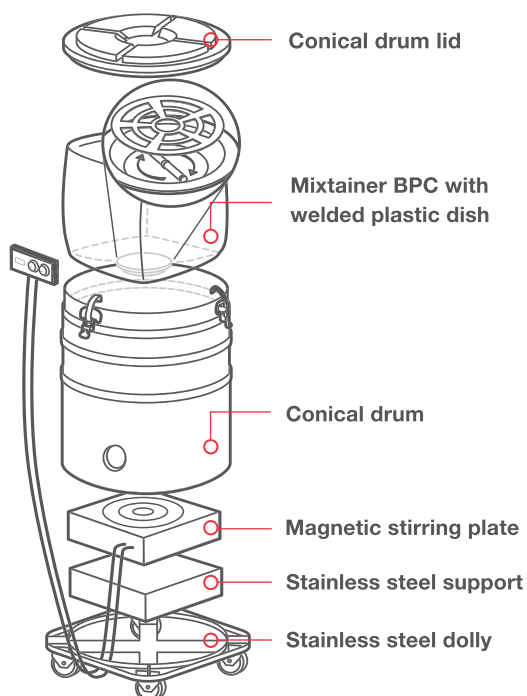


# HyPerforma Mixtainer System

The Thermo Scientific™ HyPerforma™ Mixtainer™ System is an integrated single-use sterile unit designed for optimal mixing of cell culture media, process liquids, buffers, reagents, and bulk product. The HyPerforma Mixtainer System replaces conventional bag technology and mixing in open-tank liners. It is capable of holding, storing, stirring, and suspending sterile fluids in an enclosed environment. Encompassing a single-use Thermo Scientific™ HyPerforma™ Mixtainer™ BioProcess Container (BPC) equipped with an integrated magnetic stir plate, a supporting conical drum, and a dolly to align the components help enable easy mobility, the Mixtainer System provides the ideal solution.

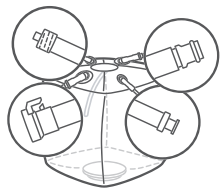


## Key features

- Sophisticated BPC constructed of Thermo Scientific™ CX5-14 film, with a plastic dish welded to the base
- Welded plastic dish containing a magnetic stir bar, held in the proper operating position using an integrated locking ring
- Available in 50, 100, and 200 L unit volumes
- BPCs available for liquid-to-liquid and powder-to-liquid mixing
- Optimized supporting hardware allowing for mixing, storage, transport, and discharge in a closed system to help minimize risk of cross-contamination

## HyPerforma Mixtainer BPC

4 ports, top dispense, powder/liquid mixing



### Line 1

9.5 mm (0.38 in.) quick-connect body with  
16.5 cm (6.5 in.) dip tube  
Tube length: 91 cm (36 in.)

### Lines 2 and 3

6.3 mm (0.25 in.) luer lock insert  
Tube length: 91 cm (36 in.)

### Line 4

9.5 mm (0.38 in.) quick-connect body  
Tube length: 91 cm (36 in.)

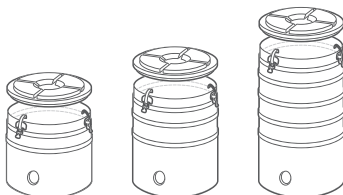
### Port detail

Powder addition port: 38.1 mm (1.5 in.),  
tri-clamp port

Size	Cat. No.
50 L	SH30687.04
100 L	SH30687.05
200 L	SH30687.06

## Conical drum

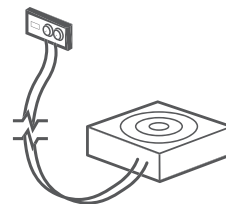
Top dispense, with clamps



Size	Cat. No.
50 L	SV50517.11
100 L	SV50517.12
200 L	SV50517.13

## Magnetic stirring plate

IKAMAG™ motor and support required



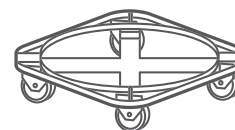
Area	Description	Cat. No.
EU	230 V, 50/60 Hz, 0.5 A	SV30097.01
US	115 V, 50/60 Hz, 1 A	SV30097.02

## Stainless steel support



Area	Cat. No.
EU	SV30097.03
US	SV30097.04

## Stainless steel dolly



Dimensions (D x H)	Cat. No.
Universal: 61.6 x 15.2 cm (24.4 x 6.0 in.)	SV50109.01

## Custom HyPerforma Mixtainer BPC options

	Description
Dip tubes	Specific lengths 6.36–12.70 mm (0.25–0.50 in.) ID
Tubing type	<ul style="list-style-type: none"> <li>C-Flex (clear or white)</li> <li>Silicone</li> <li>PVC</li> </ul>
Tubing size	Specific lengths 3.18–19.05 mm (0.25–0.75 in.) ID
Connectors	<ul style="list-style-type: none"> <li>Luer ID: 3.18–6.35 mm (0.13–0.25 in.)</li> <li>CPC™ ID: 6.35–19.05 mm (0.25–0.75 in.)</li> <li>SIP tri-clamp ID: 6.35–19.05 mm (0.25–0.75 in.)</li> <li>Mini tri-clamp ID: 6.35–19.05 mm (0.25–0.75 in.)</li> <li>Hose barb</li> </ul>
Others	<ul style="list-style-type: none"> <li>Injection port ID: 6.35–9.53 mm (0.25–0.38 in.)</li> <li>Filling bell ID: 6.35 mm (0.25 in.)</li> <li>Filter capsule: Millipore™, Pall™, Sartorius™, Dornick Hunter™</li> </ul>

Note: SIP = steam in place

## BPC presentation

	Description
Outer packaging	Supplied “flat-packed”—two polyethylene outer layers
Label	Description, product code, lot number, and expiration date on outer packaging and shipping container
Shipping container	Durable cardboard carton
Documentation	Certificate of Analysis provided

## System options

Thermo Scientific™ Powdertainer™ II powder feed BPC: Connect a Powdertainer II BPC to the HyPerforma Mixtainer System using a concentric reducer 7.6 cm (3 in.) tri-clamp to 3.8 cm (1.5 in.) tri-clamp. Ordering information for the reducer is shown.

Material	Supplier information
304 stainless steel	Saint Patrick's of Texas: Concentric reducer (3 x 1.5 in.); <a href="http://stpats.com/sanitaryfittings">stpats.com/sanitaryfittings</a> Phone: (512) 989-9727
304 stainless steel	R. T. Process & Supply: Cat. No. 31-14MP-3X1.5-304; <a href="http://rtprocess.com">rtprocess.com</a> Phone: (801) 561-8877
316 stainless steel	R. T. Process & Supply: Cat. No. 31-14MP-3X1.5-316; <a href="http://rtprocess.com">rtprocess.com</a> Phone: (801) 561-8877
Polypropylene	Saint-Gobain (Sani-Tech): Cat. No. TAD300-150; <a href="http://plastics.saint-gobain.com">plastics.saint-gobain.com</a> Phone: (800) 543-8823
Kynar™ material (PVDF)	Saint-Gobain (Sani-Tech): Cat. No. KAD300-150; <a href="http://plastics.saint-gobain.com">plastics.saint-gobain.com</a> Phone: (800) 543-8823

## Ordering information

Description	Cat. No.
<b>HyPerforma Mixtainer BPC</b>	
50 L Mixtainer BPC, 4 ports, top dispense, powder/liquid mixing	SH30687.04
100 L Mixtainer BPC, 4 ports, top dispense, powder/liquid mixing	SH30687.05
200 L Mixtainer BPC, 4 ports, top dispense, powder/liquid mixing	SH30687.06
<b>Conical drum and accessories</b>	
50 L conical drum, top dispense, with clamps	SV50517.11
100 L conical drum, top dispense, with clamps	SV50517.12
200 L conical drum, top dispense, with clamps	SV50517.13
Stainless steel dolly (50, 100, and 200 L)	SV50109.01
Stainless steel support (EU)	SV30097.03
Stainless steel support (US)	SV30097.04
Magnetic stirring plate (EU)	SV30097.01
Magnetic stirring plate (US)	SV30097.02

Find out more at [thermofisher.com/sum](http://thermofisher.com/sum)

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