

Product information

Measuring and control equipment



dinotec
Water & Pool Technology



universal fm 5/3, pressure-resistant measuring cell up to 0.5 bar,
for 3 electrodes (potentiostatic electrode, pH and OPR),
PT1000 and flow measurement, counter electrode stainless steel
(V4A)

Art. no.: 0122-042-01

Short description

Compact measuring cell universal fm 5/3 for 3 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, Rx and temperature.

Description

Compact measuring cell universal fm 5/3 for 3 probes incl. flow measurement/restriction for sample water return or free drain.

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

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.

Note: Can be used for water with a chloride concentration of less than 500mg/l

Technical data

universal FM 5/3

Threaded connection for measuring probes: 3 x PG 13.5

Threaded connection for temperature sensor

PT 1000 with straight fitting: M 12 x 1

Max. pressure: 10 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: 8 mm plug-in system

Material: PP

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.

dinotec GmbH

Water and Pool Technology
Philipp-Reis-Str. 28
D-61130 Nidderau/Germany

Tel: +49 (6187) 41379-0
Fax: +49 (6187) 41379-90
Hotline: +49 (6187) 41379-72
E-Mail: mail@dinotec.de
Internet: www.dinotec.de

Subject to technical changes. Errors excepted.

Photos of items may be different.

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

Status: 26.04.2023

Simply enjoy the best water!