



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® set WQ 10

1.8 kg

Measuring range

Conductivity: 0/50000 $\mu\text{S/cm}$
 salinity: 0/25000 ppm
 TDS: 0/50000 mg/l
 pH value: 0/14 pH
 temperature: -5/+60 $^{\circ}\text{C}$

Accuracy

Conductivity: $\pm 2 \mu\text{S/cm}$ (0/199 $\mu\text{S/cm}$)
 Conductivity: $\pm 5 \mu\text{S/cm}$ (200/499 $\mu\text{S/cm}$)
 Conductivity: $\pm 20 \mu\text{S/cm}$ (500/1999 $\mu\text{S/cm}$)
 Conductivity: $\pm 0.2 \text{ mS/cm}$ (2/19.99 mS/cm)
 Conductivity: $\pm 0.5 \text{ mS/cm}$ (20/50 mS/cm)
 TDS: $\pm 10 \text{ mg/l}$
 pH value: $\pm 0.01 \text{ pH}$
 temperature: $\pm 0.5 \text{ K}$

Resolution

Conductivity: 1 $\mu\text{S/cm}$
 salinity: 0.1 ppm
 TDS: 1 mg/l
 pH value: 0.01 pH
 temperature: 0.1 $^{\circ}\text{C}$

Versions

Indication of measured values

Conductivity: $\mu\text{S/cm}$, mS/cm
 salinity: ppm, ppt
 TDS: mg/l, g/l
 hardness: $^{\circ}\text{d}$, $^{\circ}\text{e}$, $^{\circ}\text{f}$, $^{\circ}\text{rH}$, ppm, mg/l, mmol/l, mol/m^3
 pH: pH
 temperature: $^{\circ}\text{C}$, $^{\circ}\text{F}$

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