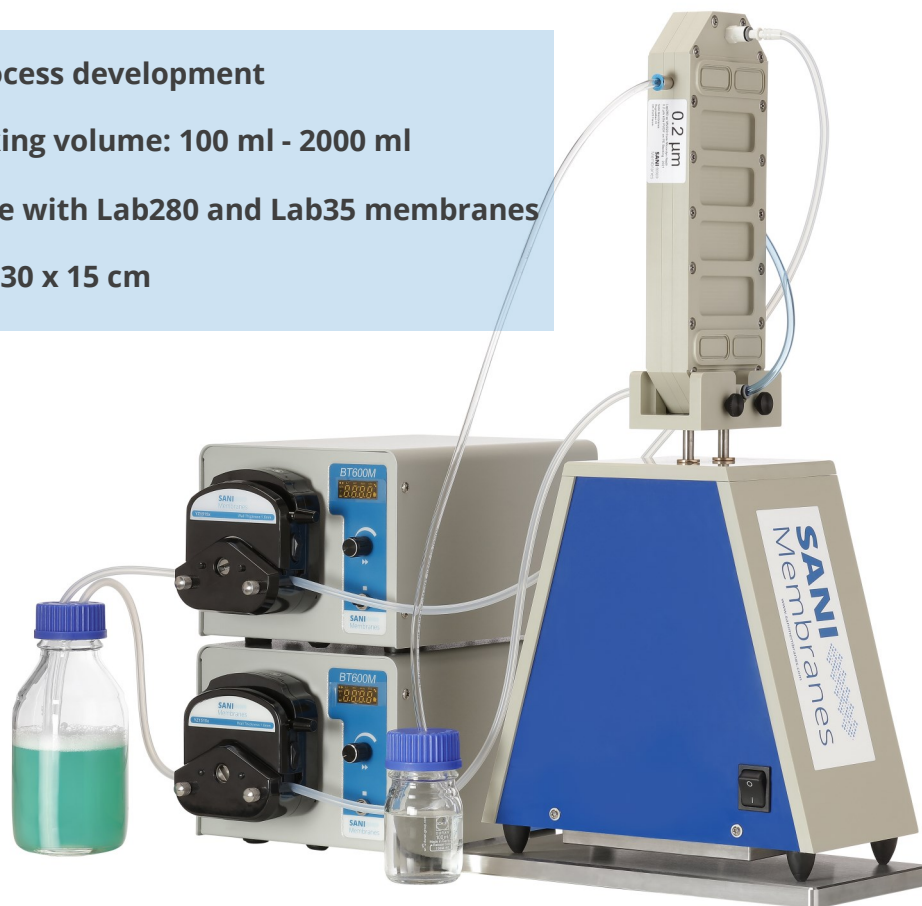


Vibro-LabEV for Lab280 / Lab35 modules Product Sheet

- Simple process development
- Ideal working volume: 100 ml - 2000 ml
- Compatible with Lab280 and Lab35 membranes
- Footprint: 30 x 15 cm



Faster process development

The Vibro-LabEV is the ideal solution for benchtop filtration and process development. The unit fits different sizes of membrane modules: Lab35 and Lab280, giving you a large span in working volume to work with. Filter modules are drainable with working volumes from 8 ml to 64 ml.

Superior Recovery

Reach up to 100% transmission of target molecules - continuous open microfiltration

No Shear and High Concentrations

Gentle product handling is possible as no cross flow pump is needed. The open membrane structure allows for very high concentrations and viscosities.

Easy setup

The simplicity of the technology and the modest footprint of just 30 x 15 cm, means the Vibro-LabEV is easy to setup and fits in labs of all sizes.



SANI 
Membranes

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Vibro-LabEV Unit

Weight	10 kg
Dimensions (L x W x H)	275 mm x 140 mm x 350mm
Power Consumption	240 V, 40 W excl. feed system
Noise Level	< 65 dBA
Drive	Electric

Vibro-LabEV Accessories and Spare Parts

Membrane module	Lab280 or Lab35 membrane module with your membrane of choice
Standard Feed System	Feed pump and retentate pump
Accessory kit	Manometer, manometer console, female adaptor, equal tee, equal tube-to-tube connectors, valves, plug-in barb connectors, all necessary tubing
Base plate	300mm x 150 mm baseplate in polished stainless steel

Membrane module data

	Lab280 membrane module	Lab35 membrane module
Housing material	Polypropylene	Polypropylene
Operating Pressure	0 - 2 bar (temperature dependent)	0 - 3 bar (temperature dependent)
Viscosity Range	1 - 1000 cP (e.g. cream cheese)	1 - 1000 cP (e.g. cream cheese)
Temperature Range	5 - 85°C	5 - 85°C
pH Range	1 - 13 (membrane dependent)	1 - 13 (membrane dependent)
Membrane area	280 cm ²	35 cm ²
Internal retentate volume	70 ml	8 ml
Internal permeate volume	7 ml	Negligible
Dimensions	275 mm x 35mm x 100 mm	150 mm x 30 mm x 50 mm

Lab280 Module Membranes

Membrane type	Cut-off	Membrane Material
UF	1 - 800 kDa	PES, PESH, PVDF, PAN, RC
MF	800 kDa - 0.2 µm	PVDF, PTFE

The unit can be equipped with your membrane of choice. SANI Membranes have a line of standard MF and UF membranes on stock. Most commercially available membranes can be used on request. Please, do not hesitate to contact us with your membrane wishes.