

Vibro-Lab280

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



IDEAL FEED VOLUME

100 mL – 4,000 mL



CONFIGURABLE MEMBRANE

From 1 kDa (UF) to 1.2 µm (MF)



MEMBRANE AREA

280 cm²

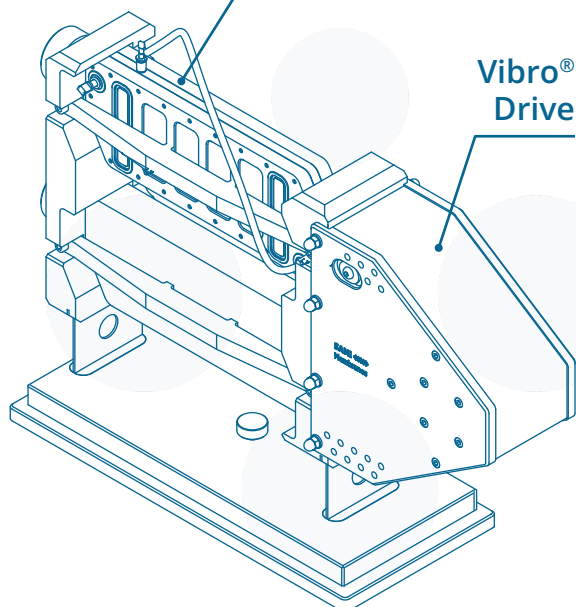
Accelerate Process Development

The Vibro-Lab280 is built for benchtop process development, bridging the gap between early trials and advanced studies. With 1 or 2 cartridges, it meets diverse project needs and supports a wide span of working volumes for flexible experimentation.



Lab280 Cartridge

Vibro®
Drive



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.



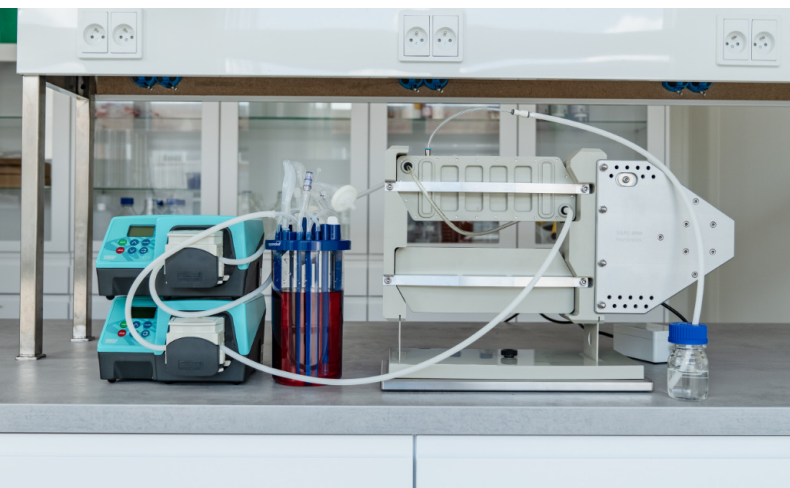
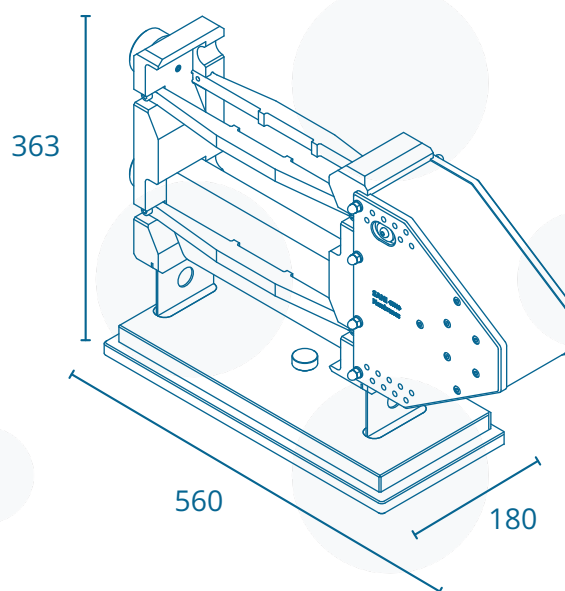
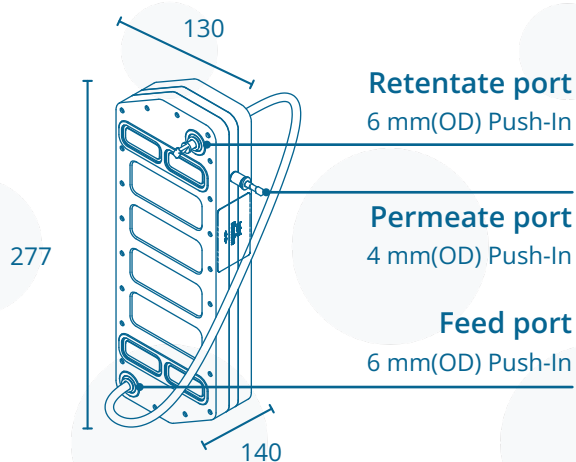
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Vibro-Lab280 Drive

Mechanical Specifications

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



Vibro-Lab280 Cartridge

Mechanical Specifications

Membrane area	280 cm ²
Internal retentate volume	70 mL
Internal permeate volume	7 mL
Drainable	Yes
Media contact materials	Polypropylene, EPDM, stainless steel, polyurethane, biobased polymer and membrane material

Operational Range

Operating pressure	0 - 2 bar(g) (temp. dependent)
pH range	1 - 13 (membrane dependent)
Temperature range	5 - 55 °C
Viscosity range	1 - 1000 cP