PRODUCT SHEET

SANI Membranes

Vibro-Lab3500

Benchtop Ultra- & Microfiltration – From Screening to Scale-Up

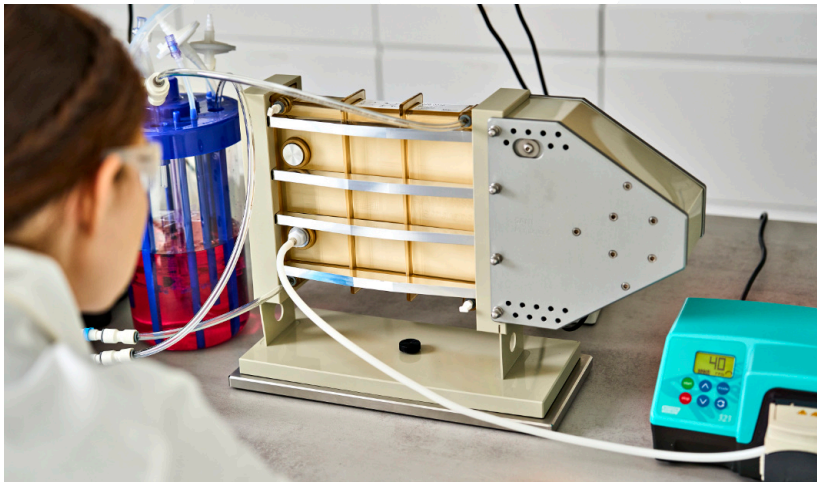
IDEAL FEED VOLUME
2 L – 100 L

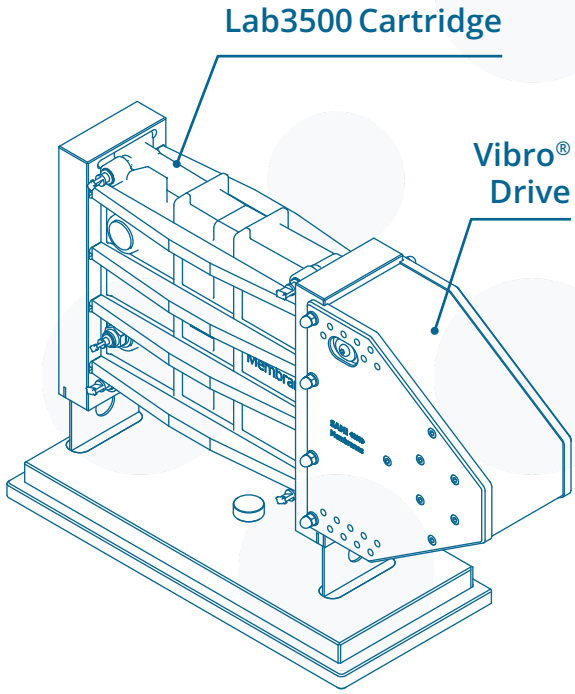
CONFIGURABLE MEMBRANE
From 1 kDa (UF) to 1.2 µm (MF)

MEMBRANE AREA
3500 cm²

From Lab To Production

The Vibro-Lab3500 is the ideal system for advanced process development and scale-up, ensuring a seamless, linearly scalable transition from laboratory to industrial production.





Next Generation Filtration

Sani Membranes' Vibro® Membrane Filtration (VMF) technology is designed to transform pharmaceutical filtration. With its unique vibration-based anti-fouling mechanism, VMF ensures uniform, controllable TMP, low shear, and exceptional performance – all in a compact, fully scalable system.

Purpose-built for continuous and connected bioprocessing, VMF increases product yield, improves process economy, and delivers a flexible, one-stop platform for multiple filtration steps – backed by Danish innovation and uncompromising quality.

VMF Vibro® Membrane Filtration

Sani Membranes A/S
www.sanimembranes.com
CVR No: DK35821015
Ryttermarken 8 | 3520 Farum | Denmark

Contact:

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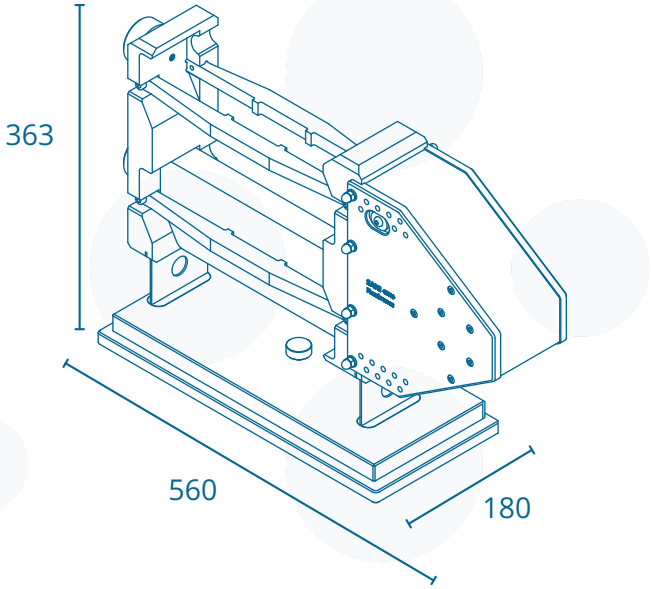
Vibro-Lab3500

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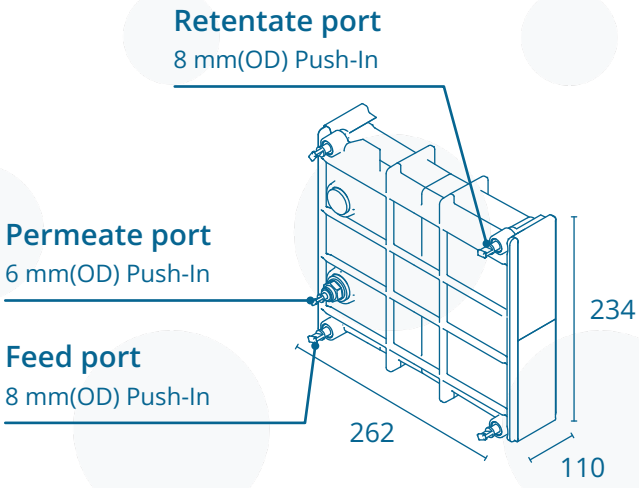
Vibro-Lab3500 Drive

Mechanical Specifications

Weight	12.7 kg + damper steel base 8.4 kg
Power consumption	40 W
Noise level	<60 dBA







Vibro-Lab3500 Cartridge

Mechanical Specifications

Membrane area	3500 cm²
Internal retentate volume	ca. 500 mL
Internal permeate volume	170 mL
Drainable	Yes
Media contact materials	Polypropylene, EPDM, stainless steel, polyurethane, polysulfone, foodgrade biopolymer and membrane material

Operational Range

Operating pressure	0 - 3 bar(g) (temp. dependent)
pH range	1 - 13 (membrane dependent)
Temperature range	5 - 55 °C
Viscosity range	1 - 1000 cP

VMF Vibro® Membrane Filtration

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