

The Thermo Scientific HyClone Labtainer BioProcess Container (BPC) Systems are for small volume liquid handling applications in bio research and biopharma production.

## Thermo Scientific HyClone Labtainer BioProcess Container Systems

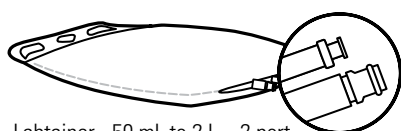
### Overview:

Labtainer™ bags effectively address small volume liquid handling needs. They range in size from 50 mL to 50 L, with a variety of standard configurations to meet most application needs. Labtainers are space saving, ergonomic and constructed of CX5-14 film. Standard product configurations cover a range of industry standard connection systems. Handling systems are available for transport and storage.

### Chamber Details:

#### 50 mL - 3 L

Polyethylene tube ports are welded into the bag seam 2 x 1/4" I.D. ports on standard chamber.



Labtainer - 50 mL to 2 L - 2 port

#### 2 L - 50 L

Polyethylene tube ports are welded into the bag seam 2 x 3/8" and 1 x 1/4" I.D. ports on standard chamber.



Labtainer - 2 L to 50 L - 3 port

### Standard Products:

Standard designs are available to suit a wide range of applications. Details are found on pages 34-35 in the Thermo Scientific HyClone BPC Catalog.



### Chamber Information:

Volume	Empty Bag Dimensions (L x W")	Maximum Volume (NOT for shipping)	Nominal Filled Bag Dimensions (L x W x H")	Liquid filled Shipping Box Dimensions (# of units) (L x W x H")
50 mL	4.6 x 5.4" (11.7 x 13.7 cm)	55 mL	4.6 x 5.5 x .5" (11.6 x 13.9 x 1.2 cm)	N/A
100 mL	5.8 x 5.6" (14.7 x 14.2 cm)	110 mL	5.7 x 5.5 x .5" (14.4 x 13.9 x 1.2 cm)	N/A
250 mL	7.5 x 5.9" (19.1 x 15 cm)	275 mL	7.5 x 5.8 x .75" (19 x 14.7 x 1.9 cm)	N/A
500 mL	10.4 x 6.8" (26.4 x 17.3 cm)	550 mL	10.4 x 6.5 x 1" (26.4 x 16.5 x 2.5 cm)	(4-10) 23.75 x 17.5 x 5.6" (60.3 x 44.4 x 14.2 cm)
1 L	11.7 x 7.9" (29.7 x 20.1 cm)	1.1 L	11.5 x 7.2 x 2" (29.2 x 18.2 x 5 cm)	(1) 15.25 x 11 x 2.9" (38.7 x 27.9 x 7.3 cm)
2 L-2 Port	13.7 x 9.6" 34.8 x 24.4 cm)	2.2 L	13.5 x 8.5 x 2.2" (34.2 x 21.5 x 5.5 cm)	(1) 16.25 x 10.5 x 3.6" (41.2 x 26.6 x 9.1 cm)
2 L-3 Port	11.6 x 12.2" (29.5 x 31 cm)	2.2 L	11 x 12 x 2" (27.9 x 30.4 x 5 cm)	(1) 16.25 x 10.5 x 3.6" (41.2 x 26.6 x 9.1 cm)
3 L	15.5 x 12.3" (39.7 x 31.2 cm)	3.3 L	15 x 11.5 x 2.2" (38.1 x 29.2 x 5.7 cm)	(1) 28 x 11.75 x 5" (71.1 x 29.8 x 12.7 cm)
5 L	14.8 x 13.1" (37.6 x 33.3 cm)	5.5 L	13 x 13 x 4" (33 x 33 x 10.1 cm)	(1) 16.25 x 12.75 x 6.25" (41.2 x 32.3 x 15.8 cm)
10 L	24.5 x 11.8" (62.2 x 30 cm)	11 L	23 x 11 x 4.5" (58.4 x 27.9 x 11.4 cm)	(1) 24.75 x 10.75 x 6.25" (62.8 x 27.3 x 15.8 cm)
20 L	25.8 x 17" (65.5 x 43.2 cm)	22 L	23 x 14.5 x 5.7" (58.4 x 36.8 x 14.6 cm)	(1) 25.25 x 15.25 x 7.75" (64.1 x 38.7 x 19.6 cm)
30 L	32.3 x 21" (82.0 x 53.3 cm)	33 L	30.5 x 19.5 x 5.2" (77.4 x 49.5 x 13.3 cm)	N/A
50 L	32.5 x 23" (82.6 x 58.4 cm)	55 L	28.5 x 21 x 8.5" (72.3 x 53.3 x 21.5 cm)	N/A

## Ordering Information for Standard BPC Products

### Custom BPC Options:

<b>Tubing Type</b>	C-Flex® (clear, white and ADCF), Silicone, PVC, PharMed® or PharmaPure®
<b>Tubing Size</b>	Specific Lengths of 1/8 to 1" (3.18 to 25.4 mm) ID — depending on type of tubing chosen
<b>Connectors</b>	Luer — 1/8 to 1/4" (3.18 to 12.7 mm) ID CPC — 1/4 to 3/4" (6.35 to 19 mm) ID SIP Connector — 1/4 to 3/4" (6.35 to 19 mm) ID Triclamp — 1/8" to 1" (3.18 to 25.4mm) ID Mini-Triclamp — 1/8 to 1/2" (6.35 to 12.7 mm) ID Aseptic Connection Device — All available sizes of Pall™ Kleenpak™ and BioQuate™ DAC
<b>Others</b>	Needle-free sample port (Smartsite® or Clave®) Filter Capsule (Millipore®, Pall, Sartorius™, Domnick Hunter®, Meissner®, Other)
<b>Dip Tubes</b>	None to Full Length; 1/4 to 1/2" (6.35 to 12.7 mm) ID

### Presentation (as dry BPC systems):

<b>Outer Packaging</b>	Supplied 'flat-packed' Two polyethylene outer layers
<b>Label</b>	Description Product code Lot number Expiry date on outer packaging and shipping container
<b>Sterilization</b>	Irradiation (25 to 38 kGy) inside outer packaging
<b>Shipping Container</b>	Durable cardboard carton
<b>Documentation</b>	Certificate of Analysis provided with each lot for each delivery

### Tote with Lid:

Industry standard Rubbermaid™ totes with corresponding lids are available. They can be used to protect Labtainers up to 20 L in size during use, transport and storage.

Description	Part Number	Rubbermaid Part Number	Dimensions	Capacity
Tray	SV50163.01	3508-WHITE	26 x 18 x 6" (66 x 45.7 x 15.2 cm)	32.2 L
Lid	SV50163.02	3502-WHITE	26 x 18" (66 x 45.7 cm)	N/A



### Commercially Available Tray and Rack Systems:

These systems are available from materials handling suppliers. For example, a stainless steel system available from Koch™ Supplies.

Description	Koch Part Number	Dimensions	Capacity
SS Knock Down Cart	2990 2939	20.25 x 28 x 58" (51.4 x 71.1 x 147.3 cm)	300 lbs (136 kg)
SS Tray	3013 1164	18 x 26 x 1" (45.7 x 66 x 2.5 cm)	Use up to 5 trays per cart when using with Labtainers

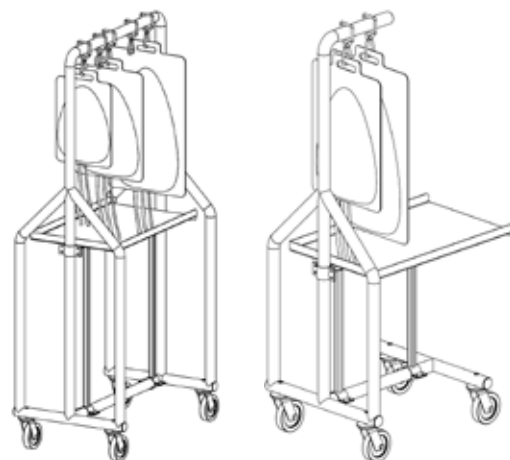
For ordering, contact Koch Supplies, Inc at (800) 456-5624



## Thermo Scientific HyClone Hanging Rack:

Specifically designed for use with Labtainers up to 20 L in size which are held in a hanging position to allow complete drainage by pump or gravity feed.

Part Number	Large Rack	Small Rack	Tray (bolt on)	Height	Width (approximately)
SV50149.01	X			81" (205.7 cm)	37 x 24" (93.9 x 60.9 cm)
SV50149.02	X		X	81" (205.7 cm)	37 x 24" (93.9 x 60.9 cm)
SV50149.11		X		68" (172.7 cm)	26 x 24" (66 x 60.9 cm)
SV50149.12		X	X	68" (172.7 cm)	26 x 24" (66 x 60.9 cm)



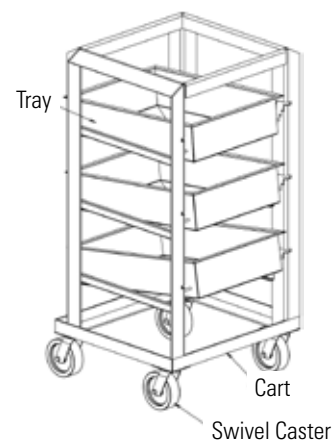
Large Rack with Tray

Small Rack with Tray

## Thermo Scientific HyClone Tray and Rack System:

Specifically designed for use with Labtainers up to 20 L which are held in an inclined position to allow complete drainage by pump or gravity feed.

Part Number	Description	Dimensions
SV50164.01	Tray	26 x 18 x 6" (66 x 45.7 x 15.2 cm)
	Rack	25.4 x 27.7 x 53.8" (64.5 x 70.4 x 136.7 cm)



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