

Product information

Measuring and control equipment



dinotec
Water & Pool Technology



universal fm 4/2, pressure-resistant measuring cell up to 0.5 bar,
for 2 electrodes (potentiostatic electrode, pH and Rx)
PT1000 and flow measurement, counter electrode stainless steel
(V4A)

Art. no.: 0122-044-01

Short description

Compact measuring cell universal fm 4/2 for 2 probes incl. flow measurement/restriction for sample water return or free drain.

The measuring cell can be used to determine the measured values Cl₂, ClO₂, O₃ or Poolcare, pH, redox and temperature.

Description

Compact measuring cell universal fm 4/2 for 2 probes incl. flow measurement/restriction for sample water return or free drain.

Pressure-resistant compact measuring cell for a potentiostatic probe (such as Cl₂, ClO₂, O₃ or Poolcare), a pH or a redox probe and a PT1000 temperature sensor.

Integrated turbine for recording the sample water flow and for a flow compensation of the potentiostatic measurement. The maximum flow is limited by means of a flow restrictor.

The counter electrode required for potentiostatic measurement is pre-assembled in the compact measuring cell. A sampling valve is integrated in the measuring cup which can be easily unscrewed. The compact measurement cell can be operated under pressure or depressurized.

Technical data

universal FM 4/2

Threaded connection for measuring probes: 2 x PG 13.5

Threaded connection for temperature sensor

PT 1000 with straight fitting: M 12 x 1

Max. pressure: 1.5 bar at 20 °C

Max. sample water temperature: 70°C

Sample water flow: 40 l/h - 120 l/h

Flow restriction: 120 l/h

Sample water monitoring: < 40 l/h

Flow measurement: Sample water turbine with Hall-effect generator

Min. differential pressure: 0.3 bar

Connection supply and drain: sample water hose 6/8mm

Material measuring cell: PP

Material counter electrode: stainless steel V4A

Dimensions (mm): 150 x 240 x 110 (wxhxd)

Application

Sample water is led through the measuring cell, the cell also holds the sensors. Measurement parameters are determined via the sensors.

Supplementary information

An upstream installing of a fiber filter is mandatory to ensure a trouble-free operation. The sample water inlet should be adjusted to approx. 60-80 liters per hour via a ball valve.

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Photos of items may be different.

Do you have any questions? Our hotline will be happy to help.

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Simply enjoy the best water!