20-CBK-R-S	Conductive, Non-Filtered	20µl	✓	Variospan-1,4,8	Sterile
RRP-50-CBK-R	Conductive, Non-Filtered	50µl	✓	Variospan-1,4,8	Non-Sterile
RRP-50-CBK-R-S	Conductive, Non-Filtered	50µl	✓	Variospan-1,4,8	Sterile
RRF-25-CBK-R-S	Conductive, Filtered	25µl	✓	Variospan-1,4,8	Sterile
RRP-200-CBK-R	Conductive, Non-Filtered	200µl	✓	Variospan-1,4,8	Non-Sterile
RRP-200-CBK-R-S	Conductive Non-Filtered	200µl	✓	Variospan-1,4,8	Sterile
RRF-175-CBK-R-S	Conductive, Filtered	175µl	✓	Variospan-1,4,8	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-1000-CBK-HTR	Conductive, Non-Filtered	1000µl	✓	Variospan-1,4,8	Non-Sterile
TT-1000-CBK-HTR-S	Conductive, Non-Filtered	1000µl	✓	Variospan-1,4,8	Sterile
TTF-1000-CBK-HTR-S	Conductive, Filtered	1000µl	✓	Variospan-1,4,8	Sterile

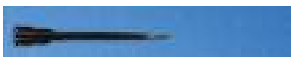
Packaging Description: Quantity = 96 tips/rack, 16 racks/case



RRP-20-CBK-R & RRP-20-CBK-R-S



RRP-50-CBK-R & RRP-50-CBK-R-S



RRF-25-CBK-R-S



RRP-200-CBK-R & RRP-200-CBK-R-S



RRF-175-CBK-R-S



TT-1000-CBK-HTR & TT-1000-CBK-HTR-S



TTF-1000-CBK-HTR-S

Format:

96-Tip Format

TIP Volume Range Selection:

20µl - 1000µl

Material:

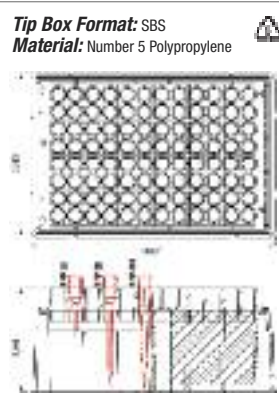
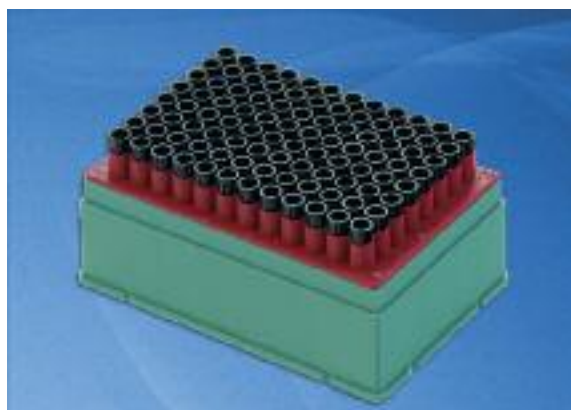
Conductive LLS Black Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:


DNase-Free, RNase-Free, Pyrogen-Safe






New PerkinElmer – Compatible Tips

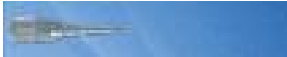
Tips Compatible with PERKINELMER® JANUS®, & MULTIPROBE

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
RRP-20-C-R	Non-Filtered	20µl	✓	Variospan-1,4,8	Non-Sterile
RRP-20-C-R-S	Non-Filtered	20µl	✓	Variospan-1,4,8	Sterile
RRP-50-C-R	Non-Filtered	50µl	✓	Variospan-1,4,8	Non-Sterile
RRP-50-C-R-S	Non-Filtered	50µl	✓	Variospan-1,4,8	Sterile
RRF-25-C-R-S	Filtered	25µl	✓	Variospan-1,4,8	Sterile
RRP-200-C-R	Non-Filtered	235µl	✓	Variospan-1,4,8, P235	Non-Sterile
RRP-200-C-R-S	Non-Filtered	235µl	✓	Variospan-1,4,8, P235	Sterile
RRF-175-C-R-S	Filtered	175µl	✓	Variospan-1,4,8, P235	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TT-1000-C-HTR	Non-Filtered	1000µl	✓	Variospan-1,4,8	Non-Sterile
TT-1000-C-HTR-S	Non-Filtered	1000µl	✓	Variospan-1,4,8	Sterile
TTF-1000-C-HTR-S	Filtered	1000µl	✓	Variospan-1,4,8	Sterile

Packaging Description: Quantity = 96 tips/rack, 16 racks/case



RRP-20-C-R & RRP-20-C-R-S



RRP-50-C-R & RRP-50-C-R-S



RRF-25-C-R-S



RRP-200-C-R & RRP-200-C-R-S



RRF-175-C-R-S



TT-1000-C-HTR & TT-1000-C-HTR-S



TTF-1000-C-HTR-S

Format:

96-Tip Format

TIP Volume Range Selection:

20µl - 1000µl

Material:

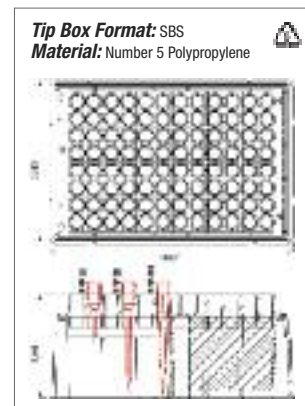
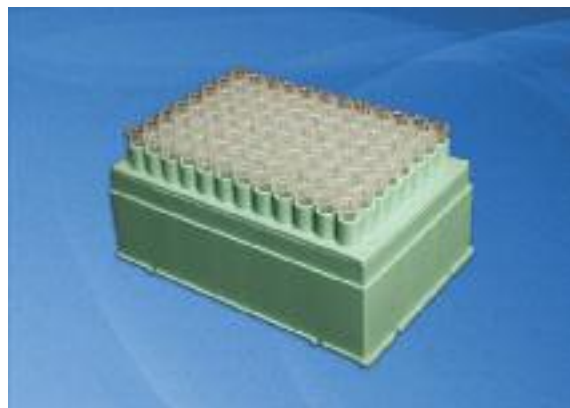
Conductive LLS Black Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNAse-Free, Pyrogen-Safe






Zymark/Caliper – Compatible Tips

Tips Compatible with ZYMARK® / CALIPER RapidPlate® & SciClone®

Tips for these Zymark/Caliper systems are compatible with Corbett CAS-4200.

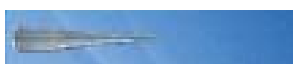
Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
ZT-50-R	Non-Filtered	50µl	-	HV96	Non-Sterile
ZT-50-R-S	Non-Filtered	50µl	-	HV96	Sterile
ZTF-50-R-S	Filtered	50µl	-	HV96	Sterile
ZT-100-R	Non-Filtered	100µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Non-Sterile
ZT-100-R-S	Non-Filtered	100µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Sterile
ZTF-100-R-S	Non-Filtered	80µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Sterile
ZT-200-R	Filtered	200µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Non-Sterile
ZT-200-R-S	Non-Filtered	200µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Sterile
ZTF-200-R-S	Non-Filtered	180µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Sterile
ZT-205-WB-R	Wide-Bore, Non-Filtered	200µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Non-Sterile
ZT-205-WB-R-S	Wide-Bore, Non-Filtered	200µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Sterile
ZTF-205-WB-R-S	Wide-Bore, Filtered	180µl	-	HV96, CAS-4200-1ch-20-150µl/sec	Sterile
New ZT-384-C-R	Non-Filtered	25µl	✓	LV96, LV384	Non-Sterile
New ZT-384-C-R-S	Non-Filtered	25µl	✓	LV96, LV384	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Maxym Recovery®

Oxygen Cat No.	Type	Max Volume	Compatible Head	Packaging
ZT-50-L-R	Non-Filtered	50µl	HV96	Non-Sterile
ZT-50-L-R-S	Non-Filtered	50µl	HV96	Sterile
ZTF-50-L-R-S	Filtered	50µl	HV96	Sterile
ZT-100-L-R	Non-Filtered	100µl	HV96, CAS-4200-1ch- 20-150µl/sec	Non-Sterile
ZT-100-L-R-S	Non-Filtered	100µl	HV96, CAS-4200-1ch- 20-150µl/sec	Sterile
ZTF-100-L-R-S	Non-Filtered	80µl	HV96, CAS-4200-1ch- 20-150µl/sec	Sterile
ZT-200-L-R	Filtered	200µl	HV96, CAS-4200-1ch- 20-150µl/sec	Non-Sterile
ZT-200-L-R-S	Non-Filtered	200µl	HV96, CAS-4200-1ch- 20-150µl/sec	Sterile
ZTF-200-L-R-S	Non-Filtered	180µl	HV96, CAS-4200-1ch- 20-150µl/sec	Sterile
ZT-205-WB-L-R	Wide-Bore, Non-Filtered	200µl	HV96, CAS-4200-1ch- 20-150µl/sec	Non-Sterile
ZT-205-WB-L-R-S	Wide-Bore, Non-Filtered	200µl	HV96, CAS-4200-1ch- 20-150µl/sec	Sterile
ZTF-205-WB-L-R-S	Wide-Bore, Filtered	180µl	HV96, CAS-4200-1ch- 20-150µl/sec	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



ZT-50-R & ZT-50-R-S



ZTF-50-R-S



ZT-100-R & ZT-100-R-S



ZTF-100-R-S



ZT-200-R & ZT-200-R-S



ZTF-200-R-S



ZT-205-WB-R & ZT-205-WB-R-S



ZTF-205-WB-R-S



ZT-384-C-R & ZT-384-C-R-S

Format:

96-Tip Format

TIP Volume Range

Selection:

25µl - 200µl

Material:

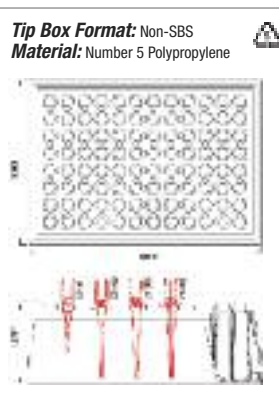
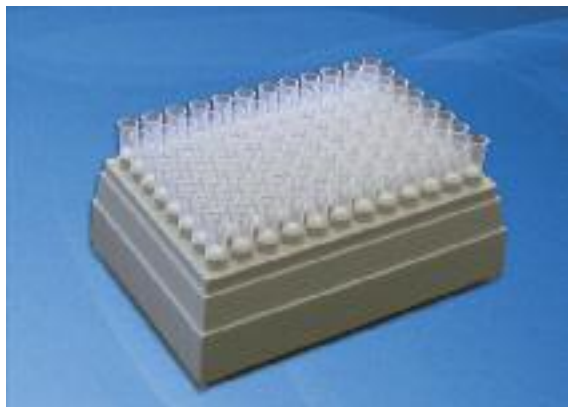
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile
- Standard or Maxym Recovery®

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe





Zymark/Caliper - Compatible Tips

Tips Compatible with ZYMARK®/CALIPER RAPIDPLATE®, SciCLONE® & ZEPHYR®

For use on SBS Plate footprint deck carriers.

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
EV-50-R	Non-Filtered	50µl	✓	HV96	Non-Sterile
EV-50-R-S	Non-Filtered	50µl	✓	HV96	Sterile
EVF-50-R-S	Filtered	50µl	✓	HV96	Sterile
EV-100-R	Non-Filtered	100µl	✓	HV96	Non-Sterile
EV-100-R-S	Non-Filtered	100µl	✓	HV96	Sterile
EVF-100-R-S	Filtered	80µl	✓	HV96	Sterile
EV-200-R	Non-Filtered	200µl	✓	HV96	Non-Sterile
EV-200-R-S	Non-Filtered	200µl	✓	HV96	Sterile
EVF-180-R-S	Filtered	180µl	✓	HV96	Sterile
EV-205-WB-R	Wide-Bore, Non-Filtered	200µl	✓	HV96	Non-Sterile
EV-205-WB-R-S	Wide-Bore, Non-Filtered	200µl	✓	HV96	Sterile
EVF-205-WB-R-S	Wide-Bore, Filtered	180µl	✓	HV96	Sterile
ZT-384-C-R	Non-Filtered	25µl	✓	LV96, LV384	Non-Sterile
ZT-384-C-R-S	Non-Filtered	25µl	✓	LV96, LV384	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



EV-50-R & EV-50-R-S



EVF-50-R-S



EV-100-R & EV-100-R-S



EVF-100-R-S



EV-200-R & EV-200-R-S



EVF-180-R-S



EV-205-WB-R & EV-205-WB-R-S



EVF-205-WB-R-S



ZT-384-C-R & ZT-384-C-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

25µl - 200µl

Material:

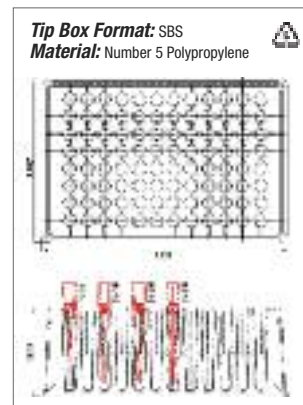
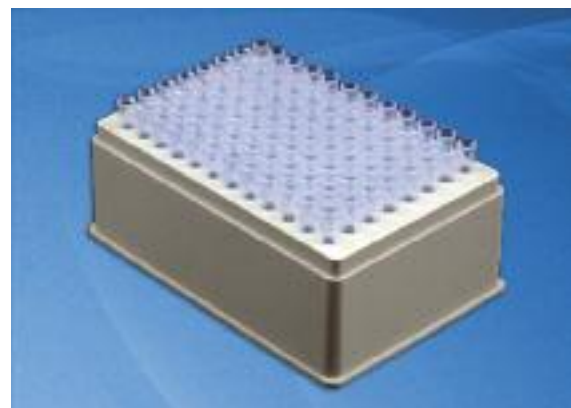
Clear Polypropylene

Available Options:

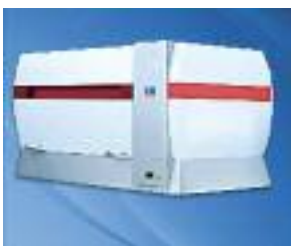
- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe




Tip Box Format: SBS
Material: Number 5 Polypropylene




Qiagen – Compatible Tips

Tips Compatible with QIAGEN® Biorobot® MDx, 3000, 8000, 9600 & 9604


For use on SBS Plate footprint deck carriers.

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
QT-300-R	Non-Filtered	300µl	✓	Biorobot®	Non-Sterile
QT-300-R-S	Non-Filtered	300µl	✓	Biorobot®	Sterile
QTF-300-R-S	Filtered	250µl	✓	Biorobot®	Sterile


Packaging Description: Quantity = 96 tips/rack, 24 racks/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
QT-1100-R	Non-Filtered	1100µl	✓	Biorobot®	Non-Sterile
QT-1100-R-S	Non-Filtered	1100µl	✓	Biorobot®	Sterile
QTF-1100-R-S	Filtered	1000µl	✓	Biorobot®	Sterile

Packaging Description: Quantity = 96 tips/rack, 16 racks/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
QT-300-CBK-R	Conductive, Non-Filtered	300µl	✓	Biorobot®	Non-Sterile
QT-300-CBK-R-S	Conductive, Non-Filtered	300µl	✓	Biorobot®	Sterile
QTF-300-CBK-R-S	Conductive, Filtered	250µl	✓	Biorobot®	Sterile

Packaging Description: Quantity = 96 tips/rack, 24 racks/case

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
QT-1100-CBK-R	Conductive, Non-Filtered	1100µl	✓	Biorobot®	Non-Sterile
QT-1100-CBK-R-S	Conductive, Non-Filtered	1100µl	✓	Biorobot®	Sterile
QTF-1100-CBK-R-S	Conductive, Filtered	1000µl	✓	Biorobot®	Sterile

Packaging Description: Quantity = 96 tips/rack, 16 racks/case



QT-300-R & QT-300-R-S



QTF-300-R-S



QT-1100-R & QT-1100-R-S



QTF-1100-R-S



QT-300-CBK-R & QT-300-CBK-R-S



QTF-300-CBK-R-S



QT-1100-CBK-R & QT-1100-CBK-R-S



QTF-1100-CBK-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

250µl - 1100µl

Material:

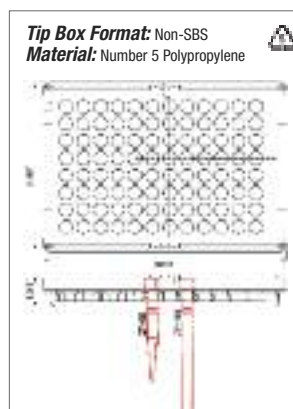
- Clear Polypropylene
- Conductive LLS Black Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:


DNAse-Free, RNAse-Free, Pyrogen-Safe





BioTek – Compatible Tips

Tips Compatible with BIOTEK® PRECISION™ and PRECISION™ XS

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
EV-50-R	Non-Filtered	50µl	✓	8 or 12	Non-Sterile
EV-50-R-S	Non-Filtered	50µl	✓	8 or 12	Sterile
EVF-50-R-S	Filtered	50µl	✓	8 or 12	Sterile
EV-100-R	Non-Filtered	100µl	✓	8 or 12	Non-Sterile
EV-100-R-S	Non-Filtered	100µl	✓	8 or 12	Sterile
EVF-100-R-S	Filtered	80µl	✓	8 or 12	Sterile
EV-200-R	Non-Filtered	200µl	✓	8 or 12	Non-Sterile
EV-200-R-S	Non-Filtered	200µl	✓	8 or 12	Sterile
EVF-180-R-S	Filtered	180µl	✓	8 or 12	Sterile
EV-205-WB-R	Wide-Bore, Non-Filtered	200µl	✓	8 or 12	Non-Sterile
EV-205-WB-R-S	Wide-Bore, Non-Filtered	200µl	✓	8 or 12	Sterile
EVF-205-WB-R-S	Wide-Bore, Filtered	180µl	✓	8 or 12	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



EV-50-R & EV-50-R-S



EVF-50-R-S



EV-100-R & EV-100-R-S



EVF-100-R-S



EV-200-R & EV-200-R-S



EVF-180-R-S



EV-205-WB-R & EV-205-WB-R-S



EVF-205-WB-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

50µl - 200µl

Material:

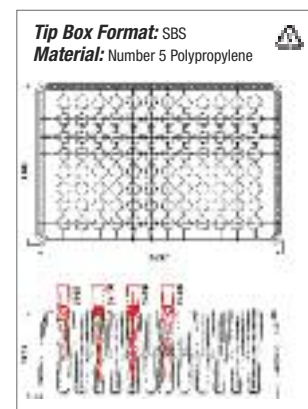
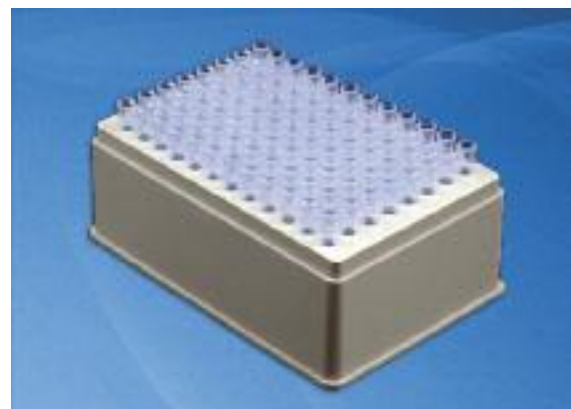
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNase-Free, Pyrogen-Safe



Dynamic Devices – Compatible Tips

Tips Compatible with DYNAMIC DEVICES Oasis LM

Oxygen Cat No.	Type	Max Volume		Compatible Head	Packaging
EV-50-R	Non-Filtered	50µl	✓	8/96-Channel-Standard Volume 96-Ch-Low Volume	Non-Sterile
EV-50-R-S	Non-Filtered	50µl	✓	8/96-Channel-Standard Volume 96-Ch-Low Volume	Sterile
EVF-50-R-S	Filtered	50µl	✓	8/96-Channel-Standard Volume 96-Ch-Low Volume	Sterile
EV-100-R	Non-Filtered	100µl	✓	8/96-Channel-Standard Volume	Non-Sterile
EV-100-R-S	Non-Filtered	100µl	✓	8/96-Channel-Standard Volume	Sterile
EVF-100-R-S	Filtered	80µl	✓	8/96-Channel-Standard Volume	Sterile
EV-200-R	Non-Filtered	200µl	✓	8/96-Channel-Standard Volume	Non-Sterile
EV-200-R-S	Non-Filtered	200µl	✓	8/96-Channel-Standard Volume	Sterile
EVF-180-R-S	Filtered	180µl	✓	8/96-Channel-Standard Volume	Sterile
EV-205-WB-R	Non-Filtered	200µl	✓	8/96-Channel-Standard Volume	Non-Sterile
EV-205-WB-R-S	Non-Filtered	200µl	✓	8/96-Channel-Standard Volume	Sterile
EVF-205-WB-R-S	Filtered	180µl	✓	8/96-Channel-Standard Volume	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case



EV-50-R & EV-50-R-S



EVF-50-R-S



EV-100-R & EV-100-R-S



EVF-100-R-S



EV-200-R & EV-200-R-S



EVF-180-R-S



EV-205-WB-R & EV-205-WB-R-S



EVF-205-WB-R-S

Format:

96-Tip Format

TIP Volume Range Selection:

50µl - 200µl

Material:

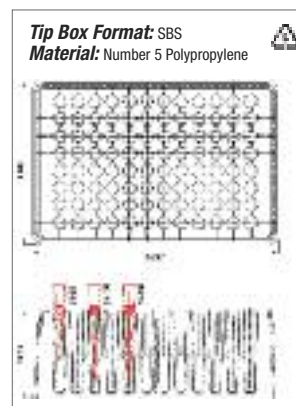
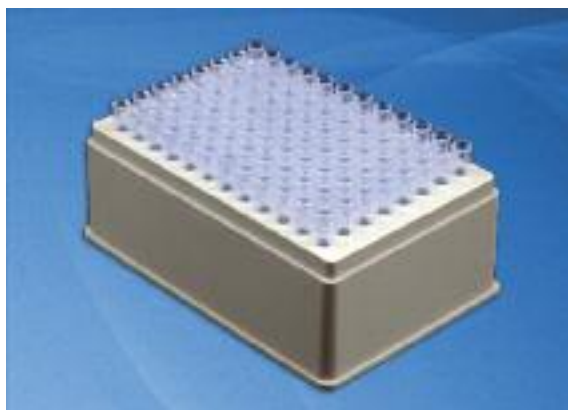
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:


DNase-Free, RNase-Free, Pyrogen-Safe



Dynamic Devices – Compatible Tips




Tips Compatible with DYNAMIC DEVICES Oasis LM

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-R	Non-Filtered	50µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-XL-R-S	Non-Filtered	50µl	✓	384-Channel-Low Volume	Sterile
FXF-384-XL-R-S	Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FX-384-R	Non-Filtered	30µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-R-S	Non-Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FXF-384-R-S	Filtered	25µl	✓	384-Channel-Low Volume	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case

Maxym Recovery®

Axygen Cat. No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-L-R	Non-Filtered	50µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-XL-L-R-S	Non-Filtered	50µl	✓	384-Channel-Low Volume	Sterile
FXF-384-XL-L-R-S	Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FX-384-L-R	Non-Filtered	30µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-L-R-S	Non-Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FXF-384-L-R-S	Filtered	25µl	✓	384-Channel-Low Volume	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case



FX-384-XL-R & FX-384-XL-R-S



FXF-384-XL-R-S



FX-384-R & FX-384-R-S



FXF-384-R-S

Format:

384-Tip Format

TIP Volume Range

Selection:
25µl -50µl

Material:

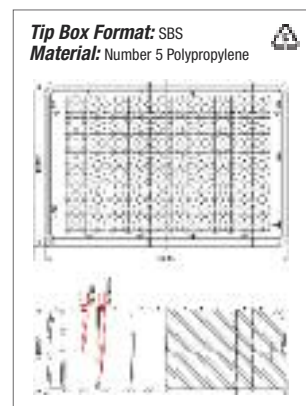
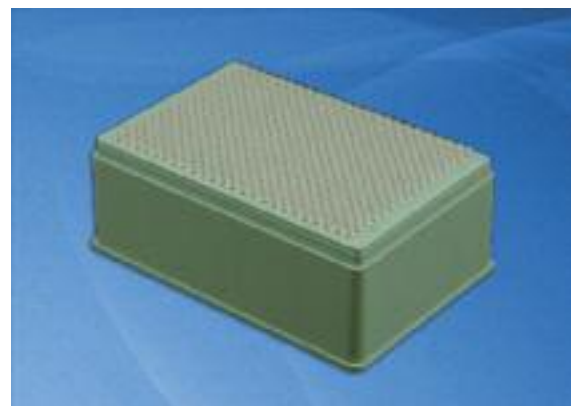
Clear Polypropylene

Available Options:

- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:


DNase-Free, RNase-Free, Pyrogen-Safe






Hamilton – Compatible Tips

Tips Compatible with HAMILTON® MICROLAB® STAR, STARLET and STARPLUS

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-R	Non-Filtered	50µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-XL-R-S	Non-Filtered	50µl	✓	384-Channel-Low Volume	Sterile
FXF-384-XL-R-S	Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FX-384-R	Non-Filtered	30µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-R-S	Non-Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FXF-384-R-S	Filtered	25µl	✓	384-Channel-Low Volume	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case

Maxym Recovery®

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-L-R	Non-Filtered	50µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-XL-L-R-S	Non-Filtered	50µl	✓	384-Channel-Low Volume	Sterile
FXF-384-XL-L-R-S	Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FX-384-L-R	Non-Filtered	30µl	✓	384-Channel-Low Volume	Non-Sterile
FX-384-L-R-S	Non-Filtered	30µl	✓	384-Channel-Low Volume	Sterile
FXF-384-L-R-S	Filtered	25µl	✓	384-Channel-Low Volume	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case



FX-384-XL-R & FX-384-XL-R-S



FXF-384-XL-R-S



FX-384-R & FX-384-R-S



FXF-384-R-S

Format:

384-Tip Format

TIP Volume Range

Selection:
25µl -50µl

Material:

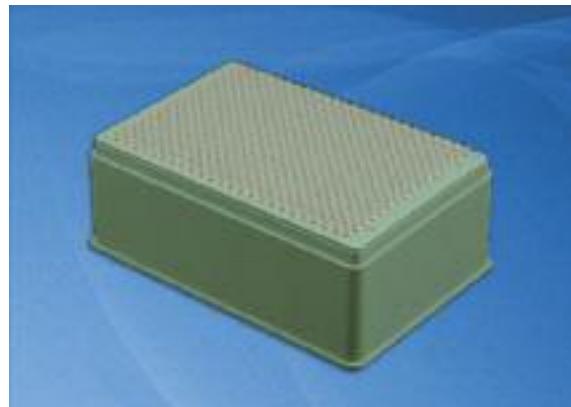
Clear Polypropylene

Available Options:

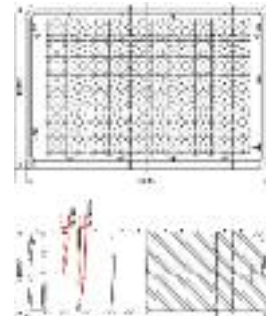
- With or Without Aerosol-Resistant Filters
- Non-Sterile or Sterile

Certified:

DNase-Free, RNAse-Free, Pyrogen-Safe



Tip Box Format: SBS
Material: Number 5 Polypropylene 



High Throughput Screening



WellPro – Compatible Tips

Tips Compatible with WELLPRO

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-R	Non-Filtered	50µl	✓	16/24 Channel	Non-Sterile
FX-384-XL-R-S	Non-Filtered	50µl	✓	16/24 Channel	Sterile
FXF-384-XL-R-S	Filtered	30µl	✓	16/24 Channel	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case



FX-384-XL-R & FX-384-XL-R-S



FXF-384-XL-R-S



TWP-200-R & TWP-200-R-S



TWPF-120-R-S

Axygen Cat No.	Type	Max Volume		Compatible Head	Packaging
TWP-200-R	Non-Filtered	200µl	–	8/12 Channel	Non-Sterile
TWP-200-R-S	Non-Filtered	200µl	–	8/12 Channel	Sterile
TWPF-120-R-S	Filtered	120µl	–	8/12 Channel	Sterile

Packaging Description: Quantity = 96 tips/rack, 10 racks/pack, 5 packs/case

Maxymum Recovery®

Axygen Cat. No.	Type	Max Volume		Compatible Head	Packaging
FX-384-XL-L-R	Non-Filtered	50µl	✓	16/24 Channel	Non-Sterile
FX-384-XL-L-R-S	Non-Filtered	50µl	✓	16/24 Channel	Sterile
FXF-384-XL-L-R-S	Filtered	30µl	✓	16/24 Channel	Sterile

Packaging Description: Quantity = 384 tips/rack, 10 racks/pack, 5 packs/case

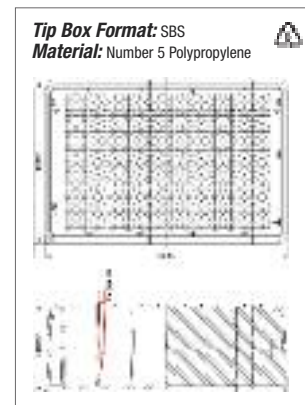
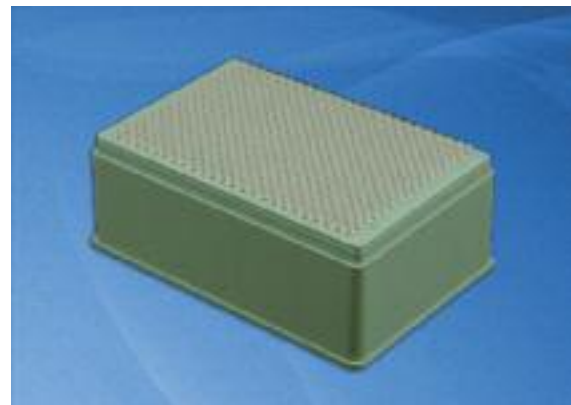
Format:
96 & 384-Tip Format

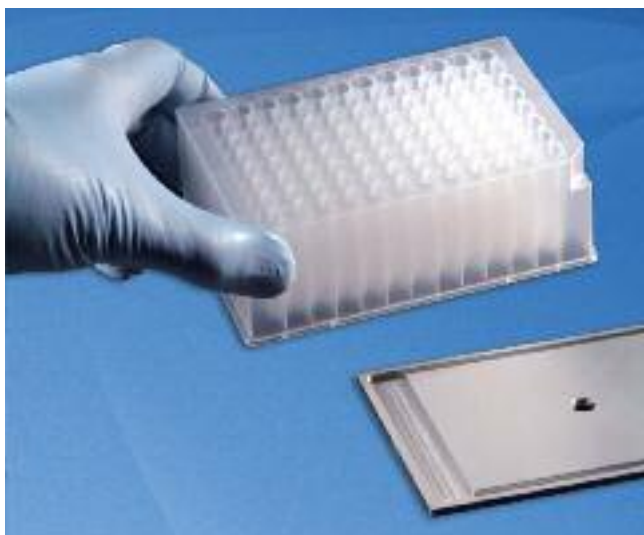
TIP Volume Range Selection:
30µl -200µl

Material:
Clear Polypropylene

- Available Options:**
- With or Without Aerosol-Resistant Filters
 - Non-Sterile or Sterile
 - Standard or Maxymum Recovery®

Certified:
DNAse-Free, RNAse-Free, Pyrogen-Safe





High Throughput Screening

Axygen's extensive line of HTS products provide researchers with solutions to the challenges in drug discovery

With the ever-growing pressure to find the next blockbuster drug, technicians are faced with the need to screen more targets more efficiently and against a larger library of compounds. Automation has greatly streamlined many standard lab tasks, including liquid handling and sample manipulation.

High throughput screening methods have also increased the need for precisely engineered and consistently manufactured lab consumables. Count on Axygen to be at the forefront of new product R&D and manufacturing improvements, ensuring your complete satisfaction with every item you use.

Deep Well Plates

- ▶ 500µl, 1.1ml, 1.6ml, 2.2ml, 5.0ml and 10.0ml capacities, in durable polypropylene
- ▶ 1.1ml features an ultra-low profile for reduced space requirements

Reservoirs

- ▶ Numerous formats for almost any manual or automated application
- ▶ SBS footprint for compatibility with most robotic systems

Axymats (patented)

- ▶ Multi-use silicone sealing mats feature pierceable and self-sealing well covers for easy access
- ▶ Available in 96 and 384-well options

ImpermaMats

- ▶ Chemically resistant silicone sealing mats resistant to DMSO and other solvents with a high degree of confidence
- ▶ Contains NO adhesives - no extractables to contaminate samples



1 Deep Well and Assay Plates



2 Single Well and Multi-well Reservoirs



3 Axymats



4 Chemically Resistant ImpermaMats



1 Deep Well and Assay Plates are used for sample collection, in-vitro growth chambers and long-term storage. Made of virgin polypropylene, they offer excellent chemical resistance and will withstand temperatures down to -80°C.

2 Single Well and Multi-well Reservoirs are a complete line of reagent vessels in numerous formats for automated and manual applications. All are designed with an SBS footprint for compatibility with most robotic systems and are made of virgin polypropylene for excellent chemical resistance.

3 Axymats are patented sealing mats designed for high throughput screening and storage applications. Made of research-grade silicone, they can be autoclaved and following a bleach wash and ethanol rinse protocol, they can also be reused. Axymats are pierceable and self-sealing, ideal for automated processes and can be used in sub-zero environments.

4 Chemically Resistant ImpermaMats (patent pending) are a chemical-resistant line of sealing mats. They are made for use in assays involving strong solvents such as DMSO and similarly harsh solvents. Specifically designed for Axygen deep well and microplates, they contain no extractables to contaminate samples. They feature a tight seal to the plate - no sample evaporation or well-to-well contamination. Usable within wide temperature range - from -80°C up to +121°C. Cost effective - can be re-used.

Deep Well Plates

384-Well Diamond Plates

- Excellent chemical resistance
- Standard SBS footprint
- Centrifugation to 4,000 RCF
- Diamond shaped wells allow complete sample recovery
- Ultra-flat surface ensures proper sealing of heat film

50µl RigiPlate™



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
PCR-384-RGD-C	50µl	49.5µl	-	Clear	384-well RigiPlate™	Bulk
AM-384-PCR-RD	-	-	30µl	Natural	Sealing Mat for 384-well PCR Microplates	Bulk
AM-384-PCR-RV	-	-	30µl	Natural	Volume Reducing Sealing Mat	Bulk

Packaging Description: Plates = 10 plates/sleeve, 2 sleeves/pack, 5 packs/case;
Mats = 10 mats/pack, 5 packs/case

Colors available by special order. Contact customer service for details.

120µl Deep Well Plate

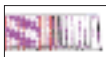


Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-384-120SQ-C	130µl	120µl	-	Clear	384-well Deep well Micro Plate	Bulk
AM-384-DW-SQ	-	-	90µl	Natural	Sealing Mat for 384-well MicroPlates with Square Wells	Bulk
AM-384-SQ-IMP	-	-	90µl	Natural	Chemically Resistant Sealing Mat for 384-well MicroPlates with Square Wells	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case;
Mats = 10 mats/pack, 5 packs/case

Black and white plates available by special order.

240µl Deep Well Plate



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-384-240SQ-C	250µl	240µl	-	Clear	384-well Deep Well Plate	Bulk
AM-384-DW-SQ	-	-	210µl	Natural	Sealing Mat for 384-well Deep Well Plates with Square Wells	Bulk
AM-384-SQ-IMP	-	-	210µl	Natural	Chemically Resistant Sealing Mat for 384 Deep Well Plates with Square Wells	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case;
Mats = 10 mats/pack, 5 packs/case

Black and white plates available by special order.

Deep Well Plates

96-Well Round and Rectangle Bottoms

0.6ml Deep Well Plate



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-DW-500-C	620µl	560µl	-	Clear	96-well Deep Well Plate, 600µl	Bulk
P-DW-500-C-S	620µl	560µl	-	Clear	96-well Deep Well Plate, 600µl	Bulk Sterile
AM-500UL-RD	-	-	440µl	Natural	Sealing Mat for 600µl 96-well Deep Well Plates	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case;
Mats = 10 mats/pack, 5 packs/case

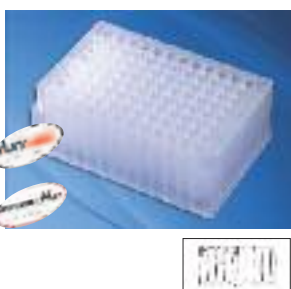
1.1ml Deep Well Plate



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-DW-11-C	1.2ml	1.1ml	-	Clear	96-well Deep Well Plate, 1.1ml	Bulk
P-DW-11-C-S	1.2ml	1.1ml	-	Clear	96-well Deep Well Plate, 1.1ml	Bulk Sterile
AM-2ML-RD	-	-	1.0ml	Natural	Sealing Mat for 1.1ml 96-well Deep Well Plates	Bulk
AM-2ML-RD-IMP	-	-	1.0ml	Natural	Chemically Resistant Sealing Mat for 1.1ml 96-well Deep Well Plates	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case;
Mats = 10 mats/pack, 5 packs/case

1.6ml Deep Well Plate – Round Wells



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-DW-20-C	1.7ml	1.6ml	-	Clear	96-well Deep Well Plate, 2.0ml Round Wells	Bulk
P-DW-20-C-S	1.7ml	1.6ml	-	Clear	96-well Deep Well Plate, 2.0ml Round Wells, Sterile	Bulk
AM-2ML-RD	-	-	1.5ml	Natural	Sealing Mat for 2.0ml 96-well Round Deep Well Plates	Bulk
AM-2ML-RD-IMP	-	-	1.5ml	Natural	Chemically Resistant Sealing Mat for 2.0ml 96-well Deep Well Plates with Round Wells	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case;
Mats = 10 mats/pack, 5 packs/case

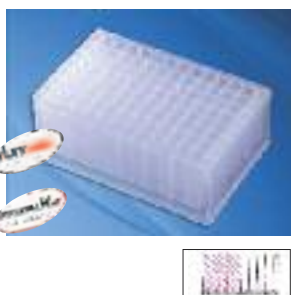
1.1ml Deep Well Plate – Square Wells



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-1ML-SQ-C	1.2ml	1.1ml	-	Clear	96-well Deep Well Plate, 2.0ml Rectangular Wells	Bulk
AM-2ML-SQ	-	-	1.9ml	Natural	Sealing Mat for 2.0ml, 96-well Deep Well Plates with Rectangular Wells	Bulk
AM-2ML-SQ-IMP	-	-	1.9ml	Natural	Chemically Resistant Sealing Mat for 2.0ml 96-well Deep Well Plates with Rectangular Wells	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case;
Mats = 10 mats/pack, 5 packs/case

2.2ml Deep Well Plate – Square Wells



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-2ML-SQ-C	2.3ml	2.2ml	-	Clear	96-well Deep Well Plate, 2.0ml Rectangular Wells	Bulk
P-2ML-SQ-C-S	2.3ml	2.2ml	-	Clear	96-well Deep Well Plate, 2.0ml Rectangular Wells, Sterile	Bulk
AM-2ML-SQ	-	-	1.9ml	Natural	Sealing Mat for 2.0ml, 96-well Deep Well Plates with Rectangular Wells	Bulk
AM-2ML-SQ-IMP	-	-	1.9ml	Natural	Chemically Resistant Sealing Mat for 2.0ml 96-well Deep Well Plates with Rectangular Wells	Bulk

Packaging Description: Plates = 5 plates/pack, 5 packs/case;
Mats = 10 mats/pack, 5 packs/case

High Throughput Screening

Deep Well/Assay Plates

Round and 'V' Well Options

5.0ml Deep Well Plate – Rectangular Wells



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-5ML-48-C	4.9ml	4.6ml	-	Clear	48-well Deep Well Plate, 5.0ml	Bulk
P-5ML-48-C-S	4.9ml	4.6ml	-	Clear	48-well Deep Well Plate, 5.0ml Rectangular Wells, Sterile	Bulk
AM-48-IMP	-	-	4.0ml	Natural	Chemically Resistant Sealing Mat for 5.0ml 48 Well Deep Well Plates	Bulk

Packaging Description: Plates = 5 plates/pack; 5 packs/case
Mats = 10 mats/pack, 5 packs/case

10ml Deep Well Plate – Rectangular Wells



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-DW-10ML-24-C	9.8ml	9.2ml	-	Clear	24-well Deep Well Plate, 10ml	Bulk*

Packaging Description: Plates = 5 plates/pack; 5 packs/case
Mats = 10 mats/pack, 5 packs/case

Round Well Assay Plate



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-96-450R-C	550µl	550µl	-	Clear	96-well Assay Round Bottom Plate	Bulk
P-96-450R-C-S	550µl	550µl	-	Clear	96-well Assay Round Bottom Plate Sterile	Bulk
AM-2ML-RD	-	-	350µl	Natural	Sealing Mat for 96-well Assay Plates with Round Wells	Bulk
AM-2ML-RD-IMP	-	-	1.0ml	Natural	Chemically Resistant Sealing Mat for 96-well Assay Plates with Round Wells	Bulk

Packaging Description: Plates = 10 plates/pack, 5 packs/case; Mats = 10 mats/pack, 5 packs/case

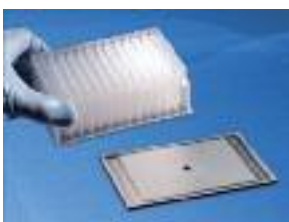
'V' Well Assay Plate



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-96-450V-C	520µl	480µl	-	Clear	96-well Assay 'V' Bottom Plate	Bulk
P-96-450V-C-S	520µl	480µl	-	Clear	96-well Assay 'V' Bottom Plate	Bulk
AM-2ML-RD	-	-	300µl	Natural	Sealing Mat for 96-well Assay Plates with 'V' Wells	Bulk
AM-2ML-RD-IMP	-	-	1.5ml	Natural	Chemically Resistant Sealing Mat for 96-well Assay Plates with Round Wells	Bulk

Packaging Description: Plates = 5 plates/pack, 10 packs/case; Mats = 10 mats/pack, 5 packs/case

Centrifuge Adapter for Deep Well Plates



Axygen Cat No	Volume to Brim of Well	Working Volume	Volume with Axymat	Colour	Product Descriptions	Packaging
P-ADAPTER-1	-	-	-	Aluminum	Centrifuge adapter for Deep Well plates	Bulk

Packaging Description: 2 Adapters/Case; (includes one of each of Axgen's popular deep well plates)

Reagent Reservoirs

High and Low Profile

- SBS footprint
- Robot compatible
- Minimizes dead volume
- Durable for multi-use and cost effective for single use
- Various formats for any application

Axygen's Reagent Reservoirs are manufactured in translucent polypropylene. With a standard SBS footprint, they are designed to be robot compatible.

Three design styles are available to fit any liquid handling application:

- **Flat Bottom Series:** single-well, low-profile, guaranteed flatness for a wide variety of applications.
- **Diamond Shaped-well Series:** 96- or 384- collection pools at the bottom surface help minimize dead volume.
- **Trough Series:** Unique "flow troughs" extending the length of the bottom surface are ideal for 8- and 12-channel applications.

Sterile Reservoirs are available upon request..

8 Channel Low Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-MW8-LP	32ml	4.0ml	Clear	Trough	Reservoir, multi well, 8 Channel troughs, low profile	Bulk

12 Channel Low Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-MW12-LP	21ml	1.75ml	Clear	Trough	Reservoir, multi well, 12 Channel troughs, low profile	Bulk

4 Channel High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-MW4-HP	80ml	19ml	Clear	Trough	Reservoir, multi well, 4 Channel troughs, high profile	Bulk

8 Channel High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-MW8-HP	80ml	10ml	Clear	Trough	Reservoir, multi well, 8 Channel troughs, high profile	Bulk

12 Channel High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-MW12-HP	84ml	7.0ml	Clear	Trough	Reservoir, multi well, 12 Channel troughs, high profile	Bulk

Packaging Description: 25 reservoirs/case

Reagent Reservoirs

High and Low Profile

8 Bottom High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW8-HP	290ml	290ml	Clear	Trough	Reservoir, single well, 8 bottom troughs, high profile	Bulk

12 Bottom High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW12-HP	290ml	290ml	Clear	Trough	Reservoir, single well, 12 bottom troughs, high profile	Bulk

96 Bottom High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW96-HP	240ml	240ml	Clear	Diamond Shaped Well	Reservoir, single well, 96 bottom troughs, high profile	Bulk

384 Bottom High Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW384-HP	282ml	282ml	Clear	Diamond Shaped Well	Reservoir, single well, 384 bottom troughs, high profile	Bulk

384 Bottom Mid Profile



New

Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW384-FX	170ml	170ml	Clear	Diamond Shaped Well	Reservoir, single well, 384 bottom troughs, medium profile	Bulk

96 Bottom Low Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW96-LP	86ml	86ml	Clear	Diamond Shaped Well	Reservoir, single well, 96 bottom troughs, low profile	Bulk

384 Bottom Low Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW384-LP	92ml	92ml	Clear	Diamond Shaped Well	Reservoir, single well, 384 bottom troughs, low profile	Bulk

Single Bottom Low Profile



Axygen Cat No	Maximum Volume	Max Vol per well	Colour	Series Style	Product Descriptions	Packaging
RES-SW1-LP	90ml	90ml	Clear	Flat Bottom	Reservoir, single well, 1 bottom flat, low profile	Bulk

Packaging Description: 25 reservoirs/case



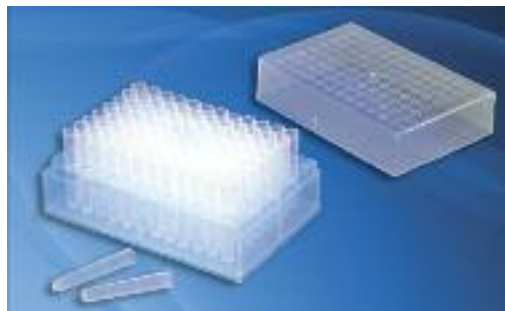
Axygen Cat No	Product Descriptions	Packaging
RES-BAFFLE	Baffle for Reservoir, suitable for single well reservoirs. Creates 9 separate chambers with flow through arches	Bulk

Packaging Description: 10 reservoirs/case

Tubes and Caps

For Compound Library Storage

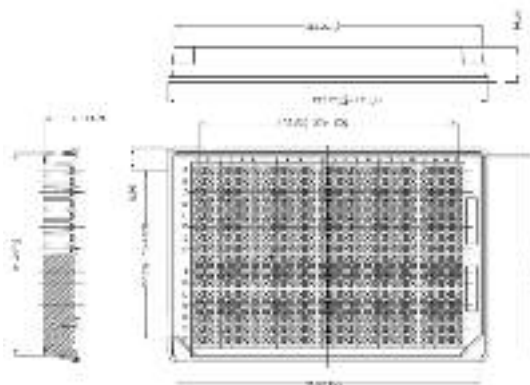
- Available in 0.65ml single Mini Tube or 1.1ml single Mini Tube and 8- and 12- tube strip formats
- 96-well rack footprint compatible with Beckman, Tecan and other robotic workstations
- One-way lid design, in conjunction with alpha-numeric grid, ensures positive sample identification
- Cover 'molded-in condensation rings' minimize cross contamination
- Polypropylene tubes and racks are autoclavable



Mini Tube Systems (MTS)

Oxygen Cat No	Tube Volume	Product Description	Packaging
MTS-11-C-R	1.1ml	Mini Tube, Single	96/rack, 10 racks/pack, 5 packs/case
MTS-11-C-R-S	1.1ml	Mini Tube, Single*	96/rack, 10 racks/pack, 5 packs/case
MTS-11-C	1.1ml	Mini Tube, Single	960 tubes/bag, 5 bags/case
MTS-11-8-C-R	1.1ml	Mini Tube, 8-strip	12 strips/rack, 10 racks/pack 5 packs/case
MTS-11-8-C-R-S	1.1ml	Mini Tube, 8-strip*	12 strips/rack, 10 racks/pack 5 packs/case
MTS-11-8-C	1.1ml	Mini Tube, 8-strip	120 strips/bag, 5 bags/case
MTS-11-12-C-R	1.1ml	Mini Tube, 12-strip	8 strips/rack, 10 racks/pack 5 packs/case
MTS-11-12-C-R-S	1.1ml	Mini Tube, 12-strip*	8 strips/rack, 10 racks/pack 5 packs/case
MTS-11-12-C	1.1ml	Mini Tube, 12-strip	80 strips/bag, 5 bags/case
MTS-06-C-R	0.65ml	Mini Tube, Single	96/rack, 10 racks/pack, 5 packs/case
MTS-06-C-R-S	0.65ml	Mini Tube, Single*	96/rack, 10 racks/pack, 5 packs/case
MTS-06-C	0.65ml	Mini Tube, Single	960 tubes/bag, 5 bags/case
MTS-8CP-C	-	Mini Tube Cap, 8-strip	120 strips/pack, 5 packs/case
MTS-8CP-C-S	-	Mini Tube Cap, 8-strip	120 strips/pack, 5 packs/case
MTS-12CP-C	-	Mini Tube Cap, 12-strip	80 strips/pack, 5 packs/case
MTS-12CP-C-S	-	Mini Tube Cap, 12-strip*	80 strips/pack, 5 packs/case

* Sterile



Thermoplastics Chemical and Physical Properties

Resistance rating on a scale from A (excellent) to D (poor)

Chemical	% Conc.	Resistance at 20°C	Resistance at 60°C	Chemical	% Conc.	Resistance at 20°C	Resistance at 60°C
Acetic acid (glacial)	97	A	B	Dimethyl acetamide	100	A	A
Acetic anhydride		B	B	Dimethylsulfoxide (DMSO)		A	A
Acetaldehyde		B	D	Ethyl acetate		B	C
Acetone	100	A	B	Ethyl alcohol	96	A	B
Acetonitrile		C	D	Ethyl benzene	40	C	D
Acetophenone	100	B	B	Ethyl chloride		B	D
Adipic acid		A	A	Ethylene chloride		C	D
Aluminum chloride		A	A	Ethylene dichloride		B	C
Ammonia (aqueous)	30	A	A	Ethylene glycol	100	B	N/A
Ammonium acetate	satd.	A	A	Formaldehyde	40	A	A
Ammonium carbonate	satd.	A	A	Formic acid	100	A	B
Ammonium chloride	satd.	A	A	Glutaraldehyde	20	A	A
Ammonium fluoride	20	A	A	Hexane		C	C
Ammonium hydroxide	10	A	A	Hydrobromic acid		D	D
Ammonium nitrate	satd.	A	A	Hydrochloric acid	50	B	C
Ammonium sulfate	satd.	A	A	Hydrofluoric acid	40	A	B
Ammonium sulfide	satd.	A	A	Hydrogen peroxide	10	A	A
Amyl acetate	100	C	D	Hydrogen sulfide	3	A	A
Amyl alcohol	100	A	B	Lactic acid		B	C
Amyl chloride	100	D	D	Magnesium chloride	satd.	A	A
Aniline	100	B	B	Magnesium sulfate	satd.	A	A
Aromatic hydrocarbons		D	D	Methyl acetate		D	D
Benzaldehyde		D	D	Methyl alcohol	10	B	C
Benzene		D	D	Methylene chloride	100	D	D
Benzoic acid	100	B	C	Methyl ethyl ketone	100	D	D
Benzl acetate	satd.	A	B	Methyl propyl ketone		B	C
Benzyl alcohol		A	A	Nitric acid	satd.	D	D
Boric acid		A	A	Nitrobenzene		B	C
Bromobenzene		C	D	Perchloroethylene		D	D
Butadiene		C	D	Phenol	95+	B	D
Butyl acetate		C	D	Phosphoric acid	100	C	D
Butyl alcohol	100	C	D	Potassium bromide		A	B
Butyric acid		C	D	Potassium chloride	satd.	A	A
Calcium chloride	satd.	A	A	Potassium fluoride	satd.	A	A
Calcium hypochlorite bleach		A	A	Potassium hydroxide		A	A
Carbon disulfide		A	A	Propionic acid		A	B
Carbon Tetrachloride		D	D	Propyl alcohol		A	B
Carbonic acid	100	C	D	Propylene glycol		A	A
Chloroacetic acid	100	D	D	Silicone oil		A	A
Chlorobenzene		C	D	Sodium acetate	100	A	A
Chloroform	100	D	D	Sodium carbonate	satd.	A	A
Chlorosulfonic acid	100	C	D	Sodium chloride		A	A
Chromic acid	50	D	D	Sodium hydroxide	satd.	A	A
Citric acid		D	D	Sodium hypochlorite	satd.	B	B
Cyclohexane	satd.	D	D	Sulfuric acid	satd.	C	D
Cyclohexanol		C	D	Sulfuric acid	98	C	D
Decalin		C	D	Tetralin	10	C	D
Detergents		A	A	Toluene	100	C	C
Dibutyl phthalate		A	B	Trichloroethane	100	B	C
Dichlorobenzene		C	D	Triethylene glycol		D	D
Dichloroethylene		D	D	Trifluoroacetic acid (TFA) 20%		B	C
Diethyl benzene	100	C	D	Xylene	100	C	D
Diethyl ether		B	C	Zinc chloride		A	A
Diethylene glycol		B	D	Zinc sulfate		A	A

The above chemical resistance chart is meant to be used as a guide only. As temperature, exposure time and functional conditions affect resistance and can vary for each application, Axgyen Scientific highly recommends users to evaluate products under their own conditions prior to use. Axgyen does not warrant (neither expressed or implied) that the information in this chart is accurate or that any material is suitable for any purpose.

Maximum RCF (G-force)

PCR Tubes

PCR-02, PCR-02D, PCR-05, PCR-0208 4,000 RCF

PCR Plates

PCR-24, PCR-32, PCR-48, PCR-96, PCR-96-MB, PCR-96-FLT, PCR-96-LP-FLT,
PCR-96-SG, PCR-96-AB, PCR-96-LP-AB, PCR-96M2-HS, PCR-96-FS, PCR-384,
PCR-384M2, PCR-384-RGD, PCR-384-55 4,000 RCF

Assay & Deep well Plates

P-384-120SQ, P-384-240SQ, P-DW-11, P-DW-20, P-DW-500,
P-2ML-SQ, P-5ML-48, P-96-450R, P-96-450V 4,000 RCF

Microcentrifuge Tubes

MCT-060, MCT-175, MCT-150, MCT-200 14,000*- 20,000 RCF

Screw Cap Tubes

SCT-050, SCT-050-SS, SCT-150, SCT-150-SS,
SCT-200, SCT-200-SS, SCT-45 20,000 RCF

Products filled with distilled water and spun at 20°C for 20 minutes with properly supportive rotor inserts. Your results may vary depending on sample type and volume.

* These products are rated to 14,000 RCF with phenol/chloroform

RPM vs. RCF “What’s the Difference?”

RPM – stands for “Revolutions Per Minute” and is the speed that your rotor spins in your centrifuge. RPM is specific to individual centrifuge brands and rotor sizes.

RCF – stands for “Relative Centrifugal Force” and is better known as g-force. This indicates the actual force resulting from the spinning action in the centrifuge. It is g-force that drives sample separation.

The following equation can be used to convert RPM to RCF for any model centrifuge.

$$RCF = 0.00001118 \times \text{radius of rotation (cm)} \times \text{RPM}^2$$

Note: radius of rotation is given by the distance of the furthest most point of the tube from the axis of rotation. Please refer to your centrifuge user guide for radius value.

Autoclaving Guideline for Plastics

To ensure successful steam sterilization of your plastic labware please adhere to the following guideline: Autoclave all plastic consumables at 121°C for 15 minutes, 15psi/1 atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 80°C before removing product.

Light Blocking Ability of Axygen Amber Microtubes

A comparison between the light blocking ability of Axygen’s amber microtubes and an industry competitor’s. Sample tubes were split in half lengthwise to obtain suitable surface area and then placed in a spectrophotometer. Various wavelengths of light were shown through the samples and % transmission of light determined.

Wavelength (nm)	Axygen Amber Microtubes	Competitor Amber Microtubes
1000nm	25.71	90.16
800nm	17.87	83.71
600nm	1.66	48.97
400nm	0.80	44.70
310nm	0.21	42.57

Testing shows significant light blocking ability of the Axygen amber microtubes, thus providing excellent protection for light sensitive samples.

From Engineering to packaging quality in everything we do

Confidence and trust are paramount to the relationship between Axygen and our customers. We believe our manufacturing and quality procedures are second-to-none. We are proud to share these standards and procedures with you to help support this relationship.

Each and every lot of product, regardless of packaging format, both sterile and non-sterile, is tested and certified by Axygen's modern microbiology laboratory. Completely equipped with the latest instruments and technology from the most trusted manufacturers, this facility, was the first of its kind in our industry. This experience, combined with an uncompromising commitment to quality, ensures that Axygen applies the most stringent testing standards to certify products to be safe from RNase, DNase and endotoxin (pyrogens). Axygen maintains a validated sterilization program and certifies sterile products to have an SAL of 10^{-6} .

In addition to being ISO 9001:2000 compliant, our operations also conform to specifications for FDA CFR Title 21-820, ISO-13485:1996 and ISO-17025:1999. Manufacturing utilizes "clean techniques" in sealed, positive over-pressure, clean areas. Axygen products can be used as "raw materials" in the production of or in the manufacture of a GMP class certified product and/or one that qualifies as USP Class IV or VI. Resins used by Axygen Scientific are compliant with FDA CFR Title 21 177.1520, 178.3295, 178.3297 and ISO 10993-3 to ensure that they are not harmful to cells or tissue samples. All resins used by Axygen must pass the requirements outlined in the United States Pharmacopoeia "Heavy Metals as Lead - Physicochemical Testing for Plastics" to demonstrate absence of trace metals, USP Method #3127.

We make available to our customers lot-specific Certificates of Compliance. We also have available, for your perusal, copies of all of our quality standards, procedures, inspection forms and various other documentation, should you wish to see them. We welcome both formal and informal site visits and audits. For more information contact our Customer Service Department at 1.800.4-AXYGEN (US and Canada), +1-510-494-8900 (International) or sales@axygen.com. Certificates of Compliance can also be downloaded and printed directly from our website, www.axygen.com.

Competence, compliance, completeness... confidence!

Volume to Brim = maximum volume of fluid that can be placed in each well without spilling out.
Working Volume = the comfortable working volume of each well of the plate.
Volume with (VR) Axyamat = the volume that can be placed in each well, without fluid touching the corresponding Axyamat when sealed.

Plate Brim of Well	Volume to Volume	Working with Axyamat	Volume VR Axyamat	Volume with
PCR-384-C	50µl	40µl	30µl	6.5µl
PCR-384M2-C	55µl	50µl	40µl	6.5µl
PCR-384-RGD-C	50µl	49.5µl	30µl	6.5µl
PCR-384-55-C	55µl	50µl	45µl	10.5µl
PCR-96-C	340µl	300µl	250µl	-
PCR-96-MB-C	340µl	300µl	250µl	-
PCR-96-FLT-C	340µl	300µl	220µl	-
PCR-96-LP-FLT-C	220µl	200µl	106µl	-
PCR-96-SG-C	320µl	280µl	240µl	-
PCR-96-AB-C	335µl	300µl	260µl	-
PCR-96-LP-AB-C	240µl	200µl	140µl	-
PCR-96M2-HS-C	340µl	300µl	240µl	-
PCR-96-F5-C	240µl	200µl	140µl	-
P-384-120SQ	130µl	120µl	90µl	-
P-384-240SQ	250µl	240µl	210µl	-
P-96-450R-C	550µl	500µl	350µl	-
P-96-450V-C	520µl	480µl	300µl	-
P-DW-500	620µl	560µl	440µl	-
P-DW-11	1.17ml	1.09ml	1.01ml	-
P-DW-20	1.74ml	1.64ml	1.56ml	-
P-DW-20-SQ	2.39ml	2.20ml	2.04ml	-
P-5ML-48-C	4.9ml	4.6ml	4.0ml	-

Unit Conversion Reference Table

Unit	Symbol	Equivalent
nanoliter	nl	1 nl = 10 ⁻⁹ L
microliter	µl	1µl = 10 ⁻⁶ L
milliliter	ml	1ml = 10 ⁻³ L
picogram	pg	1 pg = 10 ⁻¹² g
nanogram	ng	1 ng = 10 ⁻⁹ g
microgram	µg	1 µg = 10 ⁻⁶ g
milligram	mg	1 mg = 10 ⁻³ g
kilogram	kg	1 kg = 10 ³ g

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