



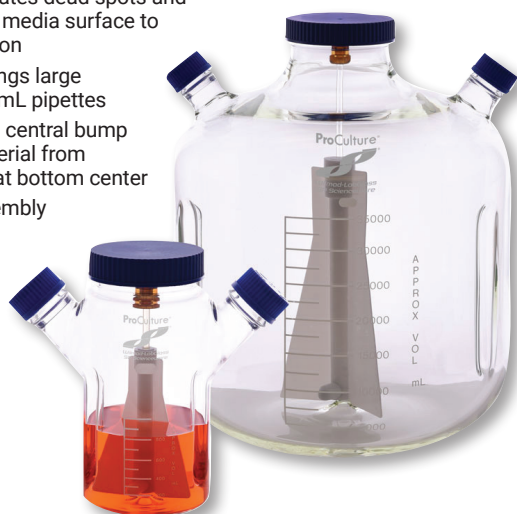
ProCulture®

Providing Tools for Cell Culture – Every Step of the Way

ProCulture® Spinner Flasks

Applicable to All Spinner Flasks

- Impeller eliminates dead spots and extends above media surface to increase aeration
- Sidearm openings large enough for 50 mL pipettes
- Flask base has central bump to prevent material from accumulating at bottom center
- Complete assembly



A

Catalog No.	Capacity	Center Neck Size	Side Arm Thread
ProCulture® Standard Spinner Flasks			
BP-3400-100	125ml	70mm	GL32
BP-3400-102	250ml	70mm	GL32
BP-3400-104	500ml	100mm	GL45
BP-3400-106	1 L	100mm	GL45
BP-3400-108	3 L	100mm	GL45
BP-3400-110	6 L	100mm	GL45
BP-3400-112	8 L	100mm	GL45
BP-3400-114	15 L	100mm	GL45
BP-3400-116	36 L	100mm	GL45
Catalog No.	Description		
Optional Direct Drive Impeller			
BP-3900-9100	120V Hi-Torque Direct Drive Motor w/Coupling and Yoke		
BP-3900-9104	100mm Cap Assembly for Hi-Torque Motor		
BP-3900-9106	120mm Cap Assembly for Hi-Torque Motor		

ProCulture® Shaker Flasks

Delong Shaker Flasks (A)

- Long neck reduces risk of splashing that could reach the closure

Beaded Rim Shaker Flasks (B)

- Beaded neck rim ensures greater resistance to chipping

Fernbach Shaker Flasks (C)

- Ideal for cultures that require large surface area to volume ratio



Catalog No.	Capacity	O.D.	Height	Neck O.D.	Baffle Style
ProCulture® Delong Shaker Flasks (A)					
BP-3160-306	250ml	81mm	138mm	38mm	No Baffles
BP-3160-310	500ml	101mm	181mm	38mm	No Baffles
BP-3160-312	1000ml	129mm	285mm	38mm	No Baffles
BP-3160-314	2000ml	160mm	285mm	38mm	No Baffles
BP-3300-102	125ml	66mm	122mm	25mm	Side Baffles
BP-3300-104	250ml	81mm	138mm	38mm	Side Baffles
BP-3300-106	500ml	101mm	181mm	38mm	Side Baffles
BP-3300-108	1000ml	129mm	285mm	38mm	Side Baffles
BP-3300-110	2000ml	160mm	285mm	38mm	Side Baffles
BP-3300-112	4000ml	206mm	305mm	38mm	Side Baffles
BP-3350-102	125ml	66mm	122mm	25mm	Deep Side Baffles
BP-3350-104	250ml	81mm	138mm	38mm	Deep Side Baffles
BP-3350-108	500ml	101mm	181mm	38mm	Deep Side Baffles
BP-3350-110	1000ml	129mm	285mm	38mm	Deep Side Baffles
BP-3350-112	2000ml	160mm	285mm	38mm	Deep Side Baffles
BP-3350-116	4000ml	206mm	305mm	38mm	Deep Side Baffles



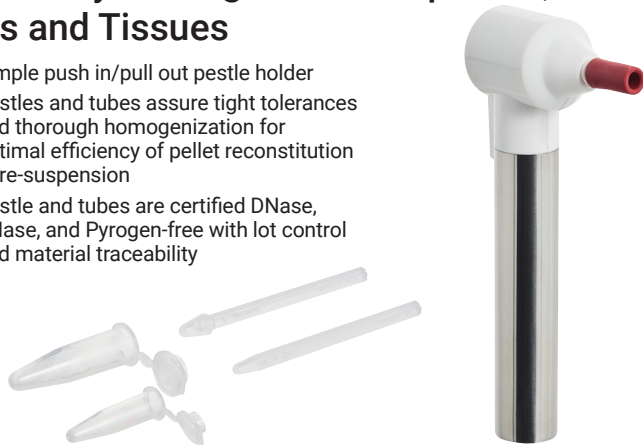
Catalog No.	Capacity	O.D.	Height	Stopper Size	Neck O.D.	Baffle Style
ProCulture® Beaded Rim Shaker Flasks (B)						
BP-3360-102	125ml	66mm	122mm	#5	25mm	Side Baffles
BP-3360-104	250ml	81mm	138mm	#6	38mm	Side Baffles
BP-3360-106	500ml	101mm	181mm	#7	38mm	Side Baffles
BP-3360-108	1000ml	129mm	285mm	#8.5	38mm	Side Baffles
Catalog No.	Capacity	O.D.	Height	Neck Size	Stopper Size	Baffle Style
ProCulture® Fernbach Shaker Flasks (C)						
BP-3200-098	2800ml	200mm	230mm	Beaded Rim	#13	No Baffles
BP-3200-100	2800ml	200mm	230mm	Beaded Rim	#13	Side Baffles
BP-3225-100	2800ml	200mm	230mm	GL45 threaded	GL45*	Side Baffles
BP-3250-100	2800ml	200mm	260mm	Delong	—	Bottom Center Baffles

*GL45 cap included

ProCulture® Micro-Tube Homogenizer System

Effectively Homogenize Precipitates, Cells and Tissues

- Simple push in/pull out pestle holder
- Pestles and tubes assure tight tolerances and thorough homogenization for optimal efficiency of pellet reconstitution or re-suspension
- Pestle and tubes are certified DNase, RNase, and Pyrogen-free with lot control and material traceability



⚠ See page 8



Catalog No.	Description
Homogenizer – Includes Cordless Motor, 2 AA Batteries and Pestle Adapter	
F65100-0000	Cordless Homogenizer Unit
Individually Packed (Pack of 100)	
F65000-0001	0.5ml Pestle
F65000-0005	0.5ml Pestle and Tube
F65000-0002	1.5ml Pestle
F65000-0006	1.5ml Pestle and Tube
Bulk Packed (Pack of 100)	
F65000-9001	0.5ml Pestle
F65000-9002	1.5ml Pestle
F65000-9006	1.5ml Pestle and Tube

ProCulture® Extended Handle Pestle

Resuspend Cell Pellets for Small Scale Testing Applications

- Cone tip tapers from 8.2mm (0.33") down to 2.9mm (0.12") in length of 19.8mm (0.78") and has a rounded end
- Shaft diameter: 4.7mm (3/16")



Catalog No.	Overall Length	Quantity/ Pack
F19921-0001	21cm (8 1/4")	6

ProCulture® Cell Lifter

Remove Cell Pellets with Ease

- Narrow blade ideal for use in 35 and 60mm Petri dishes, and 6 and 12 well cell culture clusters
- Angled and chiseled blade with smooth handle molded from polypropylene for good chemical resistance and easy cleaning



Catalog No.	Dimensions (L x W)	Quantity/ Pack
F37756-0010	21.0 x 1.6cm (8 1/4 x 5/8")	10

ProCulture® Foil Cover-Alls

Stop Wasting Time and Money on Rolls of Aluminum Foil

- Used in cell culture to cover flasks while allowing proper aeration
- Provides a temporary, sterile boundary for autoclave sterilization of labware
- Preformed to quickly cover a wide variety of labware using only one hand



Catalog No.	Diameter at Base	Height	Flat Diameter	Quantity/ Pack
F13200-1035	1.5" base	1.00" wall ht.	3.5" diameter	252
F13200-1045	2.0" base	1.25" wall ht.	4.5" diameter	256
F13200-1055	2.0" base	1.75" wall ht.	5.5" diameter	252



Autoclave
 High Density Polyethylene
 Polycarbonate
 Polymethylpentene
 Polypropylene
 Polyethylene
 Stainless Steel
 Steel

ProCulture® Orbital Shaker Platform

Double Duty for Your Magnetic Stirrer



- Turns standard magnetic stirrer into orbital shaking platform
- Rotating orbit diameter of 21.7mm (7/8")
- Shaker adjustment controlled by setting magnetic stirrer to desired speed

Watch it in action: [youtube.com/Scienceware](https://www.youtube.com/Scienceware)

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Catalog No.	Dimensions (L X W X H)	Quantity/ Pack
F37041-0000	22.5 x 22.5 x 5.3cm (8 7/8 x 8 7/8 x 2 1/16")	1

ProCulture® 37°C Warming Plate

Maintain the Perfect Cell Temperature Outside the Incubator



- 37°C plate protects cell viability; keep dishes outside the incubator longer
- Reduces cell stress and allows enzymes like trypsin to work efficiently
- Can be used to maintain warmth of reagents inside the hood

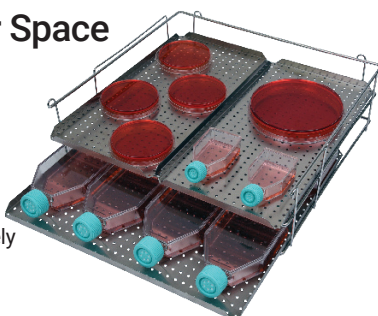
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Catalog No.	Voltage	Dimensions	Quantity/ Pack
F37015-0000	120V	24.9 x 25.4 x 5.7cm (9 3/4 x 10 x 2 1/4")	1
F37015-1000	220V, CE Marked	24.9 x 25.4 x 5.7cm (9 3/4 x 10 x 2 1/4")	1

ProCulture® Stak-A-Tray System

Maximize Incubator Space

- Stack up to five racks for multiple levels of storage
- Perforated trays allow air flow and slide easily in rack
- Each tier accommodates one large or two small trays
- Racks and trays sold separately



ProCulture® Incu-Shaker Tube Holder

Useful Accessory for Benchtop or Floor Model Shaking Incubators

- Positions tubes at an angle permitting greater aeration
- Securely holds combination of up to 48 tubes
- Easily secures to platform of shaker with included screws

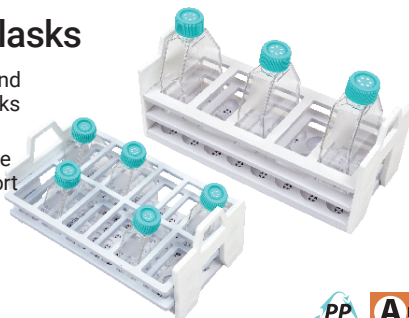


Catalog No.	Description	Quantity/ Pack
F18798-0000	Holds (18) 1.5 or 2ml, (12) 5ml, (12) 15ml, and (6) 50ml Tubes	1

ProCulture® Tissue Culture Flask Racks

Prevent Tipping Flasks

- Rectangular holes in top and center plates stabilize flasks to prevent tipping
- Handles on each end of the rack allow for safe transport of flasks to the incubator



Catalog No.	Flask Size	Plac- es	Dimensions (L X W X H)	Quantity/ Pack
F18970-0001	75ml	12	23 x 13.7 x 10.7cm (9.1 x 5.4 x 4.2")	1
F18970-0002	260ml	5	29.7 x 12.5 x 13.2cm (11.7 x 4.9 x 5")	1

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Catalog No.	Description	Quantity/ Pack
H18610-0420	Rack frame with two center supports (for larger culture flasks), two levels per rack, 5cm (1.96") clearance between trays	1
H18610-0440	Rack frame with four center supports (for Petri dishes and small culture flasks), four levels per rack, 2.4cm (0.96") clearance between trays	1
H18610-0470	Small tray, 17.8 x 35.6cm (7 x 14")	1
H18610-1440	Large tray, 35.6 x 35.6cm (14 x 14")	1

ProCulture® -1°C Freeze Controller

Prevent Lethal Intracellular Freezing

- Provides "controlled rate" freezing samples at approximately -1°C per minute
- 18 well, removable polyethylene vial holder placed inside container separates vials from isopropyl alcohol
- Plastic foam insert surrounds the vial holder for insulation

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Catalog No.	Tube Size	Places	Container I.D.	Closure O.D.	Quantity/ Pack
F18844-0000	1.0 or 1.8ml	18	11.2 Dia. x 7.2cmH (4.4 x 2.8")	12.4cm (4.9")	1



ProCulture® Cryogenic Vial Storage Boxes

Ideal for Storage at Liquid Nitrogen Temperatures

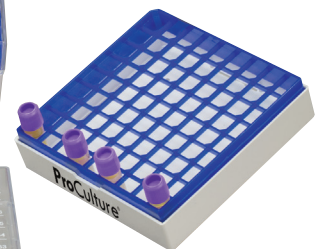
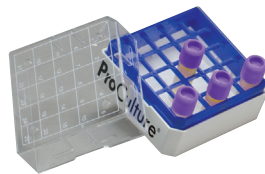
- Can be used in temperatures from -196°C to +121°C
- Clear lids can be written on with permanent markers and have a printed grid for easy inventory
- Keyed corner aligns lid with identifying numbers on rack

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Catalog No.	Vial Size	Places	Dimensions (L X W X H)	Pattern	Quantity/ Pack
F18849-0000	1.2 - 2.0ml	25	7.6 x 7.6 x 5.1cm (3 x 3 x 2")	5 x 5	8
F18849-0001	1.2 - 2.0ml	81	13.3 x 13.3 x 5.1cm (5¼ x 5¼ x 2")	9 x 9	4
F18849-0002	5.0ml	81	13.3 x 13.3 x 9.5cm (5¼ x 5¼ x 3¾")	9 x 9	4

F18849-0001 can be used with Cryo Tower Storage Systems (F18853-0004 and F18853-0008) to save valuable freezer space. Learn more at sp-belart.com



ProCulture® Mini Cryocooler (-15°C)

Keep Cell Stocks Cold Outside the Freezer

- Clear polycarbonate lid shows positions of tubes; keyed to correspond with positions printed on cooler
- Keeps microcentrifuge tubes or cryogenic vials at a temperature below -15°C for approximately 1 hour
- Use included insert to hold 0.5ml microcentrifuge tubes

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Catalog No.	Vial Size	Places	Dimensions (L X W X H)	Weight	Quantity/ Pack
F18846-0020	0.5, 1.5 or 2.0ml	12	14.5 x 10.0 x 9.5cm (5¼ x 4 x 3¾")	0.7kg (1.5lb)	1



Autoclave
 High Density Polyethylene
 Polycarbonate
 Polymethylpentene
 Polypropylene
 Polyethylene
 Stainless Steel
 Steel

ProCulture® 100mm Petri Dish Rack



Perfect for Use in an Incubator or Fridge

- Silicone holding strips grip each Petri dish; easily insert and remove groups of dishes without disturbing upper/lower dishes
- Side labels provide space for critical sample identification
- 24.1 cm (9½") high size holds 48, 100mm Petri dishes, 36.8cm (14½") high size holds 84, 100mm Petri dishes

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Catalog No.	Color	Height	Quantity/ Pack
F18982-0014	Natural	37cm (14½")	1
F18982-0314	Blue	37cm (14½")	1
F18982-0009	Natural	24cm (9½")	1
F18982-0109	Red	24cm (9½")	1
F18982-0209	Yellow	24cm (9½")	1
F18982-0309	Blue	24cm (9½")	1
F18982-0409	Natural, Red, Yellow, Blue	24cm (9½")	4

ProCulture® 60mm Petri Dish Rack

Portable Rack Holds up to 54 Dishes



- Large center divider has space for labeling; includes carrying handle that does not interfere with samples
- Up to four racks can be stacked together and interlocked to prevent accidental knock over
- Finger access slots in base allow a stack of dishes to be safely removed from rack with a secure grip

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Catalog No.	Places	Dimensions (L X W X H)	Quantity/ Pack
F18991-0060	54	26.7 x 17.1 x 17.1cm (10½ x 6¾ x 6¾")	1

ProCulture® Cryotube Floating Bubble Rack



Incubate Cryotubes in 37°C Water Baths or Beakers

- Excellent for holding cryotubes during work or incubation
- Can be used for quickly thawing frozen cells in 37°C water bath
- Easily remove tubes by holding center handle and pushing rack down against bench until legs touch



Catalog No.	Places	Diameter	Quantity/ Pack
F18876-0020	20	95mm (3¾")	1

ProCulture® Round Microcentrifuge Floating Bubble Rack

Incubate 8 to 20 Microtubes in 37°C Water Baths or Beakers

- Can be used for quick thawing
- Easily remove tubes by pressing rack down on bench
- Has tiny bubbles throughout for additional buoyancy



Catalog No.	Tube Size	Places	Hole Diameter	Fits Beaker Size	O.D.	Quantity/Pack
F18875-0400	1.5ml	8	10.8mm (7/16")	400ml	66mm (2⅝")	1
F18875-1000	1.5ml	20	10.8mm (7/16")	1000ml	95mm (3¾")	1
F18875-1600	0.5ml	20	7.7mm (5/16")	1000ml	95mm (3¾")	1

miVac DNA Small Volume Sample Concentrator

The miVac DNA is an ideal small vacuum concentrator for the molecular biology laboratory, and is capable of removing low volumes of water and organic solvents from a variety of sample formats including tubes, vials, and microplates. To install, simply position the system on the bench, connect the power lead and exhaust tube for faster, trouble-free concentration.

Dimensions mm (in.)	360 x 597 x 300mm
W x D x H	(14.2 x 23.5 x 11.8")
Max. g-Force	250
Vacuum connection	Inbuilt diaphragm pump
Weight	34kg (75lbs)
Temperature range	Ambient, 30°C - 80°C

Key Feature & Benefits:

- Compact size saves valuable bench space
- Built-in high displacement vacuum pump suitable for removing solvents with boiling point below 130°C
- Parameter scan easily set and selected with the user-friendly dial
- Built-in methods for ease of use
- Concentration time and temperature are readily monitored on the large clear display
- Fixed angle aluminum rotor for 1.5ml or 2ml microcentrifuge tubes
- Faster than any other system in its class



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Request a quote - sp-scientificproducts.com/requestquote

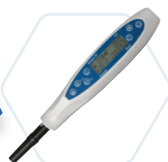
Ancillary Products

Labeling



Product Name	Catalog No.
Captor Pen Holder**	F13373-0000
Cryogenic Storage Labels; Sheets 33 x 13mm for 1.5-2ml Tubes, White	F13491-3301
Cryogenic Storage Labels; Sheets 9.5mm Dots for 0.5-1.5ml Tubes, White	F13491-9501
Cryogenic Storage Labels; Sheets 33 x 13mm for 1.5-2ml Tubes, Assorted	F13491-3302
Cryogenic Storage Labels; Roll of 9.5mm Dots for 0.5-1.5ml Tubes, White	F13492-9501
Cryogenic Storage Labels; Roll of 9.5mm Dots for 0.5-1.5ml Tubes, Assorted	F13492-9502
Cryogenic Storage Labels; Roll of 13mm Dots for 1.5-2ml Tubes, White	F13492-1301

Microbiology



Product Name	Catalog No.
Sterile Cloning Cylinders; 7mm Top x 8mm Bottom O.D., Plastic	F37847-0100
Sterile Cloning Cylinders; 12mm Top x 13mm Bottom O.D., Plastic	F37847-0200
Sterile Cloning Cylinders; Assorted Sizes, Plastic	F37847-0000
Sterile Cloning Discs; 3.2mm Diameter, Paper	F37847-0001
Sterile Cloning Discs; 6.4mm Diameter, Paper	F37847-0003
Colony Replica-Plating Device for Petri Dishes**	F37848-0000
Contact Plate and Petri Dish Reader**	F37861-0000
Hand-Held Colony Counter**	F37862-0002

Racks



Product Name	Catalog No.
Poxygrid® 100mm Petri Dish Dispensing Racks, 33 Places**	F18979-0001
Switch-Grid™ Test Tube Racks** (Interchangeable grids available for tube sizes 10mm-30mm)	F18745-0014
Poxygrid® Pasteur Pipette Can Rack**	F18942-0000
Stainless Steel Pipettor Stand**	H18962-0006
Poxygrid® 250ml Centrifuge Tube Rack**	F19856-0250
Poxygrid® 500ml Centrifuge Tube Rack**	F19856-0500
No-Wire® Cuvette Rack	F18520-0000
Petri Dish Incubation Tray	F18983-0000

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Sample Handling



Product Name	Catalog No.
Flowmi™ 40µm Cell Strainers for 1000µl Pipette Tips**	H13680-0040
Flowmi™ 70µm Cell Strainers for 1000µl Pipette Tips**	H13680-0070
Sterileware® Sterile Sampling Scoops; 60ml, White**	H36902-0000
Sterileware® Sterile Sampling Scoops; 250ml, White**	H36906-0000
Quaverette® Micro-blade Vibrating Spatula; Stainless Steel**	H36718-0000
Bacterial Cell Spreader; Large	F37736-0009
Sterileware® Double-Ended Pestle**	F19911-0001

Sterility



Product Name	Catalog No.
Poxygrid® Bench-Top Biohazard Bag Holder Kit**	F13193-0500
Bench-Top Biohazard Bags	F13166-0001
Benchtop Biohazard Disposal Can with Motion Sensor Lid**	H13194-1011
GHS Labeled Safety-Vented Sodium Hypochlorite (Bleach) Wash Bottles 500ml**	F12416-0015
Safety-Labeled 4-Color 70% Ethanol Wash Bottles 500ml**	F11716-0020
Trigger Sprayers w/53mm Adapters**	F11620-0050
Vacuum Aspirator Collection System with Pump**	F19917-0150
Vakuwash® Cuvette Washer**	F38960-0000
Piezo Electric Gas Lighter**	H15056-0000
Cleanware™ Microscope Optics Cleaning Kit	F17072-0000

Temperature



Product Name	Catalog No.
H-B® Durac® Maximum Registering/Autoclave Bi-Metal Thermometer; -20°C to 150°C**	B61315-0000
H-B® Easy-Read General Purpose Liquid-in-Glass Thermometer; -35 to 50°C, Total Immersion	B60304-0000
H-B® Easy-Read General Purpose Liquid-in-Glass Thermometer; -10 to 225°C, Total Immersion	B60305-0000
H-B® Bluetooth* Thermometer Hygrometer Data Loggers**	B61506-5100
H-B® Durac® 4-Channel Electronic Timer with Whiteboard**	B61700-3700



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