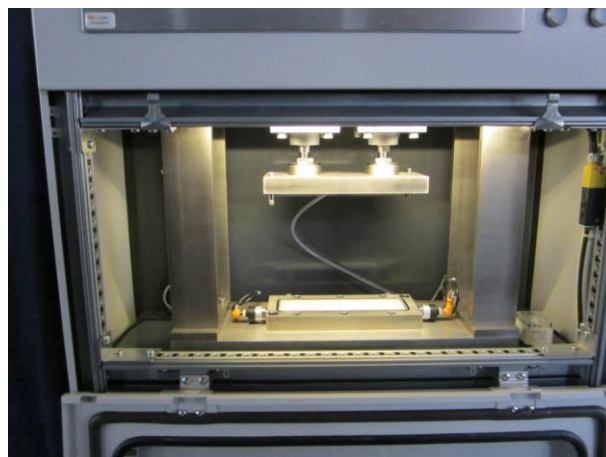


## Production Test Unit



### DIMENSIONS

Dimensions	900 x 600 x 2000 mm (L x B x H)
Weight	approx. 350 kg
Material (wetted parts)	PEEK / EPDM / PVDF / PTFE / FKM / POM and stainless steel (group V4A)
IP protection class	IP 54

### ELEKTRICAL DATA

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

Storage tank	2 pieces (approx. 15 l, group V4A)
Test cell for flat membrane	85 cm <sup>2</sup> (pneumatically operated )
Temperature range	up to 50 °C
Pressure range	0,5 - 5 bar
Flow rate (feed and test solution)	10 – 80 l/h at 5 bar (2 gear pumps)
Cleaning agent	up to 0,9 l/h (hose pump)
Field of use	MF / UF
System control via PLC (type Siemens S7 / Profinet)	Safety shut-offs and dry run protection (p,T) Freely configurable routine files for a wide variety of membrane types

The system control via PLC guarantees an independent and safe system operation.

(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)
	0 – 1 bar	(1 pieces)
	0 – 2,5 bar	(1 pieces)
	0 – 10 bar	(1 pieces)
Refractive index sensor	0 – 10 BRIX	(1 piece)
Volume flow (feed) (magnetic-inductive flow meter)	10 – 90 l/h	(1 piece)
Volume flow (permeate) (magnetic-inductive flow meter)	0,2 – 10 l/h	(1 piece)
Level control (in storage, cycle and rinsing tank)	Guided microwave	(1 piece)
Temperature (PT 100)	0 - 100 °C Temperature compensation included	(1 piece)

## Schematic view of the production test stand

