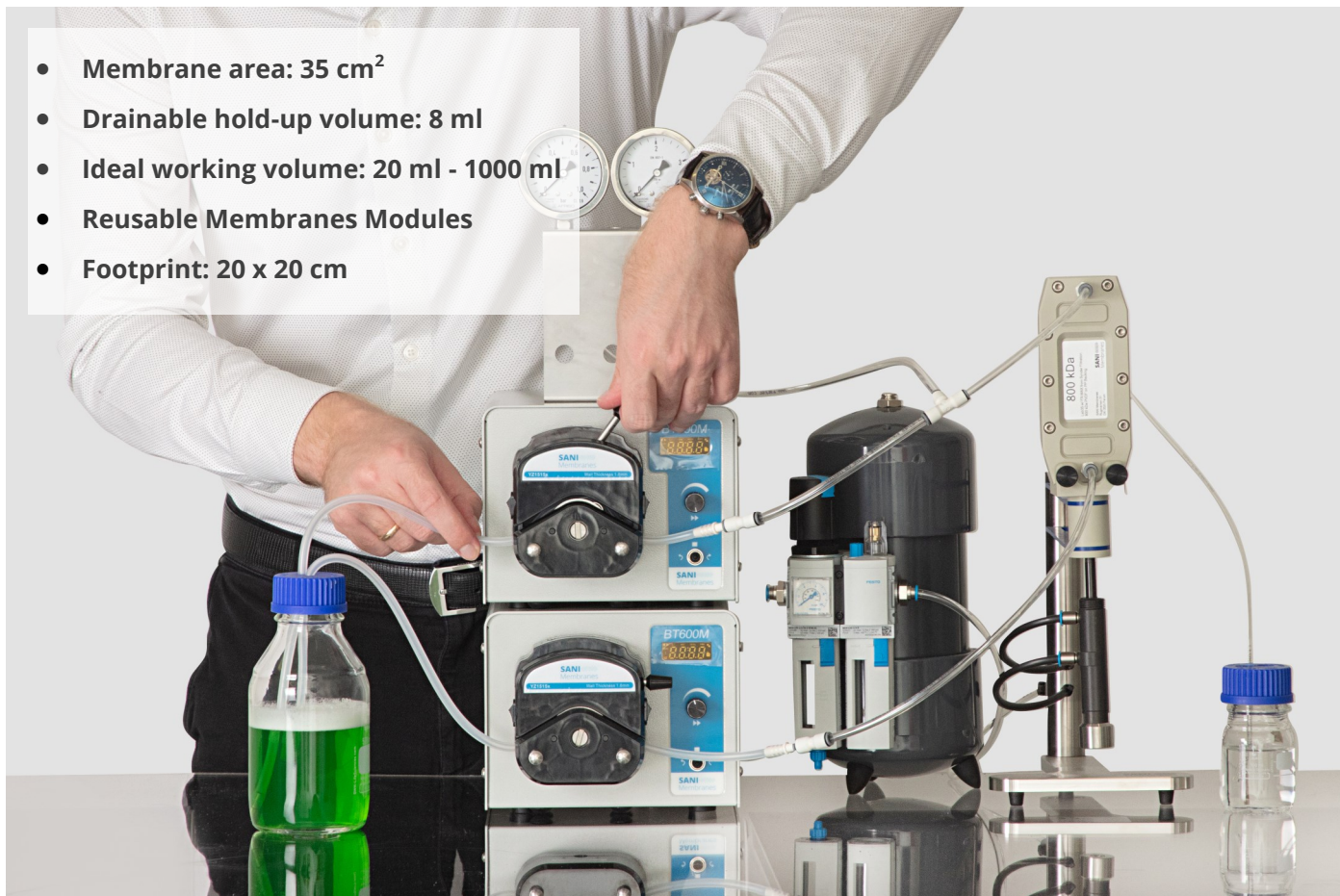


- Membrane area: 35 cm²
- Drainable hold-up volume: 8 ml
- Ideal working volume: 20 ml - 1000 ml
- Reusable Membranes Modules
- Footprint: 20 x 20 cm



Scalable continuous membrane filtration

The Vibro-Lab35P speeds up process development of continuous MF/UF and the system is scalable to our large industrial units.

Small working volumes

The Vibro-Lab35P allows you to do continuous filtration with as little as 20 ml feed.

Easy to understand

The Vibro-Lab35P reduces the complexity of membrane filtration due to the patented Vibro® technology and the Free Flow plates.



Vibro-Lab35P Drive including air pressure regulator w. oilmist and process silencer with air filter

| | |
|------------------------|--------------------------|
| Weight | 2.4 kg |
| Dimensions (L x W x H) | 150 mm x 200 mm x 391 mm |
| Compressed air | 6 bar |
| Noise Level | < 65 dBA |

Vibro-Lab35P Accessories and Spare Parts

| | |
|--|--|
| Lab35 membrane module | Lab35 Membrane Module with your membrane of choice |
| Standard Feed System | Feed pump incl. manometer, valve and all necessary fittings and tubing |
| Standard Feed System with Retentate Pump | Feed pump and retentate pump incl. manometer and all necessary fittings and tubing |
| Air Handling Unit | Air filtering and process silencer with pressure regulator valve Festo 1-10 bar |
| Oil mist filter | Filter element for air filtering |
| Accessory kit | Manometer on stand with all necessary fittings and tubing's |

Lab35 Membrane Module

| | |
|---------------------------|---|
| Generic Design | Free Flow Plate. Polypropylene assembly |
| Membrane Type | Most organic membranes (MF and UF) |
| Membrane Area | 35 cm ² |
| Dimensions (L x W x H) | 50 mm x 30 mm x 150 mm |
| Viscosity Range, Apparent | 1 - 1000 cP (e.g., Cream Cheese) |
| Temperature Range | 5 - 85°C (membrane dependent) |
| Internal Retentate volume | 8.3 ml, drainable |
| Internal Permeate volume | negligible |
| Operating Pressure | 0 - 3 bar |
| pH Range | 1 - 13 (membrane dependent) |

Lab35 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 |

Vibro-Lab35P 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.