

CAPBs® set for determination of water quality WQ



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
- 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
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Versions

	Part no.
CAPBs® set for determination of water quality WQ 10 pH/EC	P00032
CAPBs® set water quality WQ 11 EC	P00134
Sensor head pH, CON, SAL, TDS, TEMP	524353
PH/conductivity sensor CAPBs® sens WQ 10	M090251310
Conductance calibration solution 1.413 mS/cm 100 ml	524407
Conductance calibration solution 12.88 mS/cm 100 ml	524408
Buffer solution pH 4 100 ml, red	524410
Buffer solution pH 7 100 ml, green	524411
Buffer solution pH 10 100 ml, blue	524409

Blue part no. = in-stock items



	Part no.
Cleaning water 100 ml, screw cover blue	524412
Electrolyte solution potassium chloride (KCl) 3 mol/l 50 ml	524405
Titration solution and test beaker for total hardness (0-21 °dH (German hardness))	524683

Blue part no. = in-stock items

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
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
- Titration solution for total hardness
- Sample containers
- Cleaning liquid
- Storage liquid
- Modular system case M