PHOENIX Instrument
Lab Solutions

Basic Benchtop pH-Meter EC-31 pH and EC-36 pH

In the development of the new EC-31/EC-36 series, a particular focus was put on easy handling during the daily routine.
The high-resolution color display guides the user intuitively through the measurement and calibration process.

EC-31 pH

- high-resolution color display, adjustable brightness
- DHS function, automatic recognition of DHS and analogue sensors
- Display of pH/mV and temperature values
- automatic pH calibration up to 3 points
- automatic ORP 1-point calibration
- selectable stability parameter (low-medium-high)
- automatic and manual temperature compensation
- Protection class IP 54

3 Years
Instrument Warranty





High Resolution Color Display EC-31 pH

Technical Data	EC-31 pH	EC-36 pH
Meas. range	0.00 …14.00 pH	-2.00 … 16.00 pH
Resolution	0.1 / 0.01 pH	
Calibration points	1 ... 3	
Buffer resolution	USA, NIST and user defined	
Measuring range	±1,000 mV	-1,000 … 1,900 mV
Resolution	1 mV	0.1 / 1 mV
Temp. measuring range	0.0 … 100 °C	-10 … 110 °C
Resolution / accuracy	0.1 / ± 0.5 °C	
GLP	no	yes
Calibration alarm	no	yes
Memory	no	1,000 data
Interface	no	Micro USB
IP-class	IP 54	
Dimension	170 x 145 x 60 mm	
Weight	530 g	

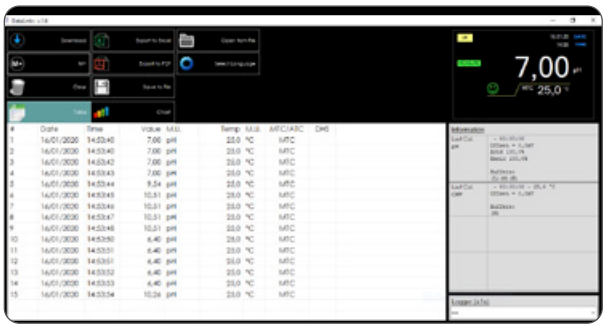
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Additional for EC-36 pH

- GLP functions
- Data logger (automatic or manual) 1,000 data records
- Connection to PC via micro-USB
- free DATA LINK +



DATA LINK +

The software allows remote control of the instrument in measure mode.

It shows all information relating to the instrument and calibrations, data export at the end of the analysis (also in Exel and PDF format) and the display of measurements in the table and in graphic.



3 Years
Instrument Warranty

Available Sets

EC-31-pH-0	Kit without pH electrode, with temperature sensor, cable S7/BNC, pH buffer solution, electrode holder
EC-31-pH-1	Kit includes pH electrode 201T, pH buffer solution, electrode holder
EC-31-pH-5	Kit includes pH electrode 201T-DHS, pH buffer solution, electrode holder
EC-36-pH-0	Kit without pH electrode, with temperature sensor, cable S7/BNC, pH buffer Solution, electrode holder
EC-36-pH-1	Kit includes pH electrode 201T, pH buffer solution, electrode holder
EC-36-pH-5	Kit includes pH electrode 201T-DHS, pH buffer solution, electrode holder

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