

- Membrane area: 3500 cm<sup>2</sup>
- Fitted with 0.2 µm membrane
- Gamma irradiated
- Clarification - Perfusion - Concentration
- Ideal working volume: 2 - 100 L
- Gentle processing and low shear



## Process development and process intensification

The Vibro-Lab3500S is the ideal equipment for process development and process intensification in both lab and pilot scale. The transparent housing makes it possible to observe the membrane area during process or draining step.

## Continuous separation with Free Flow Plate™ technology

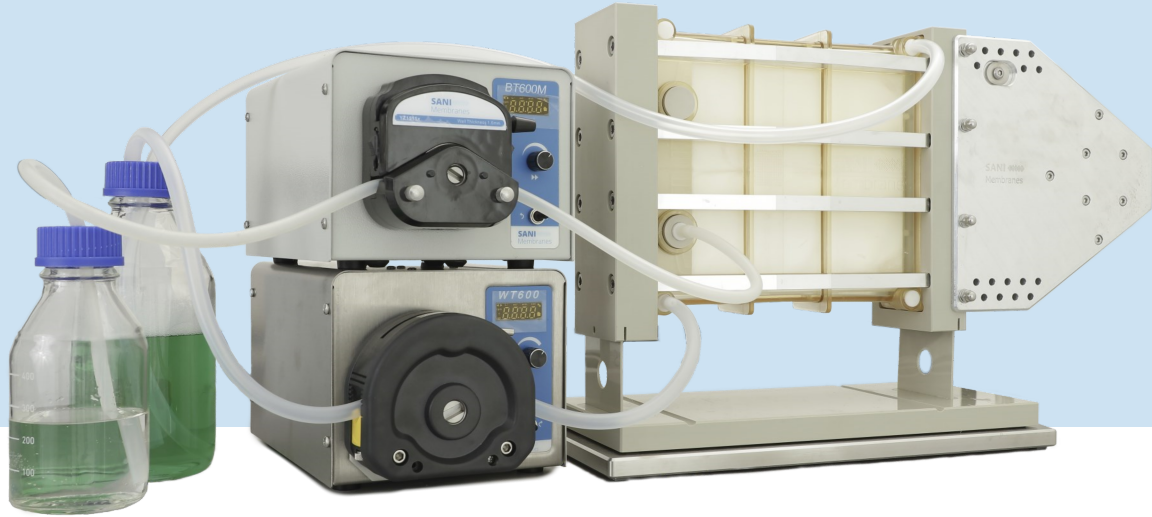
Ideal for scale-up or scale-down

## Simple setup and low energy consumption

No need for crossflow pump, cooling systems, compressed air or vacuum pump/compressor



# Vibro-Lab3500S



The Lab3500S cartridge is compatible with the Vibro-Lab3500 drive.

## Lab3500S Cartridge

### Specification:

Membrane Area	3500 cm <sup>2</sup>
Membrane	Fitted with 0.2 µm membrane
Internal Retentate Volume	Ca. 500 mL, fully drainable
Internal Permeate volume	170 mL, fully drainable
Dimensions (L x W x H)	250 mm x 70 mm x 230 mm
Media Contact Materials*	Polypropylene, Silicon, EPDM & PES, PSU, TPE, All materials are suitable for GMP*
Tubing	Retentate / Feed in (Weldable tubing, ID: 6.35 mm, OD: 11.1 mm) Permeate (Weldable tubing, ID: 3.2 mm, OD: 6.4 mm)
Gamma irradiated	Min. 25 kGy

### Use:

Media Temperature Range	5 - 55 °C
Operating Pressure	0 - 3 bar(g)
pH Range	1 - 13
Viscosity Range, apparent	1 - 1000 cP
Ideal Working Volume	2 - 100 L

## Vibro-Lab3500 Drive

Weight	12.7 kg + damper steel base 8.4 kg
Dimensions (L x W x H)	532 mm x 180 mm x 390 mm
Power Consumption	40 W excl. feed system
Noise Level	< 60 dBA

\* Note: New membranes under implementation, released for customer test & evaluation. Contact Sani Membranes for a detailed material specification / CoC

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