

CUBE05-VA



DIMENSIONS

Size	40 x 40 x 55 cm (L x W x H)
Weight	approx. 25 kg
Material (wetted parts)	Stainless steel (group 316) / PEEK / FEP / POM
IP protection class	IP 54

ELECTRICAL DATA

Connection for power supply	230V / 50 Hz / 16 A
-----------------------------	---------------------

OTHER DATA

Storage tank	approx. 2.5 l / stainless steel
Cooling coil for storage tank or heat exchange device*	Stainless steel
Test cell	POM / 27 cm ² flat sheet membrane**
Application range	MF / UF and NF / RO (low pressure range)
Temperature range	5 - 60 °C (max. 5 bar)
Pressure range	0 - 5 bar
Flow rate (feed)	Peripheral pump 0 - 60 l/h (max. 5 bar)

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

SENSORS	MEASURING RANGE	QUANTITY
Pressure	0 - 6 bar	(2 pieces)
Flow rate (feed) (rotameter)	50 - 750 ml/min	(1 piece)
Flow rate (permeate)* (rotameter)	1 - 10 ml/min	(1 piece)
Alternative measurement range permeate flow* (glass tube)	4 - 60 ml/min	(1 piece)
Temperature	0 - 100 °C	(1 piece)
SIMA-tec® measurement box incl sensors*		(1 piece)

APPLICATIONS

Screening experiments on customer's site

Experiments with different membrane materials

Concentration of test solutions

Training purposes or practical course

Experiments for membrane cleaning

* optional

** optional: 85 cm² POM or 85 cm² stainless steel

Schematic of the Cube 05-VA

