

pH, ORP and temperature handheld meter

pH/mV selectable scales

Manual and automatic calibration

°C or °F temperature readout

Automatic/manual temperature compensation

Alphanumeric display

Logging up to 100 measures

High accuracy and reliability

Long battery life

Small dimensions

This new portable instrument is the result of more than 35 years B&C Electronics experience in the pH and ORP measuring, now applied to the microprocessor and SMT technology that reduces the dimension of the instrument and makes easy the use.

The instrument takes the advantages of the B&C Electronics technology used in the latest industrial instruments, maintaining the accuracy, the reliability over a long period of time.

The big dimensions of the alphanumeric display assists the operator by sending messages during the various phases of using.

The three key in the front panel feature additional functions when pressed for few seconds.

The installed firmware provides:

- easy access to the main functions,
- operating parameters selection,
- software filter,
- logging and visualization of the measures,
- last calibration date,
- automatic switch off with programmable timing.

Accessories and sensors

SZ 142 - SZ 161 - SZ 1031 Recommended pH sensors

SZ 251 Recommended ORP sensors

SP 51501 - SP 51511 Recommended temperature probes

SZ 952 Standard solution 4,01 pH 250 cc

SZ 954 Standard solution 7,00 pH 250 cc

SZ 956 Standard solution 9,21 pH 250 cc

SZ 961 Standard solution ORP 220 mV 250 cc

BC 922 Portable case for one controller, two sensors and one temperature probe.



Technical specifications

pH electrode (glass/reference)

Zero: ± 2.00 pH

Sensitivity: 80/110 %

Calibration: manual/automatic

ORP electrode

Zero: ± 100 mV

Sensitivity: 80/110 %

Calibration: manual/automatic

pH range: -1.00 / 15.00 pH

Resolution: 0.01 pH

ORP range: -1200/1200 mV

Resolution: 1 mV

Temperature

Input: RTD Pt1000 three wires

Temperature unit: °C/°F

Temperature compensation: manual/auto with RTD

Temperature range: -10.0/110.0 °C - 14.0/230.0 °F

Resolution: 0.1 °C/°F

Zero: ± 2.0 °C - ± 3.6 °F

Manual temperature: 0.0 / 100.0 °C - 32.0 / 212.0 °F

Setup parameters

Sensor type: pH/ORP

Response time 90%: 0/10 seconds

Temperature unit: °C/°F

Auto OFF time: 30/600 seconds

General specifications

Operating temperature: 0/60 °C

Relative humidity: 20/95 % non condensing

Power supply: 9V battery (6LR61 680 mAh)

Battery life: 350 hours approx. (continuous operation)

Weight: 180 g approx. battery included

Dimensions: 125 x 75 x 25 mm

Display: LCD 8x1 characters 11.97 x 4.97 mm

Messages: running on display (title + variable)

Memory type: non volatile EEPROM

Record numbers: 0/99

The technical specifications may be changed without notice