



ROCKER Tanfill 100 Flow Filtration System Owner's Manual

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ROCKER Tanfill 100 Flow Filtration System



NEW Life Sciences Tangential Flow Filtration System

Features

- Multi-purpose Tangential flow filtration technique enables concentration and defiltration 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)

Tanfil 100 Specification

Model	PERFORMANCE DATA
Max. inlet pressure	60 psig
Max. gauge pressure	80 psig
Recirculation flow rate	0~600 mL/min
Min. recirculation volume	7 mL PES Reservoir, 500 mL
Noise level	55 dB
Net weight	7.8 Kg
Dimension (LxWxH)	28 x 33 x 16 cm
ELECTRICAL DATA	OTHER DATA
Power input	100-240V
Frequency	50 / 60Hz
Max. power	50W
Safety	Motor Overload Protection, Fuse
Applicable capsules	
Tanfil 100	
* Each unit includes a peristaltic pump, a reservoir, pressure gauges, a magnetic stirrer and tubing.	

Product Usage Instructions

1. Make sure the machine is plugged into a power source and switched on.
2. Connect the sample tube to the machine's inlet port.
3. Add the desired samples to the liquid reservoir.
4. Adjust the recirculation flow rate according to the desired concentration/diafiltration rate.
5. Monitor the pressure gauge to ensure that the system is functioning correctly.
6. Once the desired concentration/diafiltration is achieved, stop the machine and disconnect the sample tube.
7. Clean the machine thoroughly before storing it away.

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
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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

Specification

Model	Tinfoil 100
PERFORMANCE DATA	
Max. inlet pressure	60 psig
Max. gauge pressure	80 sprig
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, Miniate™ TFF Capsules • Sartorius, Sartocon Slice 50 • Merck, Pellicon® XL 50 Device <p>Contact us for capsule compatibility of others.</p>

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

Documents / Resources



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