

## **Environmental Tester PCE-PH 25**







**Environmental tester PCE-PH 25** 

pH meter for determining the pH value, the conductivity, the filtrate dry residue / Display of salinity / Determination of sample temperature / IP67 protected ABS housing / Measurement data memory for 50 data sets

The environmental tester provides the user with comprehensive measurement applications. In addition to determining the pH value, the environmental tester also shows the conductivity, the filtrate dry residue, the salinity and the temperature of the sample. The environmental tester is a measuring instrument for mobile measurement. In order to facilitate the most comfortable transport, the environmental tester is supplied with a practical belt clip into which the measuring instrument can be inserted. In contrast to a normal pH meter, there are many possibilities to perform a liquid analysis.

The scope of application ranges from the diagnosis of private aquariums to the examination of water bodies or swimming pools. The measured values can be read directly on the display. In addition, these measured values can be stored directly on the internal measured value memory via the function keys.

- ▶ Robust ABS housing (IP67)
- ▶ Measurement data memory for 50 data sets
- Mobile measuring instrument
- HOLD function
- ▶ Self-calibration possible
- Display of salinity and conductivity

## **Specifications**

Measuring range 0.00 ... 14.00 pH

Resolution 0.01 pH

Measurement accuracy  $\pm$  0.01 pH

pH 7.00, 4.01, 10.01 or pH 6.86, 4.00,

Buffer detection pH measurement

9.18

Temperature compensation pH

Automatically -5 ... 60°C / 23 ... 140°F

measurement

Buffer detection Temperature measuring

range

0.0 ... 60.0°C

± 100 mV at pH 7.00 Offset detection pH electrode

+ 91.7 mV / -108.7 mV at pH 6.86

± 30% at pH 4.00, 4.01, 9.18, and

Slope pH electrode

10.01

Input resistance  $> 1012 \Omega$ 

**Environmental tester: Technical data Conductivity** 

Measuring range  $0 \mu S / cm ... 20 mS / cm$ 

Resolution Minimum 1  $\mu$ S / cm

Measurement accuracy ± 1% of the measured value

Reference temperature 15.0 ... 25.0°C / 59 ... 77°F

Temperature coefficient 0.00 ... 4.00%

**Environmental tester: Technical data TDS** 

Measuring range 0 mg / 1 ... 20.00 g / I

Resolution at least 1 mg / l

Measurement accuracy ± 1% of the measured value

Constant 0.30 ... 1.00

**Environmental tester: Specifications Salinity** 

measuring range 0.0 ... 10.0 ppt

resolution 0.1 ppt

measurement accuracy ± 1% of the measured value

**Environmental tester: Technical data Temperature** 

Measuring range -5.0 ... 60°C / 23 ... 140°F

-5.0 ... 60°C: 0.1°C / 23 ... 140°F:

Resolution 0.

0.18°F

-5.0 ... 60°C: ± 0.5°C /23 ... 140°F: ±

Measurement accuracy

0.9°C

Temperature sensor Thermistor,  $10 \text{ k}\Omega$  at  $25^{\circ}\text{C}$  /  $77^{\circ}\text{F}$ 

unit °C or °F

## More information

Manual

More product info



Similar products



Subject to change

## **General technical data of the Environmental tester**

Power supply 4 x LR44 battery

Automatic shutdown after about 10 minutes of inactivity

Capacity Datalogger 50 records

Ambient temperature 0.0 ... 50.0°C / 32 ... 122°F

Ambient humidity < 95% rh
Casing ABS, IP67

Dimensions 44 x 200 x 25 mm / 1.7 x 7.9 x 1 in

Weight 110 g / < 1 lb