



# Tools for Small to Large-Scale Vaccine Development



## Autoclavable Carboys

- Steam autoclavable at 121°C (250°F)
- Available with spigot for easy media dispensing

Catalog No.	Capacity
F10794-0025	10L (2.6gal) without Spigot
F10794-0050	20L (5.3gal) without Spigot
F11846-0025	10L (2.6gal) with Spigot
F11846-0050	20L (5.3gal) with Spigot
H91184-6005	Replacement Spigot for F11846-0025 and F11846-0050



## Carboy Funnels

- Easily fill carboys used for media storage
- Molded of natural polypropylene
- Steam autoclavable at 121°C (250°F)

Catalog No.	Capacity	Stem O.D.
H14712-0350	14.1L (3.73gal)	5.1cm (2")



## Bioprocessing Tanks

- Contain or store fluids from large-scale bioproduction
- Economical alternative to heavy, stainless steel tanks

Catalog No.	Capacity	With Faucet?	Dimensions ( L x W x H)
H34085-0000	57L (15gal)	No	39 x 30 x 48cm (15.25 x 12 x 19")
H34093-0000	28L (7.5gal)	Yes	42 x 28 x 25cm (16.5 x 11 x 10")
H34095-0000	57L (15gal)	Yes	39 x 30 x 48cm (15.25 x 12 x 19")



## ProCulture® Spinner & Shaker Flasks

- Ideal for growing bacterial cell cultures from pilot scale to production scale
- Visit [sp-wilmad-labglass.com](http://sp-wilmad-labglass.com) for full selection

Catalog No.	Type	Capacity	O.D.	Height
BP-3225-100	Fernbach Shaker Flask with Baffles	2800ml	200mm	230mm

  

Catalog No.	Type	Capacity	Center Neck	Sidearm Thread
BP-3400-114	Spinner Flask	15L	100mm	GL45

# Vaccine Development

## Tubing Clamps

- Multiple clamp styles for aseptic media transfer
- Autoclavable

Catalog No.	Fits Tubing Size	Material	Quantity/Pack
F18225-0000	Up to 6.4mm (¼") O.D.	Nylon	12
F18228-0000	3.2 to 11mm (⅛ to ⅞") O.D.	Acetal	12
F18218-0000	Up to 0.82mm (½") Wall Thickness	Acetal	12
F18212-0000	Up to 14mm (½") O.D.	Acetal	3

## Poxygrid® Tube Racks

- Sizes to accommodate standard test tubes, and 15, 50, 250 and 500ml conical tubes
- Useful for transport and storage
- Withstands a temperature range of -223°C (-369°F) to 121°C (250°F)
- Autoclavable

Catalog No.	Tube Size	Places	Color
F18753-0003	10-13mm	108	Orange
F18773-0003	20-24mm	80	Orange
F19856-0250	250ml	6	Blue
F19856-0500	500ml	4	Blue



## Sterileware® Pharma Scoops

- Single use scoops for all stages of study, from pilot to production
- Gamma irradiated sterile (SAL 10<sup>-6</sup>); manufactured in an RNase, DNase, and pyrogen free facility



Catalog No.	Nominal Capacity	Quantity/Pack
F36909-0030	30.0ml (1oz)	100
F36909-2500	2500ml (85oz)	15

## Spinbar® Magnetic Stirring Bars

- A stirring bar for every size vessel, from pilot to production
- FDA Grade, USP Class VI Teflon® brand PTFE coating; superior chemical compatibility
- Autoclavable

Catalog No.	Bar Style	Dimensions (L x Dia.)
F37110-0078	Octagon	⅞ x ⅝" (22.2 x 8mm)
F37118-0006	Giant Polygon	6¼ x 1⅞" (159 x 27mm)



More sizes & styles available

## Write-On™ Label Tape & Crogenic Storage Labels

- Tape withstands a temperature range of 157°C (315°F) for 30 min. or 80°C (176°F) for 24 hours; can be used down to -80°C (-112°F)
- Labeling dots can be used down to -196°C (-321°F)

Catalog No.	Color	Width	Length	Core	Quantity/Pack
<b>Write-On™ Label Tape</b>					
F13481-0050	Yellow	12.7mm (½")	13.7m (15yds)	2.54cm (1")	6
F13484-0100	Red	25.4mm (1")	36.4m (40yds)	7.6cm (3")	3

Catalog No.	Color	Fits	Label Size	Quantity/Pack
<b>Cryogenic Storage Labels</b>				
F13491-3302	Assorted	1.5-2ml Tubes	Rectangular: 33 x 13mm (1⅝ x ½")	25 sheets, 2125 labels
F13492-1302	Assorted	1.5-2ml Tubes	Round Dots: 13mm dia. (½")	1 Roll, 5000 labels

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