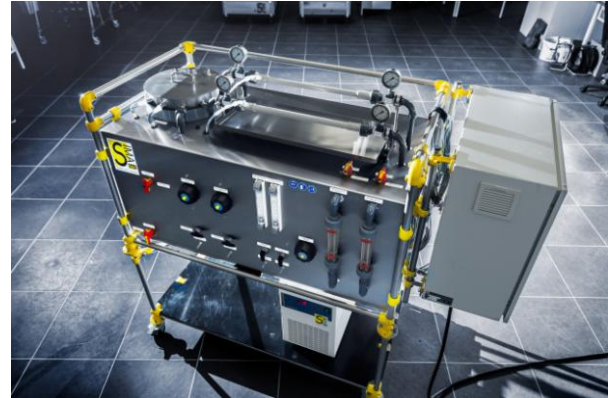


LRO05-2



DIMENSIONS

Dimensions	1400 x 600 x 1500 mm (L x B x H)
Weight	approx. 200 kg
Material (wetted parts)	PVDF / EPDM / PVC / FEP and stainless steel (group 316)
IP protection class	IP 54

ELEKTRICAL DATA

Connection for power supply	400V / 50 Hz / 3-phase / 16 A CEE
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DATA

Storage tank	approx. 25 l (group 316)
2 parallel connected pressure tube for	tubular- and capillary membrane modules
Field of use	UF/MF
Temperature range	up to 60 °C at < 2 bar < 40 °C at 5 bar
Pressure range	0,2 - 5 bar
Flow rate (feed)	up to 1500 l/h
Tempering	via switching point controlled socket

(The specified technical data are maximum values. They do not coincide all at the same time!)

SENSORS	MEASURING RANGE	QUANTITY
Pressure	0 - 6 bar	(4 pieces)
Volume flow (feed) (rotameter)	range 1: 100 – 1000 l/h range 2: 150 – 1500 l/h	(1 piece) (1 piece)
Volume flow (permeate) (rotameter)	1,8 – 16,8 l/h	(2 piece)
Temperature (PT 100)	0 - 100 °C	(1 piece)

FILED OF USE

Comparison of different membrane materials and module sizes

Concentration experiments

Cleanability experiments of membranes

Processing of small amounts of raw materials

Quality control in the production process

Experiments to determine process parameters

Schematic view of LRo05-2

