



CAPBs® set for determination of water quality WQ 10



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 Sortimo-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



Application

Measurement of pH value, electrical conductivity, salinity and temperature
Determination of German hardness and the TDS value (total dissolved solids in mg/l)

Versions

| | DG | PG | Part no. | Price (€)* |
|--|----|----|------------|------------|
| CAPBs® set for determination of water quality WQ 10 | H | 4 | 560017 | 562.85 |
| Sensor head pH, CON, SAL, TDS, TEMP | H | 4 | 524353 | 128.54 |
| PH/conductivity sensor CAPBs® sens WQ 10 | H | 4 | M090251310 | 449.65 |
| Conductance calibration solution 1.413 mS/cm 100 ml | H | 4 | 524407 | 12.06 |
| Conductance calibration solution 12.88 mS/cm 100 ml | H | 4 | 524408 | 12.06 |
| Buffer solution pH 4.00 +/- 0.020 (20 °C) 100 ml, red | H | 1 | 524410 | 8.05 |
| Buffer solution pH 7.00 +/- 0.015 (20 °C) 100 ml, green | H | 1 | 524411 | 8.05 |
| Cleaning water 100 ml, screw cover blue | H | 1 | 524412 | 5.47 |
| Electrolyte solution potassium chloride (KCl) 3 mol/l 50 ml | H | 1 | 524405 | 8.37 |
| Titration solution and test beaker for total hardness (0-21 °dH (German hardness)) | H | 1 | 524683 | 26.85 |

* prices plus applicable VAT Blue part no. = in-stock items



Description

Complete test set in convenient system case with sensor module CAPBs® sens WQ 10 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
pH/conductivity sensor CAPBs® sens:

Measuring range

Conductivity: 0/50,000 µS/cm
Salinity: 0/25,000 ppm
TDS: 0/50,000 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 (500/1,999 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

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