

Product data sheet

Testplant: LRo04



DIMENSIONS

dimension	(L x B x H)	1250 x 550 x 850	(in mm)
weight		ca. 60	(in kg)
material		PVC, PVDF, PA, NBR, EPDM and stainless steel (group V2a, V4a)	
(wetted parts)			

ELECTRICAL DATA

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

storage tank	15 L (optional with cooling coil)
Connections	adaptable connections for different modules possible
temperature range	55 °C
pressure range	max. 3,6 bar
flow rate (feed)	centrifugal pump adjustable via bypass max. 3 m ³ /h

The given technical data are maximum values and do not apply all at the same time!

OPTIONS

SPC controlled backwash including permeate backwash vessel	(Option 1)
cooling coil in storage tank (1.4301, V2a)	(Option 2)
Volume flow measurement for permeate	(Option 3)
pressure tube with tubular membrane (suitable für permeate backwash)	(Option 4)
pressure tube with ceramic membrane (suitable für permeate backwash)	(Option 5)
open tubular membrane with dike	(Option 6)

SENSORS

pressure	0 - 6 bar	(2 pieces)
flow rate (feed) (rotameter)	measuring range: 100 - 1000 l/h	(1 piece)
flow rate (permeate)* (totameter)	measuring range: 5 - 50 l/h	(1 piece)
temperature	0 - 100 °C	(1 piece)

* optional available

APPLICATIONS

Training and student experiments

Concentration experiments

Experiments to compare different membrane types and module shapes

Treatment of process water

Experiments on membrane cleaning

Diafiltration experiments

Schematic view of the LRo04

