

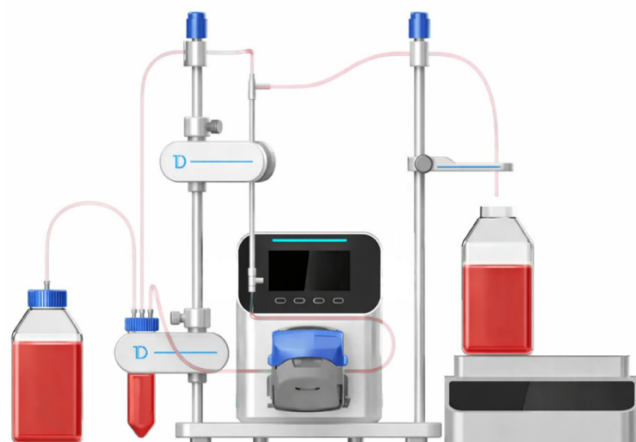
TxFlow™ Go TFF System

Simplest, Scalable Tangential Flow Filtration System

The TxFlow™ Go is a compact tangential flow filtration (TFF) system designed for routine R&D and small-scale sample preparation. Optimized for processing volumes from 0.5 mL to 5 L, it delivers reliable microfiltration and ultrafiltration for advanced therapies including LNPs, mRNA, exosomes, viral vectors, and recombinant proteins.

Simple, scalable TFF in a compact format

- Four operation modes with automated pump stop enable walk-away processing and flexible workflows.
- Gravimetric feedback control provides precise, reproducible results without complex programming or software training.
- Ultra-low hold-up volume (as low as 0.5 mL) maximizes recovery of precious samples and enables high concentration factors.
- Compact footprint (310 × 250 × 211 mm) and lightweight design (4 kg) fits on any benchtop or inside a biosafety cabinet.
- Compatible with hollow fiber filters and flat sheet cassettes, supporting membrane areas from 4 cm² to 0.28 m².
- Patent-pending passive pressure clamp delivers stable TMP control without PID overshoot when paired with TxFlow Path single-use flow kits.



Four operation modes

- **Manual (M):** Select tubing size and flow rate; stop by permeate weight or run time
- **Concentration (C):** Set initial sample weight; auto-stop at target concentration factor
- **Constant Weight (W):** Gravimetric feedback maintains constant retentate volume
- **Diafiltration (D):** Constant-volume diafiltration; buffer addition via vacuum or secondary pump in W mode

System Specifications

Parameters	Specifications
Processing Volume	0.5 mL – 5 L
Compatible Filter Area	4 cm ² – 0.28m ²
Pump Type	Peristaltic pump, 1 – 600 rpm
Pump Speed	Max. 560 mL/min, compatible with #13、 #14、 #16、 #19、 #25 tubing
Display	128mm x 64mm LCD, Touch screen
Dimensions (L × W × H)	310 mm x 250 mm x 211 mm
Weight	4 kg
Enclosure Rating	IP33
Power Supply	110 -240 V
Supply Voltage Range	90-260 Vrms @ 50/60 Hz
Current	2.2A @115 Vrms or 1.1A @230 Vrms
Operating Temperature	0°C – 40 °C (32°F – 104 °F)
Storage Temperature	0°C – 40 °C (32°F – 149 °F)
Humidity (non-condensing)	10% – 90%
Pollution Degree	2

Packing List

List	Part Number	Description	Count
1	2010001	Main pump	1
2	2010002	Power Cables	2
3	2010003	System Stand	1
4	3170003	Scale (6000 g X 0.1 g)	1
5	3030001	RS232 Interface Cable	1
6	4120002	Pressure Clamps	4

Contact Information

tandabiotech.com

Email: inquiry@tandabiotech.com

Phone: +1 (224) 256-1680

