

Standard Tangential Flow Filtration System (TFF)

Pharmaceutical and
Biopharmaceutical



DESCRIPTION | FEATURES | BENEFITS | SPECIFICATIONS

Standard Tangential Flow Filtration cart using BPES' universal holder offers the ultimate in affordability and flexibility. Holder is directly compatible with MilliporeSigma & Pall UF Cassettes, Sartorius and others can be loaded with optional adapter plates.

MEMBRANE & HOLDER	DESCRIPTION
TFF Device:	Ultra Filtration Cassette
Membrane Manufacture:	Sartorius / MilliporeSigma / PALL
Min/Max Filter Area:	.5m ² to 22m ² (Subject to Filter Membrane Manuf. & Model)
Holder Closure Mechanism:	Manual Hydraulic - Hand Pump
SIP / CIP Capable:	Yes
System Process Connections:	1.5" (40mm) TC Feed & Retentate / 1" (25mm) TC Permeate/Drain
Product Contact Material:	316L SS
Elastomers:	USP Class VI EPDM / Teflon/ Silicone
ID Finish (wetted surfaces):	15ra u-in W/Electro Polish
OD Finish (non-wetted surfaces):	35ra u-in Mechanical Finish
Passivation (wetted surface) :	YES
MAWP:	6.8 Bar (Subject to Filter Membrane Manuf. & Model)
Feed Flow Range:	10-140 LPM
Viscosity	1 cp
Target Flow Rate:	32 lpm @ 60 psig / 64 lpm @ 60psig (TBC by Customer)
Supply Voltage:	230/400 VAC 50Hz or 230/460 VAC 60Hz
Frame Material & Finish:	304L Stainless Steel, 35ra Finish
Area Classification:	Non Hazardous
Enclosure Rating	NEMA 4X
Rating	Washdown
Certifications	CE, UL
Documentation:	1 Hard and Soft Copy Turn-Over-Package (TOP) Provided.

PLEASE CONTACT OUR
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FURTHER DETAILS AND
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