



The pH/EC/oxygen meter for water is a professional, portable water quality meter. It has an innovative, high-resolution colour display, with adjustable contrast and brightness that allows you to use the instrument in various weather conditions. The instrument contains a pH, EC and polarographic oxygen electrode with built-in temperature sensor.

The setup and calibration mode contain an integrated manual, for simple and intuitive use of the device. Automatic calibration of conductivity is up to 5 points and 1 point custom defined by the user. Adjustable reference temperature and selectable cell constant. Indication with icons of the calibrated points.

Measuring Range

- pH: -2.00 -20.00 (resolution pH 0.001)
- mV: ± 2000 mV
- EC: 0.01 μ S/cm - 1000 mS (resolution EC 0.01)
- Dissolved oxygen 0.00 - 50.00 mg/l (resolution 0.1 / 1.5 % f.s.)

The product is supplied with a 3-metre cable and accessories in an IP67 waterproof case.

Key Features

- Acidity, conductivity and oxygen measurement
- Portable meter
- Suitable to work in any condition
- High-resolution colour display

Specification

pH	Resolution / Accuracy	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 enabled	Yes
	Indication of electrode status	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
ORP	Resolution	0.1 - 1 mV
	Calibration	1 point (475 mV)



Specification		
ISE	Resolution	0.001 - 0.1 (automatic scale)
	Accuracy	0.5% f.s. (monovalent) / 1% f.s. (bivalent)
	Unit	mg/l - g/l - mol/l
	Automatic calibration	2 ... 5 points
Conductivity	Resolution / Accuracy	0.01 - 0.1 - 1 (automatic scale) / ± 1 % f.s.
	Automatic calibration points / custom	1 ... 4 / 1
	Recognized standards	84, 147, 1413 μ S / 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% / $^{\circ}$ C - ultrapure water
	Reference temperature	15.0 ... 30.0 $^{\circ}$ C
TDS	TDS factor / Relative accuracy	0.40 ... 1.00 / ± 1 % f.s.
Salinity	Accuracy	± 1 % f.s.
Resistivity	Accuracy	± 1 % f.s.
DO	Resolution / Accuracy	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
Temperature	Resolution / Accuracy	0.1 / $\pm 0.2^{\circ}$ C
	Temperature calibration	Yes
	Automatic compensation	pH - Cond - DO (0 ... 100 $^{\circ}$ C / auto or manual)
System	GLP	Yes
	Calibration due	Yes, with lock of measurement
	Memory	10,000 data
	Multiview mode	Yes, up to 6 parameters
	Automatic	Yes
	Multilanguage setup	ENG - IT - FR - DE - ESP - POR - CH
	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

