

EC-28 multi

Professional portable multimeter with triple power supply (battery, PC, mains) with backlit color graphic display, for excellent visualization, thanks also to the possibility of adjusting the contrast and lighting of the display. Measurement of pH, mV, ORP, Conductivity, TDS, Salinity, Resistivity, Dissolved Oxygen and Temperature.

The online help in setup and calibration allows a simple and immediate use of the device. Simultaneous display of multiple parameters, Automatic pH calibration with USA and NIST buffers up to 5 points and 5 points defined by the user. Automatic ORP calibration 1 point. Automatic calibration of conductivity up to 4 points and 1 point defined by the user. Adjustable reference temperature and selectable cell constant. Automatic O2 calibration up to two points (0% - 100%).

GLP functions: Date and time, display of calibration data and setting of calibration deadline. Data logger with download possibility. Measurement stability indicator and possibility to select 3 stability levels. All operations are constantly monitored and self-diagnosis messages.

The Meter comes with 201 T pH-Electrode, 2301T conductivity cell and polarographic oxygen sensor, built-in temperature sensor and 3 m fixed cable, in a sturdy case.



Kit EC-28 multi

- 3,5" colour graphic display with brightness sensor
- Multiview screen up to 6 parameters
- GLP with password and calibration due
- Internal memory up to 10.000 GLP data
- Alarm thresholds for pH, Titration mode
- Ultra-pure water compensation
- Hold function, Auto-off
- Full screen mode
- Connectors BNC - RCA
- Free software DataLink+, Micro USB
- 3-meter cable sensors
- Selectable cell constant (0,1 - 1 - 10)
- Automatic temperature and barometric pressure and salinity (DO) compensation

Technical data	EC-28 multi
Resolution / Accuracy (pH)	0.1 - 0.01 - 0.001 / ±0.002
Automatic calibration points / custom	1...5 / 5
Recognized buffers	USA - NIST - DIN
Indication of calibration points	Yes, with values
DHS / Indication of electrode status	Yes / Yes
Slope and Offset indication	Yes, date and time of last calibration
Stability criteria of measurement	3 levels (Med - High - Tit)
Acoustic / visual alarms	Yes, LED / sound
Resolution (ORP)	0,1 - 1 mV
Calibration (ORP)	1 point (475 mV)
Resolution / Accuracy (Conductivity)	0,01 - 0,1 - 1 (autom. scale) / ±1 % f.s.
Autom. calibration points / custom	1...4 / 1
Recognized standards	084, 147, 1413 µS / 12.88, 111.8 mS
Indication of calibration points	Yes, with values
Cell Constant	0,1 - 1 - 10
Indication of Cell constant	Yes
Temperature coefficient	0,00...10,00% / °C - ultrapure water
Reference temperature	15,0...30,0°C
TDS factor / Relative accuracy	0.40...1.00 / ±1% f.s.
Salinity / Resistivity	Accuracy ±1% f.s.
Resolution / Accuracy (DO)	0,1 / 1,5 % f.s.
DO range / Resolution / Accuracy	0,0...400,0 % / 0,1 % / 10 %
Auto barometric pressure compensation	YES
Auto salinity compensation	Yes, with Conductivity Cell connected
Resolution / Accuracy (Temperature)	0,1 / ±0,2°C
Temperature calibration	Yes
Automatic Compensation	pH - Cond - DO (0...100 °C / auto or manual)
GLP	Yes
Calibration due	Yes, with lock of measurement
Password	Yes, numeric with 4 digits
Memory	10.000 data
Multiview mode	Yes, up to 6 parameters
Automatic	Yes
Multilanguage setup	ENG - IT - FR - DE - ESP - POR - CHE
Input 3 couples of connectors	BNC - RCA and Banana 4 mm
Output micro	USB
Power	4 batteries AA 1,5 V - AC/DC USB adapter

