

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

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

MS 100, Low Profile Magnetic Stirrer with AC100-240V adaptor, US/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

Tanfil 100



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 | <ul style="list-style-type: none"> • Pall, Minimate™ TFF Capsules • Sartorius, Sartococon 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.