

Water Analyzers

PCE-PH 22

pH pocket pH meter

The PCE-PH 22 is a pocket pH meter which is resistant to water. The pH probe is protected by a removeable hood. It's ideal for quickly testing pH in both the industrial sector or for private use.

- Simultaneous measurement of pH and temperature
- Automatic temperature compensation
- Saves up to 100 values, at the push of a button
- Minimum, maximum and Hold functions
- Automatic shut-off to conserve batteries
- Automatic calibration for pH of 4, 7 or 10
- Large display with graphic bars
- Compact unit
- Water resistant (IP 67)



Technical specifications

Ranges	pH	0 to 14
	Temperature	-5 to +80 °C
Resolution	pH	0.01
	Temperature	0.1 °C
Accuracy	pH	±0.02
	Temperature	±0.8 °C
Calibration	pH	automatic for pH 4, 7 or 10
	Temperature	- - -
Temperature compensation		-5 to +80 °C
Operating conditions		0 to +60 °C / <80 % r.h.
Power		4 AAA batteries 1.5 V (incl.)
Dimensions		186 x 40 mm
Weight		130 g

Contents

PCE-PH 22 with pH electrode, calibration solution pH 4 + pH 7, batteries and user's manual

Model No.	Description
PCE-PH 22	PCE-PH 22 pH meter

Optional accessories

PCE-PH-47 Calibration solution (75 ml bottles), pH 4.01 and pH 7.01



PCE-CM 41

Conductivity meter with two ranges

The electric conductivity meter shows the amount of solid material dissolved in a liquid. Units of measurement are S/cm. The PCE-CM 41 conductivity meter is available with two ranges that guarantee highly accurate readings.

- 2 Ranges with high accuracy
- Automatic calibration at 1413 µS/cm
- Measures conductivity (EC), Total Dissolved Solids (TDS) and temperature
- Solid construction
- Auto shut-off to save batteries
- Probes connect via the BNC connector
- Water resistant (IP 67)



Technical specifications

Ranges	Conductivity	0 to 2,000 µS/cm
		0 to 20 mS/cm
Resolution	TDS	2,000 ppm
		20,000 ppm
Accuracy	Conductivity	±3 % of measurement range
	TDS	±3 % of measurement range
Calibration	Conductivity	1413 µS/cm
	Temperature	- - -
Operating conditions		0 to +60 °C / <80 % r.h.
Power		4 AAA batteries 1.5 V (incl.)
Dimensions		186 x 40 mm
Weight		130 g

Contents

PCE-CM 41, batteries, user's manual

Model No.	Description
PCE-CM 41	PCE-CM 41 conductivity meter

Optional accessories

HI 7031 L Calibration solution (460 ml bottle), 1413 µS/cm



PCE-SM 11

Salinity meter for determining salt content up to 12%

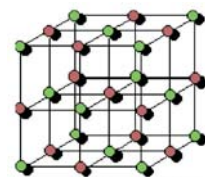
The PCE-SM 11 is a salinity meter for salt content in liquids. The maximum measurement range is 12% of weight with a resolution of 0.01%.

- Measurement range up to 12% of weight
- Automatic temperature compensation
- Minimum, maximum and Hold functions
- Auto shut-off to conserve batteries
- Compact and easy to use
- Powered by 4 AAA batteries
- Water resistant (IP 67)



Technical specifications

Range	0.0 to 12.0 % of weight (weight percentage)
Resolution	0.01 %
Accuracy	±0.5 %
Temperature compensation	automatic for 0 to +50 °C
Power	4 AAA batteries 1.5 V (incl.)
Operating conditions	0 to +60 °C / <80 % r.h.
Dimensions	190 x 40 mm
Weight	171 g



Contents

PCE-SM 11, batteries and user's manual

Model No.	Description
PCE-SM 11	PCE-SM 11 salinity meter



PCE-228PH

pH, Redox and temperature meter with optional RS-232 cable software

The PCE-228PH meter is a handheld device which is very easy to use and suitable for pH / mV / °C measurements. The pH and temperature values can be transferred to a computer via the optional RS-232 cable and PC software which are available as accessories. Temperature compensation can be manual or automatic through the temperature sensor which is included in the delivery.

- Optimal quality / price relationship
- RS-232 interface for data transfer
- Measures pH, Redox and temperature
- Electrode for pH included, PE-03 electrode and temperature electrode
- Manual calibration
- Automatic temperature compensation (through the temperature sensor)
- Optional REDOX electrode



Technical specifications

Measurement ranges	0.00 to 14.00 pH -1999 to 0 to 1999 mV (only with optional REDOX electrode) 0.0 to +100.0 °C (only with temp. probe)
Resolution	0.01 pH 1 mV 0.1 °C
Accuracy (at 20°C)	±0.02 pH ±0.5 mV ±0.5 °C
Calibration	manual at 2 points
Temperature compensation	automatic 0 to +65 °C or manual 0 to +100 °C
Electrode	PE-03 pH electrode, gel-filled, 1 m cable and BNC plug
Interface	RS-232
Software	optional
Power	9 V battery
Operating conditions	0 to +50 °C, max. 80 % r.h.
Dimensions	195 x 68 x 30 mm
Weight	250 g

Contents

PCE-228PH meter, PE-03 electrode, temperature probe, battery and user's manual

Model No. Description

PCE-228PH PCE-228PH pH meter

Optional accessories

PE-03 Spare pH PE-03 electrode
ORP-14 REDOX ORP-14 electrode
SOFT-LUT-B02 Software
RS232-USB RS-232 to USB adaptor
HI 70300L Storage solution, 460 ml
PCE-PH-47 Calibration solution (bottles of 75 ml),
pH 4.01 and pH 7.01
BOX-LT1 Carrying case



PCE-228M

pH meter for food applications with optional cable and software

The PCE-228 M pH meter measures the pH level in foods. You will be able to read pH and temperature values on the large LCD. This pH meter is delivered with a special electrode with a stainless steel probe, which make its introduction into foods, like meat, cold meat or cheese, easier. Temperature compensation can be manual or automatic through its temperature sensor, which is included

- pH electrode with stainless steel slide
- RS-232 interface for data transfer
- Measures pH and temperature simultaneously
- High accuracy
- CPC-OSH-12-01 pH electrode and temperature probe in stainless steel
- Manual calibration
- Automatic temperature compensation
- BNC plug



Technical specifications

Measurement ranges	0.00 to 14.00 pH -1999 to 0 to +1999 mV (only with optional Redox electrode) 0.0 to +100.0 °C (only with temp. probe)
Resolution	0.01 pH 1 mV 0.1 °C
Accuracy (at 20°C)	±0.02 pH ±0.5 mV ±0.5 °C
Calibration	manual at 2 points
Temperature compensation	automatic 0 to +65 °C or manual 0 to +100 °C
Electrode	CPC-OSH-12-01 with stainless steel slide, 1 m cable and BNC plug
Interface	RS-232
Software	optional
Power	9 V battery
Operating conditions	0 to +50 °C; max. 80 % r.h.
Dimensions	195 x 68 x 30 mm
Weight	250 g

Contents

PCE-228M pH meter, CPC-OSH-12-01 electrode, temperature probe, battery and user's manual

Model No. Description

PCE-228M PCE-228M pH meter

Optional accessories

CPC-OSH-12-01 Spare pH electrode
ORP-14 REDOX ORP-14 electrode
SOFT-LUT-B02 Software for PCE-228
RS232-USB RS-232 to USB adaptor
HI 70300L Storage solution, 460 ml
PCE-PH-47 Calibration solution (bottles of 75 ml)
pH 4.01 & pH 7.01
BOX-LT1 Carrying case

PCE-PHD 1

pH, conductivity, oxygen and temperature meter with memory and software

The PCE-PHD 1 pH meter measures the pH value and conductivity. The Instrument is ideal for water quality measurement. The delivery is including a pH probe and a conductivity probe. This instrument is delivered with a pH electrode and a conductivity probe. Temperature compensation can be manual or automatic through its optional temperature sensor.

- measurement pH value and conductivity
- with optional sensor also oxygen and temperature measurement possible
- internal memory for 16,000 values with clock and date
- RS-232 interface
- automatical temperature compensation with optional temperature probe
- Software optional available



Technical specifications

Range	pH	0.00 to 14.00 pH
	EC	0 to 200.0 µS/cm; 0 to 2.000 mS/cm 0 to 20.00 mS/cm; 0 to 200.0 mS/cm
	O ₂	0 to 20.0 mg/l
	Temperature	0 to 60.0 °C
Resolution	pH	0.01 pH
	EC	0.1 µS/cm; 0.001 mS/cm; 0.01 mS/cm; 0.1 mS/cm
	O ₂	0.1 mg/l
	Temperature	0.1 °C
Accuracy	pH	±0.02 pH
	EC	±2 % of measurement range
	O ₂	±0.4 mg/l
	Temperature	±0.8 °C
Calibration	pH	2 points calibration (pH4 + pH7)
	EC	at 1413 µS/cm
	O ₂	in the air
Temperature compensation		0 to 60 °C (with connected Temperature probe)
Temperature probe		stainless steel, optional
Memory		16,000 values
Interface		RS-232
Software		optional
Operating conditions		0 to +50 °C / <80 % r.h.
Power		4 AA batteries (1.5 V)
Dimensions		203 x 76 x 38 mm
Weight		365 g

Contents

PCE-PHD 1 pH / conductivity meter with pH probe and conductivity probe, batteries, carrying case and user's manual

Model No. Description

PCE-PHD 1 PCE-PHD 1 pH / conductivity meter

Optional accessories

SOFT-PCE-PHD Software incl. RS-232 cable
RS232-USB RS-232 to USB adaptor
TP-07 Temperature probe
OXPB-11 Oxygen probe
PCE-PH-47 Calibration solution pH4 and pH7
PCE-CD-14 Calibration solution 1413 µS/cm
NET-300 Power supply (300 mA)