

TANFIL 100 TFF SYSTEM

MULTI-PURPOSE

Tangential flow filtration technique enables concentration and diafiltration at same run.

LESS MEMBRANE FOULING

Feed flows parallel to membrane and thus prevents membrane fouling and increases membrane utility.

EASY SCALE-UP

Use same parameters and conditions from trial to mass production.

PLUG & START

Integrated with pump, liquid reservoir and pressure gauges. Plug the tube, add samples and start processing.

APPLICATIONS

- Concentration and desalting
- Diafiltration and purification
- Buffer exchange and dialysis



SPECIFICATIONS

PERFORMANCE DATA

Max. Inlet Pressure	60 psig
Max. Gauge Pressure	80 psig
Recirculation Flow Rate	0~600 mL/min
Min. Recirculation Vol	7 mL
Reservoir	PES Reservoir, 500 mL
Noise level	55 dB
Net Weight	7.8 Kg
Dimension (LxWxH)	28 x 33 x 16 cm

ELECTRICAL DATA

Power input	100-240V
Frequency	50 / 60Hz
Max. power	50W
Safety	Motor Overload Protection, Fuse

OTHER DATA

Applicable capsules	Pall, Minimate™ TFF Capsules Sartorius, Sartocon Slice 50 Merck, Pellicon® XL 50 Device
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Each unit includes a peristaltic pump, a reservoir, pressure gauges, a magnetic stirrer and tubing.