



CAPBs® set for determination of water quality WQ 10



Benefits

- Multi-purpose sensor for pH value, electrical conductivity, German hardness, salinity and temperature



Application

Checking and assessing the drinking water quality directly on site
 Assessing the system water in heating systems, for example, heating system water analysis as per VD 2035
 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	532.00
CAPBs® device	H	4	P00052	349.00
CAPBs® base handle BG 10	H	4	M091000017	175.00
Sensor head pH, CON, SAL, TDS, TEMP	H	4	524353	121.50
Conductance calibration solution 1.413 mS/cm 100 ml	H	4	524407	11.40
Conductance calibration solution 12.88 mS/cm 100 ml	H	4	524408	11.40
Buffer solution pH 4.00 +/- 0.020 (20 °C) 100 ml, red	H	1	524410	7.50

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



	DG	PG	Part no.	Price (€)*
Buffer solution pH 7.00 +/- 0.015 (20 °C) 100 ml, green	H	1	524411	7.50
Cleaning water	H	1	524412	5.10
Electrolyte solution 50 ml	H	1	524405	7.80
	H	1	524683	25.00

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

Description

Complete set in convenient system case with sensor module CAPBs® sens WQ 10 and all corresponding calibration solutions and sample containers. The sensor module allows for simultaneous determination of the pH value, the electrical conductivity and the water hardness (German hardness) with a single measurement. In the case of chemically treated heating water or heating water softened by means of ion exchange, the total hardness is determined with a titrating solution; the determined value can be entered in the corresponding applet of the EuroSoft live app. In addition, the TDS value (total dissolved solids in the water), salinity and temperature can be output. Thanks to automatic temperature compensation and measuring range switching, the conductivity can be measured with a high measuring accuracy.

Technical specifications

Dimensions (W x H x D)

Sensor module: 43 x 130 x 36 mm
Case: 367 x 72 x 316 mm

Weight

1.8 kg

Interface

QR code generator
Bluetooth® Low Energy

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
- Sample containers
- Cleaning liquid
- Storage liquid
- Modular system case M



Technical specifications

Dimensions

W x H x D: 62 x 155 x 42 mm, 45 x 140 x 39 mm

Weight

300 g

113 g

Display

TFT colour display 2.4 "

240 x 320 pixels

Versorgungsspannung

2 x 1.5 V AAA batteries

Supply voltage

Lithium-ion battery (3.6 V/1,600 mAh)

2 x AAA NiMH battery (1.2 V/900 mAh)

Battery or mains

Hours of operation

Depending on CAPBs® sens sensor module used

Interface

QR code generator

Bluetooth® Low Energy

Degree of protection

IP 54 (EN 60529), IP 40 (EN 60529)

IP 54 (EN 60529), IP 40 (EN 60529) with plugged in CAPBs® sens sensor module

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