

# Equipment for Plant Science

From *Phyto*Technology Laboratories®



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# Culture Vessels

PhytoTechnology Laboratories® offers different types of culture vessels to meet your specific laboratory requirements for plant tissue culture.

Product Number	Product Name	Glass	Plastic	Sterile	Autoclavable	Type	Volume
C583	Culture Vessel, Glass, 8 oz (237 mL)	X			X	Round	237 mL
C590	Culture Vessel, Glass, 16 oz (473 mL)	X			X	Round	473 mL
C031	Culture Vessel, Glass, 32 oz (946 mL)	X			X	Round	946 mL
C597	Culture Vessel, Glass, Wide-Mouth, 16 oz (473 mL)	X			X	Round	473 mL
C607	Culture Vessel, Glass, Wide-Mouth, 32 oz (946 mL)	X			X	Round	946 mL
C1958	SteriCon™-4		X	X		Square	237 mL
C2118	SteriCon™-8		X	X		Square	473 mL
C1932	SteriCon™-13		X	X		Square	946 mL
C1755	Culture Vessel, PTcon™-7		X		X	Round	237 mL
C1765	Culture Vessel, PTcon™-12		X		X	Round	592 mL
C1775	Culture Vessel, PTcon™-11W		X		X	Round	946 mL
C209	PhytoCon™, 8 oz (237 mL)		X		X	Round	237 mL
C215	PhytoCon™, 16 oz (473 mL)		X		X	Round	473 mL
C221	PhytoCon™, 32 oz (946 mL)		X		X	Round	946 mL
C935	Culture Tube, PhytoTech® Brand, 25 mm x 95 mm, Flat-bottom, Glass	X			X	Tube	47 mL
C2093	Culture Tube, PhytoTech® Brand, 25 mm x 150 mm Round-Bottom, Glass	X			X	Tube	55 mL
C2035	Culture Tube, PhytoTech® Brand, 25 mm x 150 mm Round-Bottom, Polycarbonate		X		X	Tube	55 mL
C2040	Culture Tube, PhytoTech® Brand, 25 mm x 150 mm Round-Bottom, Polypropylene		X		X	Tube	55 mL
C2039	Culture Tube, PhytoTech® Brand, 25 mm x 95 mm Round-Bottom, Polypropylene		X		X	Tube	30 mL
C1898	Culture Tube, Flip-Cap, Sterile		X	X	X	Tube	145 mL
C1753	Culture Bag, 6 x 9", Sterile, Single-zipper		X	X		Bag	237 mL
D678	Petri Dish, 60 mm x 15 mm		X	X		Petri	42 mL
D940	Petri Dish, 100 mm x 15 mm		X	X		Petri	118 mL
D942	Petri Dish, 100 mm x 20 mm		X	X		Petri	157 mL
D943	Petri Dish, 100 mm x 25 mm		X	X		Petri	196 mL
F934	Flask, Erlenmeyer, Wide-Mouth, 125 mL	X			X	Erlenmeyer	125 mL
F979	Flask, Erlenmeyer, Wide-Mouth, 250 mL	X			X	Erlenmeyer	250 mL
F938	Flask, Erlenmeyer, Wide-Mouth, 300 mL	X			X	Erlenmeyer	300 mL
F980	Flask, Erlenmeyer, Wide-Mouth, 500 mL	X			X	Erlenmeyer	500 mL
F985	Flask, Erlenmeyer, Wide-Mouth, 1000 mL	X			X	Erlenmeyer	1000 mL
F986	Flask, Erlenmeyer, Wide-Mouth, 2000 mL	X			X	Erlenmeyer	2000 mL



## Culture Vessels, SteriCons™

SteriCons are  $\gamma$ -irradiated, single-use culture vessels for use in plant tissue culture. Packaged in ready-to-use sleeves of 25 units. All units are 101.6 mm square and come in three different heights; 38.8 mm (C1958), 74.9 mm (C2118), and 130 mm (C1932).

Sterile?	Yes, $\gamma$ -irradiated	Autoclavable?	No	Material:	PETE
<b>C1958</b>	Culture Vessel, SteriCon-4™			25ea	250ea
<b>C2118</b>	Culture Vessel, SteriCon-8™			25ea	250ea
<b>C1932</b>	Culture Vessel, SteriCon-13™			25ea	250ea

## Culture Vessel, PTL-100™

The PTL-100 is a square box-style, graduated (markings at 25 mL & 50 mL) culture vessel. Features a press-on cap that can be manipulated with one hand. Uses C2101 - PTL-100C autoclavable, plastic closures that are included with all package sizes. Compare to Magenta® GA-7.

Sterile?	No	Autoclavable?	Yes, $\leq 121^\circ\text{C}$	Material:	Polycarbonate
<b>C2100</b>	Culture Vessel, PTL-100™			25ea	100ea
<b>C2101</b>	Closure, PTL-100C			25ea	250ea



## Culture Vessel, PT-12™

The PT-12 is a 120 mm tall, square, graduated (markings at 25 mL & 50 mL) culture vessel. Durable, light-weight, and high clarity. Compare to baby food jars. Uses C070 - *PhytoCap*™ autoclavable, plastic lids (sold separately).

Sterile?	No	Autoclavable?	Yes, $\leq 121^\circ\text{C}$	Material:	Polycarbonate
<b>C185</b>	Culture Tube, Flip Cap, Sterile			25ea	100ea
<b>C070</b>	Closure, <i>PhytoCap</i> ™			25ea	100ea 1000ea

## Culture Vessels, PTcons™

PTcons are multi-use culture vessels with screw-top lids for use in plant tissue culture. Two units have an 89 mm diameter; C1755 (height 64 mm, 237 mL volume) and C1765 (height 113 mm, 592 mL volume). C1775 has a 120 mm diameter (height 104 mm, 946 mL volume). Includes lids.

Sterile?	No	Autoclavable?	Yes, $\leq 121^\circ\text{C}$	Material:	Polypropylene
<b>C2125</b>	Culture Vessel, PTcon™ Sample Pack			5ea	
<b>C1755</b>	Culture Vessel, PTcon™-7			25ea	100ea
<b>C1765</b>	Culture Vessel, PTcon™-12			25ea	100ea
<b>C1775</b>	Culture Vessel, PTcon™-11W			25ea	100ea





## Culture Vessels, *PhytoCon*<sup>™</sup>

*PhytoCons*<sup>™</sup> are multi-use, autoclavable, culture vessels for use in plant tissue culture. Each vessel has a diameter of 115 mm and are available in three different heights; 35 mm (C209), 70 mm (C215), and 135 mm (C221). Ships with autoclavable, plastic closures (C203).

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Polypropylene
<b>C209</b>	Culture Vessel, <i>PhytoCon</i> <sup>™</sup> -8oz (237 mL)		25ea	250ea	
<b>C215</b>	Culture Vessel, <i>PhytoCon</i> <sup>™</sup> -16oz (473 mL)		25ea	250ea	
<b>C221</b>	Culture Vessel, <i>PhytoCon</i> <sup>™</sup> -32oz (946 mL)		25ea	250ea	
<b>C203</b>	Closure, <i>PhytoCon</i> <sup>™</sup>		100ea		

## Culture Bag, 6 x 9", Sterile, Single-zipper

γ-Irradiated, single-use culture bags have a stable, gusseted base and a zipper to ensure closure. Bags can be heat sealed if desired. Packaged in ready-to-use sealed sleeves of 10 or 25

Sterile?	Yes, γ-irradiated	Autoclavable?	No	Material:	Polymer Blend
<b>C1753</b>	Culture Bag, 6 x 9", Sterile, Single-zipper		10ea	25ea	



## Culture Tube, Flip-Cap, Sterile

The Flip-Cap culture tube is a γ-irradiated, multi-use culture vessel with a hinged, locking cap that can easily be opened with one hand and have a wider diameter (44 mm) and can hold a larger volume (145 mL) when compared to other culture tubes. 98 mm height.

Sterile?	Yes, γ-irradiated	Autoclavable?	Yes, ≤ 121° C	Material:	Polypropylene
<b>C1898</b>	Culture Tube, Flip-Cap, Sterile		25ea	250ea	

## Petri Dishes, Plastic

Petri dishes are ideal for callus initiation in plant tissue culture or as a sterile cutting surface. *PhytoTechnology Laboratories* offers four different sizes of sterile, ready-to-use Petri dishes that come packaged in sleeves of 25 or 20.

Sterile?	Yes, γ-irradiated	Autoclavable?	No	Material:	Polystyrene
<b>D940</b>	Petri Dish, 100 mm x 15 mm		25ea	500ea	
<b>D942</b>	Petri Dish, 100 mm x 20 mm		20ea	500ea	
<b>D943</b>	Petri Dish, 100 mm x 25 mm		20ea	500ea	
<b>D678</b>	Petri Dish, 60 mm x 15 mm		20ea	500ea	





## Culture Vessels, Glass, Wide-Mouth

These wide-mouth culture vessels are made from glass and come with lids. C597 and C607 both have a diameter of 89 mm and use C579 plastic, autoclavable lids.

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Glass
<b>C597</b>	Culture Vessel, Glass, Wide-Mouth, 16 oz (473 mL)			12ea	
<b>C607</b>	Culture Vessel, Glass, Wide-Mouth, 32 oz (946 mL)			12ea	
<b>C579</b>	Closure, Round, Screw Cap, 89 mm			12ea	100ea

## Culture Vessels, Glass

These culture vessels are made from glass and come with lids. C590 and C583 both have a diameter of 77 mm and C031 has a diameter of 78 mm, all three culture vessels have an opening diameter of 70 mm and use C566 plastic, autoclavable lids.

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Glass
<b>C583</b>	Culture Vessel, Glass, 8 oz (237 mL)			12ea	
<b>C590</b>	Culture Vessel, Glass, 16 oz (473 mL)			12ea	
<b>C031</b>	Culture Vessel, Glass, 32 oz (946 mL)			12ea	
<b>C566</b>	Closure, Round, Screw Cap, 70 mm			12ea	100ea



## Culture Tubes, *PhytoTech*® Brand, Glass

Borosilicate glass culture tubes. Use with C1800, C1805, and C945 closures (sold separately). Also use with R662, R664, R666, T078, and T171 culture tube racks (sold separately).

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Glass
<b>C935</b>	Glass, 25 mm x 95 mm, Flat-bottom			50ea	500ea
<b>C2093</b>	Glass, 25 mm x 150 mm, Round-bottom			50ea	500ea

## Culture Tubes, *PhytoTech*® Brand, Plastic

Autoclavable, plastic culture tubes. Use with C1800, C1805, and C945 closures (sold separately). Also use with R662, R664, R666, T078, and T171 culture tube racks (sold separately).

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Various
<b>C2035</b>	Polycarbonate, 25 mm x 150 mm, Round Bottom			50ea	500ea
<b>C2040</b>	Polypropylene, 25 mm x 150 mm, Round Bottom			50ea	500ea
<b>C2039</b>	Polypropylene, 25 mm x 95 mm, Round Bottom			50ea	500ea





## Flasks, Erlenmeyer, Wide-Mouth

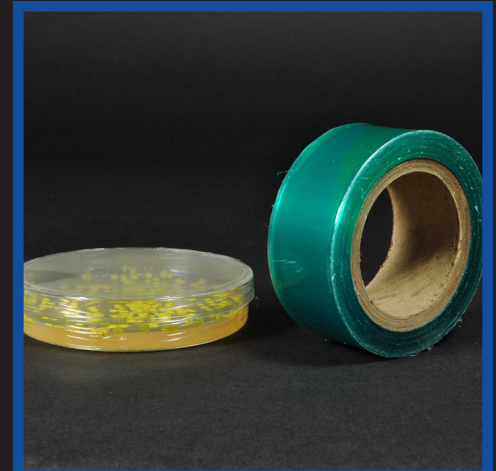
Borosilicate glass Erlenmeyer flasks with wide-mouths and graduations of 25 mL (F934, F979, F938), 50 mL (F980 and F985), or 100 mL (F986) for use as culture vessels or in the lab. Silicone Sponge Closures (C152 and C164) are sold separately.

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Glass
<b>F934</b>	Flask, Erlenmeyer, Wide-Mouth, 100 mL			12ea	
<b>F979</b>	Flask, Erlenmeyer, Wide-Mouth, 250 mL			6ea	12ea
<b>F938</b>	Flask, Erlenmeyer, Wide-Mouth, 300 mL			12ea	24ea
<b>F980</b>	Flask, Erlenmeyer, Wide-Mouth, 500 mL			6ea	24ea
<b>F985</b>	Flask, Erlenmeyer, Wide-Mouth, 1000 mL			1ea	6ea
<b>F986</b>	Flask, Erlenmeyer, Wide-Mouth, 2000 mL			1ea	4ea

## Sealing Films

Sealing films are used to help maintain aseptic environments within culture vessels and are used after autoclaving. *PhytoTechnology Laboratories* offers a PVC sealing film (A003) pictured to the right and three sizes of Parafilm® plastic paraffin sealing films (S801, S823, and S911).

Sterile?	No	Autoclavable?	No	Material:	Various
<b>A003</b>	Sealing Film, PVC			1ea	10ea
<b>S801</b>	Sealing Film, Parafilm®, 2 in x 125 ft			1ea	12ea
<b>S823</b>	Sealing Film, Parafilm®, 4 in x 125 ft			1ea	12ea
<b>S911</b>	Sealing Film, Parafilm®, 4 in x 250 ft			1ea	12ea



## Silicone Sponge Closures

Silicone Sponge Closures are autoclavable closures with a gas permeable membrane and are available in three sizes: the 18-25 mm closure for tubes (C450) pictured to the left, 28 mm for 100-300 mL Erlenmeyer flasks (C152), and 38 mm for 500-1000 mL Erlenmeyer flasks (C164).

Sterile?	No	Autoclavable?	Yes, ≤ 121° C	Material:	Silicone
<b>C450</b>	Closure, Silicone, 18-25 mm			10ea	
<b>C152</b>	Closure, Silicone, 28 mm			10ea	
<b>C164</b>	Closure, Silicone, 38 mm			10ea	

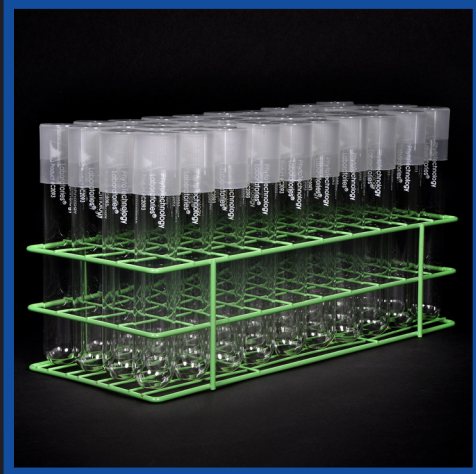
## Vented Closures

*PhytoTechnology Laboratories* offers vented closures for a number of our culture vessels. Allows for gas exchange through a 0.5 micron filter with a 19 mm diameter vent aperture for all closures.

Product Number	Product Name	Fits Products	Package Sizes
<b>C174</b>	Closure, <i>PhytoCon</i> ™, Vented	C209, C215, C221	10ea 25ea
<b>C176</b>	Closure, <i>PhytoCap</i> ™, Vented	C1770	10ea 25ea
<b>C1820</b>	Closure, Round, Screw Cap, 120 mm, Vented	C1775	10ea 25ea
<b>C2055</b>	Closure, Round, Screw Cap, 89 mm, Vented	C1755, C1765, C597, C607	10ea 25ea
<b>C170</b>	Closure, Round, Screw Cap, 70 mm, Vented	C583, C590	10ea 25ea
<b>C2110</b>	Closure, PTL-100C, Vented	C2100	10ea 25ea



# Racks & Trays



## Test Tube Racks, Metal

Test tube racks for any of our culture tubes (C935, C2093, C2035, C2040, C2039). Products R664 and R666 are metal-wire racks that are epoxy-coated. Product T171 is a stainless steel rack.

Sterile?	No	Autoclavable?	Yes	Material:	Metal
<b>T171</b>	Test Tube Rack, 40 Places, Stainless Steel			1ea	
<b>R664</b>	Test Tube Rack, 40 Places, Epoxy Coated			1ea	
<b>R666</b>	Test Tube Rack, 80 Places, Epoxy Coated			1ea	

## Test Tube Racks, Plastic

Test tube racks for any of our culture tubes (C935, C2093, C2035, C2040, C2039). Products R662 and T078 are plastic culture tube racks that are collapsible for flat storage, saving valuable lab work-space. These racks are ideal for labs with limited space, or labs that run small batches of media.

Sterile?	No	Autoclavable?	Yes, $\leq 121^{\circ}\text{C}$	Material:	Polypropylene
<b>R662</b>	Test Tube Rack, 12 Places			1ea	
<b>T078</b>	Test Tube Rack, 24 Places			1ea	



## Tray, Culture Vessel

Autoclavable, plastic tray for culture vessels. Tray has an outside dimension of: length, 49.85 cm; width 33.98 cm. Tray has an interior dimension of: length, 46.35 cm; width 29.52 cm. Tray can hold up to 12 *PhytoCon* culture Vessels (C209, C215, C221).

Sterile?	No	Autoclavable?	Yes, $\leq 121^{\circ}\text{C}$	Material:	Plastic
<b>T8077</b>	Tray, Culture Vessel			1ea	25ea

# Utensils & Rests



## **I556** Instrument Rest, Horizontal Aluminum

Heavy-duty, machined aluminum instrument rest. I556 features machine cut rests for up to eight instruments stored horizontally.

Available Package Sizes: 1ea

## **I623** Instrument Rest, Vertical Aluminum

Heavy-duty, machined aluminum instrument rest. I623 features machine cut rests for up to nine instruments stored vertically.

Available Package Sizes: 1ea

## **I4013** Instrument Rest, Horizontal Bar

Heavy-duty, machined stainless steel instrument rest. I4013 provides the most versatility, allowing for the horizontal storage of multiple instruments.

Available Package Sizes: 1ea

*Phyto*Technology Laboratories carries more than 100 different pieces and types of equipment for use in plant tissue culture and plant science research, including: scalpels, scalpel blades, forceps, spatulas, inoculation loops, scoops, scissors, and more.

The utensils and rests you get from *Phyto*Technology Laboratories are specifically sourced or manufactured with plant science in mind, and will meet the high-quality that your research demands.

Discover all the utensils and rests available at [www.phytotechlab.com](http://www.phytotechlab.com).



# Understanding Instrument Grades

Utensils (Forceps, Scalpel Handles, Scoops, and Scissors) sold by *Phyto* Technology Laboratories are available in three different grades: Utility, Research, and Premium.

Utility Grade	Research Grade	Premium Grade
Affordable utensils for your entire lab. Utility grade utensils may be more prone to wear over time, but will be the most cost effective tools for your lab.	The best balance of quality and cost. Research grade utensils will have a longer life than Utility grade utensils with higher quality components and machining.	Premium grade utensils are the best of the best. High quality materials, expert machining, and precise craftsmanship produces a balanced and precise utensil for your research and lab needs.

## Forceps

Product Number	Product Name	Material	Length	Tip Type	Forceps Type	Grade
F083	Forceps, Bayonet, 6.25 in	Stainless Steel	15.88 cm	1.8 mm	Bayonet	Utility
F081	Forceps, Bayonet, 6.75 in	Stainless Steel	17.78 cm	1.8 mm	Bayonet	Utility
F957	Forceps, Bayonet, 8 in	Stainless Steel	20.32 cm	2.3 mm	Bayonet	Utility
F955	Forceps, Curved, 6 in	Stainless Steel	15.24 cm	1.1 mm	Curved	Utility
F956	Forceps, Curved, 8 in	Stainless Steel	20.32 cm	1.3 mm	Curved	Utility
F953	Forceps, Dressing, 12 in	Stainless Steel	30.48 cm	4.4 mm	Dressing	Utility
F953	Forceps, Dressing, 12 in	Stainless Steel	30.48 cm	4.4 mm	Dressing	Utility
F328	Forceps, Dressing, 14 in	Stainless Steel	35.56 cm	4.1 mm	Dressing	Utility
F347	Forceps, Dressing, 16 in	Stainless Steel	40.64 cm	4.1 mm	Dressing	Utility
F950	Forceps, Dressing, 6 in	Stainless Steel	16.03 cm	1.3 mm	Dressing	Utility
F950	Forceps, Dressing, 6 in	Stainless Steel	16.03 cm	1.3 mm	Dressing	Utility
F951	Forceps, Dressing, 8 in	Stainless Steel	20.32 cm	3.4 mm	Dressing	Utility
F335	Forceps, Fine Point, 4.8 in	Stainless Steel	12.19 cm	0.4 mm	Dressing	Utility
F086	Forceps, Fine Point 4.75 in	Stainless Steel	12.07 cm	0.4 mm	Dressing	Utility
F343	Forceps, Fine Point, 4.37 in	Stainless Steel	11.10 cm	0.51 mm	Dressing	Utility
F340	Forceps, Fine Point, 4.65 in	Stainless Steel	11.81 cm	0.25 mm	Curved	Utility
F028	Forceps, Fine Point, 5 in	Stainless Steel	13.97 cm	0.6 mm	Dressing	Utility
F091	Forceps, Fine Point, 6.5 in	Stainless Steel	16.51 cm	1.0 mm	Dressing	Utility
F303	Forceps, Bayonet, 5.5 in, Research Grade	Stainless Steel	14.00 cm	1.3 mm	Bayonet	Research
F312	Forceps, Bayonet, 6.5 in, Research Grade	Stainless Steel	16.50 cm	2.0 mm	Bayonet	Research
F639	Forceps, Bayonet, 8.25 in, Research Grade	Stainless Steel	21.00 cm	2.0 mm	Bayonet	Research
F633	Forceps, Bayonet, Fine Point, 8.25 in, Research Grade	Stainless Steel	21.00 cm	1.8 mm	Bayonet	Research
F178	Forceps, Dressing, 4.75 in, Research Grade	Stainless Steel	12.10 cm	1.2 mm	Dressing	Research
F246	Forceps, Dressing, 6 in, Research Grade	Stainless Steel	15.20 cm	3.3 mm	Dressing	Research
F268	Forceps, Dressing, 8 in, Research Grade	Stainless Steel	20.30 cm	3.8 mm	Dressing	Research
F292	Forceps, Dressing, 10 in, Tungsten Carbide, Research Grade	Tungsten Carbide	25.40 cm	2.0 mm	Dressing	Research
F315	Forceps, Bayonet, 8.25 in, Premium Grade	Stainless Steel	21.00 cm	2.5 mm	Bayonet	Premium
F272	Forceps, Dressing, 10 in, Premium Grade	Stainless Steel	25.40 cm	3.3 mm	Dressing	Premium
F208	Forceps, Dressing, 4.75 in, Premium Grade	Stainless Steel	12.10 cm	0.5 mm	Dressing	Premium
F228	Forceps, Dressing, 6 in, Premium Grade	Stainless Steel	15.20 cm	2.0 mm	Dressing	Premium
F261	Forceps, Dressing, 8 in, Premium Grade	Stainless Steel	20.30 cm	2.5 mm	Dressing	Premium
F3158	Forceps, Dressing, 9.5 in, Premium Grade	Stainless Steel	24.00 cm	1.5 mm	Dressing	Premium

## Scissors

Product Number	Product Name	Material	Length	Grade
S836	Scissors, Straight, 6.375 in	Stainless Steel	16.19 cm	Utility
S988	Scissors, Straight, 5½ in	Stainless Steel	13.97 cm	Utility
S087	Scissors, Straight, 8 in	Stainless Steel	20.32 cm	Utility
S660	Scissors, Straight, 9 in, Tungsten Carbide, Research Grade	Tungsten Carbide	22.90 cm	Research
S641	Scissors, Straight, 5.5 in, Research Grade	Stainless Steel	14.0 cm	Research
S644	Scissors, Straight, 6 in, Premium Grade	Stainless Steel	15.20 cm	Premium

## Spatulas, Scoops, and Loops

Product Number	Product Name	Material	Length	Small End	Big End	Type	Grade
S009	Spatula/Transfer Tool, Square	Stainless Steel	11.70 cm	3.57 x 3.97 mm	5.16 x 5.56 mm	Spatula	Utility
S830	Spatula, Plastic	Autoclavable Plastic	15.24 cm	n/a	n/a	Spatula	Utility
S008	Spatula/Transfer Tool, Round	Stainless Steel	18.00 cm	3.18 x 5.56 mm	4.37 x 6.75 mm	Spatula	Utility
S978	Spatula/Spoon	Stainless Steel	22.54 cm	n/a	n/a	Spatula	Utility
S977	Spatula, Flat, Double Ended	Stainless Steel	20.80 cm	n/a	n/a	Spatula	Utility
S014	Scoop/Microspoon, Small	Stainless Steel	13.70 cm	2.65 mm diameter	3.57 mm diameter	Scoop	Utility
S018	Scoop/Microspoon, Large	Stainless Steel	13.60 cm	4.76 mm diameter	6.35 mm diameter	Scoop	Utility
I395	Inoculating Loop, 1 µl	Sterile Plastic	17.00 cm	1.01 mm diameter	n/a	Loop	Utility
I382	Inoculating Loop, 10 µl	Sterile Plastic	17.00 cm	4.06 mm diameter	n/a	Loop	Utility

## Scalpel Handles

Product Number	Product Name	Material	Length	Handle Type	Use With Blade Type(s)	Type	Grade
S963	Scalpel Handle, No. 3	Stainless Steel	12.70 cm	3	No. 10 (S970) No. 11 (S971) No. 15 (S975)	Regular	Utility
S973	Scalpel Handle, No 3L	Stainless Steel	21.10 cm	3L	No. 10 (S970) No. 11 (S971) No. 15 (S975)	Regular	Utility
S094	Scalpel Handle, No. 4	Stainless Steel	13.0 cm	4	No. 23 (S075)	Regular	Utility
S648	Scalpel Handle, No. 4L	Stainless Steel	22.00 cm	4L	No. 23 (S075)	Regular	Utility
S967	Scalpel Handle, No. 7	Stainless Steel	16.20 cm	7	No. 10 (S970) No. 11 (S971) No. 15 (S975)	Regular	Utility

## Scalpel Blades

Product Number	Product Name	Material	Blade Type	Use with Handle	Use with Product	Package Size	Grade
S970	Scalpel Blade, No. 10	Carbon Steel	No. 10	3, 3L, 7	S963, S967, S973	100ea	Utility
S971	Scalpel Blade, No. 11	Carbon Steel	No. 11	3, 3L, 7	S963, S967, S973	100ea	Utility
S975	Scalpel Blade, No. 15	Carbon Steel	No. 15	3, 3L, 7	S963, S967, S973	100ea	Utility
S075	Scalpel Blade, No. 23	Carbon Steel	No. 23	4, 4L	S094, S648	100ea	Utility
B004	Universal Scalpel Blade Remover	Plastic	n/a	n/a	n/a	1ea	Utility

# Sterilizers



## ErgoSteri™ VT Glass Bead Sterilizer

Our exclusive ErgoSteri™ VT sterilizer features an ergonomic bead well that is slanted for easy access. It is fully digital, with a temperature range of 110 to 350 °C with accurate temperature readout. The ErgoSteri VT is safer to use than other sterilizers as it remains cool-to-the-touch everywhere except the bead well. Each unit is packaged with approximately 450 grams of glass beads.

Height: 20.1 cm

Width: 14.5 cm

Length: 23.5 cm

S7510	ErgoSteri™ VT Glass Bead Sterilizer 110V	1ea
S7520	ErgoSteri™ VT Glass Bead Sterilizer 220V	1ea
S638	Replacement Glass Beads	1ea (450g)



# Clean Room Supplies

## Picking the Right Disposable Gloves

Unless otherwise noted, all gloves come in packages of 100 each, and are available as either small, medium, large or extra-large gloves. Gloves are available in three different materials and can come with or without cornstarch powder by preference.

Latex	Nitrile	PVC
Latex gloves are good for handling biological and water based materials, but offer little chemical protection and do not readily show tears or punctures. Some people may be allergic to latex.	Nitrile gloves are excellent general use gloves, they tear visibly when punctured and are resistant to most chemicals used in tissue culture research.	Polyvinyl Chloride (PVC/PVC Vinyl) gloves are durable, abrasion-resistant gloves that provide good protection against acids, bases, and peroxides but are less resistant to organic solvents.

## Gloves

Product Number	Product Name	Quantity	Type	Powder?	Glove Size	Glove Voloe
G414	Gloves, Latex, No Powder, Small	100ea	Latex	Yes	Small	White
G415	Gloves, Latex, No Powder, Medium	100ea	Latex	Yes	Medium	White
G417	Gloves, Latex, No Powder, Large	100ea	Latex	Yes	Large	White
G418	Gloves, Latex, No Powder, X-Large	100ea	Latex	Yes	X-Large	White
G405	Gloves, Latex, Powdered, Small	100ea	Latex	No	Small	White
G406	Gloves, Latex, Powdered, Medium	100ea	Latex	No	Medium	White
G408	Gloves, Latex, Powdered, Large	100ea	Latex	No	Large	White
G412	Gloves, Latex, Powdered, X-Large	100ea	Latex	No	X-Large	White
G3314	Gloves, Nitrile, Black, XL	100ea	Nitrile	No	X-Large	Black
G941	Gloves, Nitrile, No Powder, Small	100ea	Nitrile	Yes	Small	Blue
G946	Gloves, Nitrile, No Powder, Medium	100ea	Nitrile	Yes	Medium	Blue
G948	Gloves, Nitrile, No Powder, Large	100ea	Nitrile	Yes	Large	Blue
G949	Gloves, Nitrile, No Powder, X-Large	100ea	Nitrile	Yes	X-Large	Blue
G453	Gloves, Nitrile, Powdered, Small	100ea	Nitrile	No	Small	White
G454	Gloves, Nitrile, Powdered, Medium	100ea	Nitrile	No	Medium	White
G456	Gloves, Nitrile, Powdered, Large	100ea	Nitrile	No	Large	White
G457	Gloves, Nitrile, Powdered, X-Large	100ea	Nitrile	No	X-Large	White
G317	Gloves, PVC Vinyl, No Powder, Small	100ea	PVC Vinyl	Yes	Small	White
G324	Gloves, PVC Vinyl, No Powder, Large	100ea	PVC Vinyl	Yes	Large	White
G319	Gloves, PVC Vinyl, No Powder, Medium	100ea	PVC Vinyl	Yes	Medium	White
G327	Gloves, PVC Vinyl, No Powder, X-Large	100ea	PVC Vinyl	Yes	X-Large	White
G361	Gloves, PVC Vinyl, Powdered, Small	100ea	PVC Vinyl	No	Small	White
G366	Gloves, PVC Vinyl, Powdered, Medium	100ea	PVC Vinyl	No	Medium	White
G367	Gloves, PVC Vinyl, Powdered, Large	100ea	PVC Vinyl	No	Large	White
G377	Gloves, PVC Vinyl, Powdered, X-Large	100ea	PVC Vinyl	No	X-Large	White

## Autoclave Gloves and Glove Accessories

Product Number	Product Name	Package Size	Size	Temperature Rating	Material	Color
G368	Glove Dispenser, Double Box Holder	1ea	30.5 x 10.8 x 21.0 cm	Up to 121 °C	Epoxy-Coated Wire	Blue
G092	Glove, Autoclave, 13 in	1ea	13 inch	Up to 232 °C	Terrycloth	Beige
G089	Glove, Autoclave, 18 in	1ea	18 inch	Up to 232 °C	Terrycloth	Beige

## Lab Coats, Coveralls, Covers & Masks

Product Number	Product Name	Package Size	Size	Material
A179	Apron	10 ea	One-Size-Fits-Most	Polypropylene
B439	Beard Cover	500ea	One-Size-Fits-Most	Spunbond Polypropylene
C238	Coveralls, Medium	1ea	Medium	Spunbond Polypropylene
C239	Coveralls, Large	1ea	Large	Spunbond Polypropylene
C240	Coveralls, X-Large	1ea	X-Large	Spunbond Polypropylene
C440	Coveralls, XX-Large	1ea	XX-Large	Spunbond Polypropylene
H332	Hairnet, Poly Bouffant, 19 in	100ea	19 in	Spunbond Polypropylene
H336	Hairnet, Poly Bouffant, 24 in	100ea	24 in	Spunbond Polypropylene
C459	Lab Coat, Medium	1ea 30ea	Medium	Spunbond Polypropylene
C461	Lab Coat, Large	1ea 30ea	Large	Spunbond Polypropylene
C463	Lab Coat, X-Large	1ea 30ea	X-Large	Spunbond Polypropylene
C243	Lab Coat, XX-Large	1ea 30ea	XX-Large	Spunbond Polypropylene
M480	Mask, Surgical Ear Loop	50ea 500ea	One-Size-Fits-Most	Non-woven 3 ply
M487	Mask, Surgical Tie-On	50ea 500ea	One-Size-Fits-Most	Non-woven 3 ply
S819	Shoe Cover, Non-Skid	100ea (50 pairs)	One-Size-Fits-Most	Polypropylene

## Other Clean Room Supplies

Product Number	Product Name	Package Size	Dimensions	Sheets per Mat	pH	Usage	Storage Temp
C284	Aquet® Cleaner/detergent	1L 4L	n/a	n/a	7.0	Use at 1% dilution	Room Temperature
M493	Floor Mat, Adhesive Tack Mat	1ea 4ea	45.72 x 114.30 cm	30 Sheets	n/a	n/a	n/a

## Label Tapes and Micropore Tapes

Product Number	Product Name	Autoclavable?	Color	Length	Width	Package Size
T969	Tape, Micropore, 1 in	Yes	White	9.14 m	2.54 m	1ea 12ea 120ea
T690	Tape, Label, White	Yes	White	36.5 m	1.9 cm	1ea
T695	Tape, Label, Blue	Yes	Blue	36.5 m	1.9 cm	1ea
T696	Tape, Label, Green	Yes	Green	36.5 m	1.9 cm	1ea
T697	Tape, Label, Orange	Yes	Orange	36.5 m	1.9 cm	1ea
T699	Tape, Label, Yellow	Yes	Yellow	36.5 m	1.9 cm	1ea
T706	Tape, Label, Red	Yes	Red	36.5 m	1.9 cm	1ea
T7939	Tape, Label, White	Yes	White	36.5 m	2.54 cm	1ea



# Media Preparation

## Hot Plate/Stirrers & Mixers

Product Number	Product Name	Mixing Speed	Maximum Volume	Recommended Bar	Voltage	Temperature Range
H926	Hot Plate/Stirrer, 110-120 V	0-1500 RPM	4L	Any	110-120 V	100-450 °C
H947	Hot Plate/Stirrer, 220-240 V	0-1500 RPM	4L	Any	220-240 V	100-450 °C
H372	Hot Plate/Stirrer Heater Element, 115 V	n/a	n/a	n/a	115 V	100-450 °C
H387	Hot Plate/Stirrer Heater Element, 240 V	n/a	n/a	n/a	240 V	100-450 °C
M659	Mixer/Stirrer	0-1500 RPM	800mL	B011	120 V	No Heating Element
M655	Mixer/Stirrer, Round	0-1500 RPM	800mL	B011	120 V	No Heating Element

## Autoclavable Stir Bars

Product Number	Product Name	Material	Length	Width	Shape
B010	Stir Bar, 7.9 mm x 12.7 mm	Teflon	1/2 in (12.7 mm)	5/16 in (7.9 mm)	Polygon Bar
B011	Stir Bar, 7.9 mm x 38.1 mm	Teflon	1.5 in (38.1 mm)	5/16 in (7.9 mm)	Polygon Bar
B012	Stir Bar, 7.9 mm x 50.8 mm	Teflon	2 in (50.8 mm)	5/16 in (7.9 mm)	Polygon Bar
B013	Stir Bar, 9.5 mm x 25.4 mm	Teflon	1 in (25.4 mm)	3/8 in (9.5 mm)	Ovoid Bar
B015	Stir Bar, 9.5 mm x 50.8 mm	Teflon	2 in (50.8 mm)	3/8 in (9.5 mm)	Ovoid Bar
B017	Stir Bar, 12.7 mm x 76.2 mm	Teflon	3 in (76.2 mm)	1/2 in (12.7 mm)	Ovoid Bar
B016	Stir Bar Retriever, 45.72 cm	Polyethylene	18 in (45.72 cm)	3/8 in (9.5 mm)	Stir Bar Retriever

## Balances

Product Number	Product Name	Weight Capacity	Measurement Increments	Pan Dimensions	Voltage	Type
B929	Balance, Electronic	200g	0.1g		120 V	Electronic, Portable
B809	Balance, Electronic	200g	0.1g		220 V	Electronic, Portable
B933	Balance, Electronic, 200 g x 0.01 g	200g	0.01g	11.8 cm diameter	120 V	Electronic, Portable
B936	Balance, Electronic, 400 g x 0.1 g	400g	0.1g	12.5 x 14.5 cm	120 V	Electronic, Portable
B978	Balance, Electronic 200 g x 0.01 g	200g	0.01g	13.0 cm diameter	110-120 V	Electronic, Portable
B901	Balance, Electronic Portable	1000g	0.1g		120 V	Electronic, Portable
B817	Balance, Triple Beam	610g	0.1g	15.2 cm diameter	n/a	Analog, Triple Beam

## Anti-Static Pour Boats, Weigh Boats, & Weigh Paper

Product Number	Product Name	Package Sizes	Product Number	Product Name	Package Sizes	Product Number	Product Name	Package Sizes
W598	Anti-Static Pour Boat, Small	250ea	W879	Weigh Boat, Small	500ea	W917	Weigh Paper, Small	500ea
W578	Anti-Static Pour Boat, Medium	250ea	W880	Weigh Boat, Medium	500ea	W921	Weigh Paper, Medium	500ea
W568	Anti-Static Pour Boat, Large	250ea	W881	Weigh Boat, Large	500ea	W925	Weigh Paper, Large	500ea



# Sterilization & pH

## Instrument Sterilization Burners

Product Number	Product Name	Package Size	Size	Wick?	Material
B966	Bunsen Burner, Touch-o-Matic™	1ea	Mixed-Gas	No	Metal
B876	Burner, Alcohol	1ea	Alcohol	Adjustable	Glass

## Sterilization Indicators

Product Number	Product Name	Package Size	Tape Dimensions	Indicator Threshold	Brand	Type
S787	Sterilization Indicators	200ea	n/a	121°C (250°F)	3M™ Comply™	Strip
S991	Sterilization Indicators	250ea	n/a	121°C (250°F) and 139°C (272°F)	Propper®	Strip
T998	Tape, Autoclave Indicator	1ea 6ea	1.27cm x 54.9m	121°C (250°F)		Tape
T789	Tape, Autoclave Indicator, 1 inch	1ea	2.54cm x 54.9m	121°C (250°F)	Propper®	Tape

## pH Meters, Strips, & Paper

Product Number	Product Name	Package Size	Battery Life	Type	pH Range
P6930	pH Meter, JENCO® VisionPlus PH630	1ea	≈300 hours	Meter	0-14 ± 0.02
P084	pH Meter Replacement Probe	1ea	n/a	Meter (replacement)	n/a
P332	pH Paper, 1 - 14	1ea	n/a	Paper	1-14
P334	pH Paper, 4.5-7.5	1ea	n/a	Paper	4.5-7.5
P959	pH Indicator Strips, pH 0-14	100ea	n/a	Strip	0-14
P958	pH Indicator Strips, pH 4-7	100ea	n/a	Strip	4-7

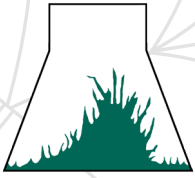
## pH Buffer Solutions

pH Buffers are used in the calibration of electronic pH meters and come in three set reference pH levels, 4.0, 7.0 (neutral), and 10.0. For best results calibrate your pH meter with the buffer liquid is at a room temperature of 25°C (77°F).

Product Number	Product Name	Package Size	Set pH	Margin of Error	Color
B235	Buffer Solution, pH 4.0	500ml 4L	4.0	± 0.02 at 25°C	Red
B236	Buffer Solution, pH 7.0	500ml 4L	7.0	± 0.02 at 25°C	Yellow
B237	Buffer Solution, pH 10.0	500ml 4L	10.0	± 0.02 at 25°C	Blue

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