PHOENIX Instrument
Lab Solutions

Basic Benchtop Conductivity EC-31 cond and EC-36 cond

In the development of the new EC-31/EC-36 series, 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 cond

- high-resolution colour display, adjustable brightness
- Display of Conductivity/TDS and temperature values
- automatic conductivity calibration up to 5 points
- selectable stability parameter (low-medium-high)
- automatic and manual temperature compensation
- Protection class IP 54

3 Years
Instrument Warranty



EC-31 cond

Additional for EC-36 cond

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

Available Sets

EC-31-cond-0 Kit without cell, with standard calibration solutions, cell holder and accessories

EC-31-cond-1 Complete kit includes cond. Cell 2301T with ATC, cable length 1m and BNC plug, standard calibration solutions, cell holder and accessories

EC-36-cond-0 Kit without cell, with standard calibration solutions, power supply, software PC-Link, USB cable, cell holder and accessories

EC-36-cond-1 Complete kit includes cond. Cell 2301T wit ATC, cable length 1m and BNC plug, Standard calibration solutions, power supply, software PC-Link, USB cable, cell holder and accessories

Modell	EC-31 cond	EC-36 cond
Meas. range conductivity	0.00 … 200 mS	
Accuracy	0.1/1 µS; 0.01/0.,1 mS	
Calibration points	1 … 5	
Selectable cell constant	0.1 – 1 – 10 cm^{-1}	
Temp. 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	

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