

LRo04



DIMENSIONS

Dimensions	1250 x 550 x 850 mm (L x B x H)
Weight	approx. 30 kg
Material (wetted parts)	Stainless steel (group 304 + 316) / PVC / PE / EPDM / NBR / FEP / PTFE / PVDF
IP protection class	IP 54

ELEKTRICAL DATA

Connection for power supply	230V / 50 Hz / 16 A CEE
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DATA

Storage tank	approx. 15 l / PE (optional with cooling coil)
PLC-controlled backwash unit*	Filtrate backwash via backwash tank
Available membrane types	Tubular- / ceramic- / hollow fibre membrane
Field of use	MF / UF
Temperature range	5 - 55 °C
Pressure range	1 - 4 bar
Volume flow (feed)**	Centrifugal pump via bypass controllable, max. 3 m ³ /h
Dead volume	approx. 1 l
Connection	Adaptable connections to different module geometries

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

SENSORS	MEASURING RANGE	QUANTITY
Pressure	0 - 6 bar	(2 pieces)
Volume flow (feed) (rotameter)	100 - 1000 l/h	(1 piece)
Volume flow (permeate)* (rotameter)	5 - 50 l/h	(1 piece)
Temperature	0 - 100 °C	(1 piece)

FIELD OF USE

Training and student experiments

Experiments with different membrane materials and / or module geometries

Concentration of test solutions

Cleanability experiments of membranes

* optional available

** optional adjustable impeller pump

Schematic view of LRo04

