



Celsius® Logistic Accessories



Transfer Carts

The Celsius® System Transfer Carts are designed to minimize the operator efforts when transferring Celsius®-Pak from and to the Freeze-Thaw Modules. The Transfer Carts have a docking system that perfectly aligns with the bays in the Freeze-Thaw Modules allowing the Celsius®-Pak to easily slide in or out the modules with minimum effort and complete safety for both operator and product. The Transfer Carts are available in two sizes: TC33 with a maximum carrying capacity of 33 L and TC100 with a maximum carrying capacity of 100 L.



Celsius® SSM shipper

The Celsius® SSM can be shipped to remote locations by using the Celsius® SSM Shipper. The shipper provides adequate insulation and refrigeration to maintain all Celsius®-Paks in a maximally or minimally loaded SSM below -30°C for at least 72h during ISTA 7D summer or winter temperature profiles.



Celsius® SSM

The Celsius® Shippable Storage Module (SSM) allows storage of up to 100 L of product in frozen Celsius®-Paks. The Celsius® SSM is mounted on a Celsius® SSM trolley that permits the easy rolling of the module into freezers while allowing removing the SSM for storage. The Celsius® SSM Trolley can also be docked with the Freeze-Thaw module or Transfer Cart for easy transfer of frozen Celsius®-Paks.



The Celsius® Shipper allows shipment of individual Celsius®-Pak to remote locations. The shipper provides adequate insulation and refrigeration to maintain the Celsius®-Pak below -30°C for at least 72h.



Celsius®-Pak Carrier

The Celsius®-Pak Carrier allows processing the Celsius®-Pak 1 L or 2 L in the Celsius® FT16 and FT100 modules. The Celsius®-Pak Carrier can receive up to 8 Celsius®-Paks 1 L or 4 Celsius®-Pak 2 L or a mix of both.



SSM Trolley



Filling Station

The FS16 Filling Station optimizes the logistics of filling and pressurization of the Celsius®-Paks. The elevated mounting platform includes a docking system that allows the perfect aligning of the transfer carts to ensure the easy sliding of the Celsius®-Paks with no efforts for the operator and no risks for the contents. The Filling Station reproduces the placement and pressure of the Freeze-Thaw Modules plates over the Celsius®-Paks optimizing the container shape when filling and pressurizing. The Scale Terminal Controller allows automatic filling process with minimal operator intervention.



Filling Station Insert

The Filling Station Insert allows using the FS16 to fill and pressurize Celsius®-Pak 1 L and 2 L.

Transfer Carts	TC33	TC100
Materials	Type AISI 304 Stainless Steel (Polished)	Type AISI 304 Stainless Steel (Polished)
Dimensions (w × d × h)	30" × 35.5" × 54.6" (76 × 90 × 139 cm)	37" × 54" × 55" (94 × 137 × 139 cm)
Weight	111 lbs (50.4 Kg)	323 lbs (146.5 kg)

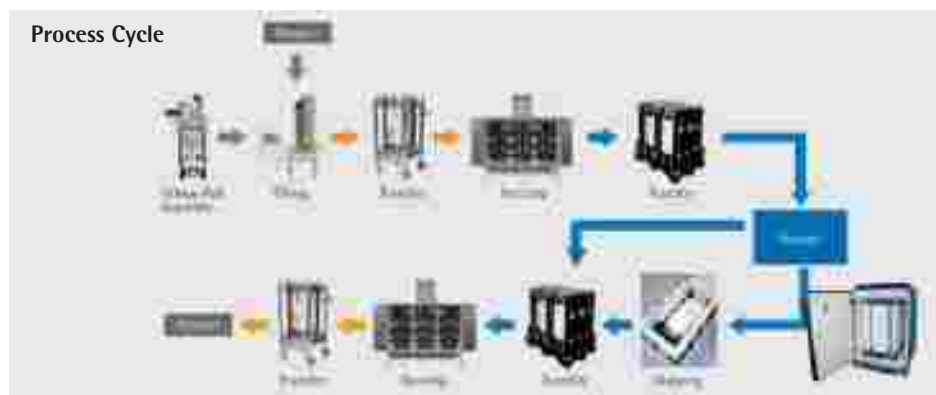
Filling Station	FS16
Materials	Type AISI 304 Stainless Steel (Polished)
Dimensions (w × d × h)	20" × 23" × 53" (50 × 58 × 134 cm)
Weight	250 lbs (114 kg)

Shippable Storage Module	SSM
Materials	HDPE pallet and dunnage, XLPE foam, stainless steel hardware
Dimensions (w × d × h)	80 × 120 × 62 cm (collapsed) 80 × 120 × 127 cm (assembled) 32" × 47" × 25" (collapsed) 32" × 47" × 50" (assembled)
Weight	155 lbs (70 kg) empty, 462 lbs (210 kg) loaded

Celsius® SSM Shipper	
Materials	Aluminum pallet base, LLDPE exterior, fiberglass interior, polyurethane insulation
Dimensions (w × d × h)	48" × 61" × 70" (123 × 156 × 177 cm)
Weight	550 lbs (250 kg) empty, 1619 lbs (735 kg) loaded

Celsius® Shipper	
Materials	Corrugated plastic exterior, HDPE-lined polyurethane foam insulation, polyethylene and polyurethane foam
Dimensions (w × d × h)	33" × 57" × 26" (84 × 144 × 65 cm)
Weight	44 lbs (20 kg) empty, 180 lbs (82 kg) loaded

Part Number	Description
FTH-TC00033-0001	TC33 – Transfer Cart 33 L
FTH-TC00100-0001	TC100 – Transfer Cart 100 L
FTH-FS00016-0001	FS16 – Filling Fixture
FTH-SM00101-0024	Shippable Storage Module
FTH-SM00101-0028	SSM Shipper
FTH-SM00101-0020	SSM Trolley
FTH-SM00101-0027	SSM Insulated Cover
FTH-SM00102-0002	Celsius® Shipper
FTH-CF00004-0020	Celsius®-Pak 1 L and 2 L Carrier
FTH-CF00004-0050	Filling Station Insert for 1 L and 2 L Celsius®-Pak



Sartorius Stedim Biotech GmbH
August-Spindler-Strasse 11
37079 Goettingen, Germany
Phone +49.551.308.0
Fax +49.551.308.3289
www.sartorius-stedim.com

USA Toll-Free +1.800.368.7178
UK +44.1372.737159
France +33.442.845600
Italy +39.055.63.40.41
Spain +34.91.3586102
Japan +81.3.3740.5407
For other countries, please call
Sartorius Stedim Biotech at
+33.4.42.84.56.34

Specifications subject to change
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by Sartorius Stedim Biotech GmbH
W · G
Publication No.: S--2051-e09074
Order No.: 85032-534-56
Ver. 07 | 2009