PHOENIX Instrument
Lab Solutions

Basic Benchtop Multi Meter EC-31 multi and EC-36 multi

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 multi

- high-resolution colour display, adjustable brightness
- Display of pH/mV, Conductivity/TDS and temperature values
- automatic Conductivity calibration up to 5 points
- 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

Additional for EC-36 multi

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



3 Years
Instrument Warranty

Available Sets

EC-31-multi-0 Kit without pH-electrode, with conuctivity cell 2301T, with standard calibration solutions, Temperature sensor, cable S7/BNC, pH buffer solutions, electrode holder

EC-31-multi-1 Complete kit include pH electrode 201T and cond. Cell 2301T with ATC, both cable length 1m and BNC plug, standard calibration solutions, pH buffer solutions, electrode holder

EC-31-multi-5 Complete kit include pH electrode 201T-DHS and cond. Cell 2301T with ATC, both cable length 1m and BNC plug, standard calibration solutions, pH buffer solutions, electrode holder

EC-36-multi-0 Kit without pH-electrode, with conuctivity cell 2301T, with standard calibration solutions, Temperature sensor, cable S7/BNC, pH buffer solutions, electrode holder

EC-36-multi-1 Complete kit include pH electrode 201T and cond. Cell 2301T with ATC, both cable length 1m and BNC plug, standard calibration solutions, pH buffer solutions, electrode holder

EC-36-multi-5 Complete kit include pH electrode 201T-DHS and cond. Cell 2301T with ATC, both cable length 1m and BNC plug, standard calibration solutions, pH buffer solutions, electrode holde

Technical Data	EC-31 multi	EC-36 multi
Measuring range	0.00 … 14.00 pH	-2.00 … 16.00 pH
Accuracy	0.1 / 0.01 pH	
Calibration points	1 … 3	
Buffer resolution	USA, NIST and user defined	
Measuring range cond	0.00 … 200 mS	
Accuracy cond	0.1/1 µS; 0.01/0.1 mS	
Calibration points	1 … 5	
Selectable cell constant	0.1 – 1 – 10 cm^{-1}	
Temperature meas. range	0.0 … 100 °C	-10 … 110 °C
Resolution / accuracy	0.1 / ± 0.5 °C	
TDS meas. range	0.1 mg/l … 200 g/l	
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	

info@phoenix-instrument.de • Tel. +49 (5131) 90818 -30
Heinkelstr. 4 • D-30827 Garbsen • www.phoenix-instrument.de