



CAPBs® set for determination of water quality WQ 10 pH/EC

Part no. P00032

CAPBs® set for determination of water quality

benefits

- Checking and assessing the drinking water quality
- Assessing the system water in heating systems, for example, heating system water analysis as per VDI 2035
- modular extension kit for fast on-site analysis of the water quality like laboratory analyses
- multi-purpose sensor for pH value, electrical conductivity, German hardness, salinity and temperature
- with titrating solution for °dH for chemically treated water or water softened by means of ion exchange
- Robust, modular system case M, suitable for box and shelf system Sor-timo-Boxx
- can be used in conjunction with AFRISO BlueLine measuring instruments, smartphones or tablets as evaluation units
- easy and fast documentation of measured values by means of evaluation app EuroSoft live or BlueLine measuring instrument
- professional PDF measurement report with the following parameters: total hardness, conductivity and pH value as per new German VDI 2035



Application

Determination of German hardness and the TDS value (total dissolved solids in mg/l)

WQ 10: Measurement of pH value, electrical conductivity, salinity and temperature

WQ 11: Measurement of electrical conductivity, salinity and temperature

Description

Complete test set in convenient system case with sensor module CAPBs® sens WQ and all corresponding calibration solutions and sample containers.

Technical Specifications

Dimensions (W x H x D)

sensor module: 43 x 130 x 36 mm

case: 367 x 72 x 316 mm

Weight

CAPBs®CAPBs® Set WQ 10

1.8 kg

Measuring range

Conductivity: 0/50000 µS/cm
 salinity: 0/25000 ppm
 TDS: 0/50000 mg/l
 pH value: 0/14 pH
 temperature: -5/+60 °C

Accuracy

Conductivity: ± 2 µS/cm (0/199 µS/cm)
 Conductivity: ± 5 µS/cm (200/499 µS/cm)
 Conductivity: ± 20 µS/cm (500/1999 µS/cm)
 Conductivity: ± 0.2 mS/cm (2/19.99 mS/cm)
 Conductivity: ± 0.5 mS/cm (20/50 mS/cm)
 TDS: ± 10 mg/l
 pH value: ± 0.01 pH
 temperature: ± 0.5 K

Resolution

Conductivity: 1 µS/cm
 salinity: 0.1 ppm
 TDS: 1 mg/l
 pH value: 0.01 pH
 temperature: 0.1 °C

Versions

Indication of measured values

Conductivity: µS/cm, mS/cm
 salinity: ppm, ppt
 TDS: mg/l, g/l
 hardness: °d, °e, °f, °rH, ppm, mg/l, mmol/l, mol/m³
 pH: pH
 temperature: °C, °F

Scope of delivery

- pH/conductivity sensor CAPBs® sens WQ 10
- calibration solutions for pH value
- calibration solutions for electrical conductivity
- titrating solution for total hardness
- sample containers
- cleaning liquid
- storage liquid
- modular system case M

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-  in-stock items
-  Non-stock items