

Technical Data Sheet

LETZTEST Multimeter pH | EC | Sal. | TDS | Temp. | ORP

Easy to use and robust. This unique multimeter measures all in one device: pH, conductivity, salinity, total dissolved solids (TDS), temperature and the redox potential.



Description

Robust and without the need for additional reagents (tablets, drops, etc.), this electronic meter provides a professional way to measure various water parameters such as conductivity, salinity (dissolved solids), and pH. The determined value is displayed on the device within seconds after immersing it in the sample liquid. However, the sensitive electrodes should always be kept moist. They should be calibrated at regular intervals, preferably before each measurement, using a reference solution. These reference solutions are usually easily obtainable locally. Both the batteries and the electrodes can be replaced. The operating range of the electronic meter is between 0 - 50°C.

Specifications

- Art.: 1165
- Form: Hard Shell carrying case
- Dimensions: 280 x 240 x 75 mm
- Weight: 0,8 kg
- Large LCD Display
- Waterproof and floating on water
- Automatic Temperature Compensation
- °C/°F switchable
- Low battery and consumption indicator. Auto shut off after 10 minutes of non use
- Easy to replace conductivity cell, pH electrode or ORP electrode

Content

- Meter with carrying case; 1pcs
- Instructions; 1pcs
- Separate probes for conductivity, pH, or ORP; 3pcs
- Premixed pH calibration solutions (4.00 and 7.00); 1pcs
- Premixed Conductivity calibration solutions (12.88 mS/cm and 1413 µS/cm); 1pcs
- Soaking solution (3M KCl); 1pcs
- Calibration bottles; 4pcs
- Measuring bottle; 1pcs
- AAA batteries; 4 pcs

Parameters and measurement range

Test Parameter	Measurement Range
Salt	0 - 1000 mg/l - 1.00 - 12.00 g/l
ORP (REDOX)	+/- 1000mV
EC (Electronic Conductivity) (mS/cm)	2.00 - 20.00
EC (Electronic Conductivity) (µS/cm)	0.0 - 2000.0
TDS (total dissolved solids) (ppt=g/l)	1.30 - 13.00
TDS (total dissolved solids) (ppm=mg/l)	0.0 - 1300.0
pH-Value	0.00 - 14.00
Aut. Temp. Comp.	aut. (0 - 90°C / β=2%/°C)
Resolution	0.01 pH - 1 mV

Consumables

Easy to find locally or contact LETZTEST via info@letz-test.com .

Photos

