

Tangential Flow Filtration System



Features

► 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.

► International certification

CE certification
RoHS certification

► One-Year Warranty

Tanfil 100



Applications

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

Ordering Information

184100-01(02)

Tanfil 100, Tangential Flow Filtration System, AC100-240V, 50/60Hz, US plug (EU plug)

203100-01(02)

MS 100, Low Profile Magnetic Stirrer with AC100-240V adaptor, US plug (EU plug)

203100-10

PTFE Magnetic Stirring Bar, Ø 3.6 x 25 mm

184100-47

TYGON® Sani-Tech® Ultra-C Platinum-cured Silicone Tubing, ID 1/8" x OD 1/4", 50 ft

184100-48

Pharmed® BPT Tubing, ID 1/8" x OD 1/4", 25 ft

Specification

Model	Tanfil 100
PERFORMANCE DATA	
Max. inlet pressure	60 psig
Max. gauge pressure	80 psig
Recirculation flow rate	0~600 mL/min
Min. recirculation volume	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, Sartoclon Slice 50 • Merck, Pellicon® XL 50 Device Contact us for capsule compatibility of others.

* Each unit includes a peristaltic pump, a reservoir, pressure gauges, a magnetic stirrer and tubing.