Professional Conductivity Benchtop Meter EC-45 cond

The large colored graphic display offers perfect readout and shows all information that you need about measurement, buffers used for calibration, cell condition, GLP information and instrument's memory. Anyone can use this meter easily with its clear menu structure up to 5 languages.

Up to 4 calibration points with buffer recognition. Icon support for all calibration functions and advanced electrode diagnostics. Easy to calibrate.
All functions can be controlled in an intuitive and easy way. The instrument can be delivered with a stirrer.



EC-45 cond

Various sets are available:

EC-45 cond 0	Kit without cond.- cell, standard solution 1413 µS and 12,88 mS, cell holder and accessories
EC-45 cond 1	Kit included conductivity cell Glass-Pt VPT80/1, standard solution 1413 µS and 12,88 mS, cell holder, power supply and accessories
EC-45 cond 2	Kit without, with standard solution 1413 µS and 12,88 mS, cell holder and accessories **with magnetic stirrer**
EC-45 cond 3	Kit included cell Glass-Pt VPT80/1, standard solution 1413 µS and 12,88 mS, cell holder and accessories, **with magnetic stirrer**

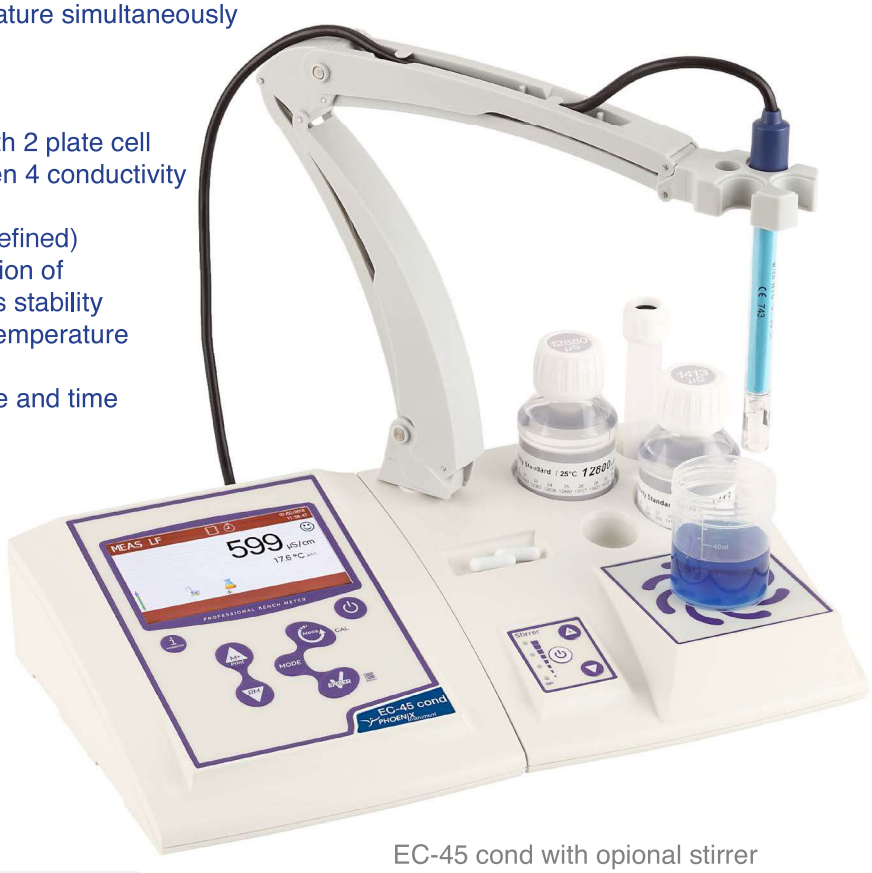
PHOENIX Instrument

Lab solutions

Professional Conductivity Benchtop Meter EC-45 cond

EC-45 cond

- Display COND/TDS, Salinity and Temperature simultaneously
- Resolution: automatic scale
- GLP-conform
- external keypad
- Selectable cell constant allows for use with 2 plate cell
- Automatic calibration 1 to 4 points between 4 conductivity standard values
- Manual-Calibration up to 1 points (User defined)
- Large colored graphic display with indication of Calibration Standards and measurement's stability
- Automatic and manual compensation of temperature with reference value 15...30 °C
- Memory with re-call of last calibration date and time and information of cell constant
- CAL DUE: set of calibration frequency for high quality of measurements
- Non-volatile memory holds up to 1000 data points with date and time Data logger
- 2x USB ports and 1 x RS-232 interface to transfer data and software PC-Link to download data
- Instrument can be delivered with a magnetic stirrer
- IP54 Protection
- 3 years instrument warranty



EC-45 cond with opional stirrer

Technical Data	EC-45 cond
Measuring Range (cond)	0,00 - 20,00 - 200,0 - 2000 µS / 2,00 - 20,00 - 200,0 - 1000 mS
Resolution (cond)	Automatic full scale
Calibration Standards	84, 1413 µS, 12.88, 111.8 mS, User
Calibration points	1…5
Cell constant selectable (cm-1)	0,1 – 1 – 10
Reference Temp. (°C)	15…30
Temperature compensation (%/°C)	0,00…10,00
Measuring Range (°C)	-20,0…120,0
Resolution (°C)	± 0,5
TDS-Measuring Range (g/l)	0…500
TDS-Factor	0.40 … 1.00
Salinity (ppt)	0,01…100
Resistivity (MΩ)	0….20
Memory	1000 Data
Timer	Yes
GLP	Yes
Interface	2 x USB, RS-232
Display	Colored graphic display
IP-Protection	IP 54
Power	Adapter 12 V DC
Weight (g)	1050, without stirrer
Dimension (mm)	165 x 195 x 68 (WxDxH) without stirrer



Magnetic stirrer