

New portable pH-meter EC-22-pH and EC-27-pH

Phoenix Instrument is proud to present a new generation of portable measuring instruments that combines the highest precision with modern design. Developed for use in both laboratory settings and demanding outdoor conditions, these instruments feature a waterproof construction and a compact, elegant design.

The development of this innovative series has been significantly shaped by a combination of many years of technical experience, valuable input from the field, and the ever-growing demands of users. The result is a well-designed measuring instrument that brings functionality and user-friendliness to the highest level.

A large, high-resolution, backlit TFT display allows for a display of multiple parameters simultaneously. Intuitive operation ensures an efficient workflow, while selected models are equipped with advanced features such as an integrated data logger and a state-of-the-art USB-C interface for easy data transfer to a PC.

EC-22 pH

- High-resolution, backlit TFT display
- Rugged, waterproof design (IP-65)
- DHS function, automatic detection of DHS and analog sensors
- Automatic calibration with up to 3 points, 2 user-defined points
- Automatic ORP 1-point calibration
- Simultaneous display of measured values
- Manual or automatic temperature compensation
- Memory for up to 100 data points
- Supplied in a sturdy carrying case with all accessories

EC-27 pH

- High-resolution, backlit TFT display
- Rugged, waterproof design (IP-65)
- DHS function, automatic detection of DHS and analog sensors
- Automatic calibration with up to 5 points, 2 user-defined points
- Automatic ORP 1-point calibration
- Simultaneous display of up to 4 measured values
- Manual or automatic temperature compensation
- Manual and automatic Data logger, up to 1000 Data
- Individual labeling of measurement data (sensor ID / user ID / sample ID)
- 5 selectable operating languages
- Supplied in a sturdy case with all accessories

2 Jahre Garantie



EC-27 pH



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Available Sets

- EC-22-pH-0 Meter without electrode, incl. Temperature sensor, cable S7/BNC, pH-buffer, carrying case and accessories
- EC-22-pH-1 Meter with pH-electrode 201T, pH-buffer, carrying case and accessories
- EC-22-pH-5 Meter with pH-electrode 201T DHS, pH-buffer, carrying case and accessories
- EC-27-pH-0 Meter w/o pH-electrode, incl Temperature sensor, cable S7/BNC, pH-buffer, carrying case, accessories, Software PC-Link, USB-cable
- EC-27-pH-1 Meter with pH-electrode 201T and pH-buffer, carrying case, accessories, Software PC-Link, USB-cable
- EC-27-pH-5 Meter with pH-electrode 201T DHS and pH-buffer, carrying case, accessories, Software PC-Link, USB-cable



Set with case

Accessories

- 1001612 Power Supply for EC-27pH
- 1000962 Softcase with adjustable shoulder strap
- 1001312 pH-mV Simulator incl. BNC-Cable

Technical data	EC-22 pH	EC-27 pH
Measuring Range (pH)	0.00 – 14.00	-2.00 – 16.00
Resolution (pH)	0.1/0.01	0.1/0.01/0.001
Calibration Points	1-3	1-5
Buffer recognition	USA, NIST and user defined	USA, NIST and user defined
Measuring Range (mV)	±1,000	-1,000...+1,900
Resolution (mV)	1	1/0.1
Measuring Range (T)	0...100.0°C	-10...110.0°C
Resolution (T)	0.1°C	0.1°C
GLP	No	Yes
Calibration alarm	No	Yes
Memory	100 Data	1000 Data
Interface	No	USB-C
IP-Class	IP 65	IP 65
Dimension (mm)	075 x 160 x 45	75x160 x 45
Weight (gr)	320	320
Weight	2 years	2 years

