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Oxygen meter with accessories

18.85



With this oxygen meter with accessories, it is possible to take measurements of dissolved oxygen, saturation percentage and barometric pressure with temperature display.

- (Dissolved) oxygen, saturation percentage and barometric pressure measurement
- Excellent display in all lighting conditions
- Possible to download data to a PC via micro-USB

Description

The oxygen meter with accessories is a professional portable oxygen meter. It is equipped with an innovative high-resolution backlit color display. The possibility of adjusting the contrast and lighting of the display automatically and manually ensures an excellent display in all lighting conditions.

Besides measuring (dissolved) oxygen, it is also possible to measure saturation percentage and barometric pressure with temperature display. The online guide for set-up and calibration allows easy and immediate use of the device.

Automatic calibration of the Oxygen meter is possible up to two points (0% - 100%). In addition, it offers automatic compensation of temperature, barometric pressure and manual salinity. The GLP functions are date and time, display of calibration data and the possibility of setting a calibration period.

The instrument has a measurement stability indicator with the possibility of selecting 3 stability levels. All operations are constantly monitored and reported to the operator via the colored LED above the display and the self-diagnostic messages. There is a manual and automatic data logger with the possibility to download data to a PC via micro-USB.

Set contains

- Oxygen optical sensor with built-in temperature sensor 6.6 foot (2 meters) long cable
- Zero oxygen standard
- AC adapter
- Micro USB cable
- Instructions for use
- Carrying case

Specifications

Oxygen meter with accessories

Measuring range	DO: 0.0 - 50 mg/l (0.01/0.1 mg/l)
Saturation	0.0 - 400% (0.1/1%)
barometric pressure	0 - 1100 mbar
Temperature	14 - 230°F (-10 - 110.0 °C)

pH/EC/oxygen meter set

18.89



Complete set for the measurement of pH, EC and oxygen in water.

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

Description

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 9 foot cable and accessories in an IP67 waterproof case.

pH/EC meter for water

18.88



This comprehensive set with a pH/EC meter for water contains various accessories and comes with a case.

- Conductivity, TDS and Salinity measurement
- Portable conductivity meter
- Suitable to work in any condition
- High-resolution color display

Description

The pH/EC meter for water is a professional portable conductivity meter with innovative high-resolution color display, suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display.

The guide onboard in setup and calibration mode allows a 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.

Measurement stability indicator and possibility of selecting 3 levels of stability. All of the operations and errors are constantly monitored and shown to the operator via the colored LED above the display. Suitable for triple power supply (battery, PC, mains)

Conductivity, TDS, Salinity measurement, with temperature display and possibility to select the parameters you want to view.

Measuring range

- pH: 0.00 - 14.00 (0.01 pH)
- mV: -1000 - +1000 (0.1 mV)
- EC: 0.01 μ S - 200 mS (0.01 μ S - automatic)
- TDS: 0.01 mg/l - 200 g/l
- Temperature: 32... 212°F (0... 100.0 °C)

For a complete list of specifications, please download the brochure.

Specifications

pH/EC meter for water

Power supply (PH7 meter)	Battery, PC, mains
Measuring range EC (EC electrode)	0.01 μ S ... 200 mS (0.01 μ S - automatic)
Measuring range TDS (EC electrode)	TDS: 0.01 mg/l ... 200 g/l
Measuring range pH (pH electrode)	pH 0.00 ... 14.00 (0.01 pH)
Measuring range mV (pH electrode)	mV -1000 ... +1000 (0.1 mV)
Measuring range temperature (pH electrode)	Temperature 32...212°F (0 ... 100.0 °C)

EC meter set for soil

18.87



This professional and portable conductivity meter has an innovative high-resolution color display. The Electrical Conductivity (EC) meter is ideal for taking measurements in the field.

- Portable meter for electrical conductivity, TDS and salinity
- Easy to select the parameters you want to show
- Temperature display
- Suitable for triple power supply: battery, PC, mains
- Measurement of conductivity, TDS, and salinity

Description

This Electrical Conductivity (EC) meter is a portable and user-friendly instrument to measure EC in the field. The onboarding guide in setup and calibration mode allows a simple and intuitive use of the device. The EC is an indication of the amount of salts dissolved in water. As the concentration

of salt may be a limiting or stimulating growth factor, or an indication of soil pollution, it is essential to establish the EC.

The EC meter features automatic calibration of conductivity to 5 points and 1 point defined by the user. Reference temperature and selectable cell constant are easy to set. The meter is equipped with an indicator of the stability of the measurement and possibility to select 3 stability levels.

All operations and errors are constantly monitored and shown to the operator via the colored LED above the display. The VPT Soil conductivity cell with built-in temperature sensor, C=1, for ground measurement, 4.9 foot (1.5-meter-long) fixed cable with BNC and Cinch connector. Field 10 μ S-50 mS.

Applications

- Measuring the EC in soil, meat or other non-fluid substances

Set contains

- PH7 meter
- VPT soil conductivity cell
- USB cable
- Manual
- Carrying case

Specifications

EC meter set for soil	
Measuring range pH	0.00 - 14.00 (0.1 - 0.01pH)
Measuring range mV	1000 - +1000 (1 mV)
Measuring range EC	meter: 0.1 μ S - 200 mS (0.01 μ S) sensor: field 10 μ S - 50 μ S
Measuring range TDS	0.01 mg/l - 200.0 g/l
Measuring range temperature	meter: 32 - 212°F with 0.2°F accuracy sensor: 32 - 140°F / meter: 0 - 100°C with 0.1°C accuracy sensor: 0 - 60°C
Power supply	battery, PC, mains
Sensor measuring range EC	Field 10 μ S ... 50 mS.
Sensor measuring range temperature	32 ... 140°F (0 ... 60°C)

pH meter set for soil and water

18.86



The pH meter for soil and water is a professional portable pH meter with a clear color display. The meter is suitable for measuring in a range of pH between 0-14 pH and a temperature range of 32 to 176 °F (0 to 80 °C).

- Contrast and brightness of the display can be adjusted manually
- Measurement of conductivity, TDS, and salinity
- Temperature display
- Possibility to select the parameters you want to show
- Suitable for triple power supply: battery, PC, and mains

Description

This innovative and professional portable pH meter has an innovative high-resolution color black light display. The pH meter is suitable for use in all conditions, partly due to the possibility of adjusting the contrast and brightness of the display automatically and manually.

The built-in guide in setting and calibration mode enables simple and intuitive use of the device. The device features automatic pH calibration with USA and NIST buffers up to 3 points and 2 user-defined points. In addition, the product is equipped with automatic ORP calibration in 1 point. The pH meter is provided with an Indicator with icons of the calibrated points. This meter also has an indicator for the stability of the measurement and the possibility of selecting 3 stability levels. All operations and errors are constantly monitored and shown to the operator via the colored LED above the display.

pH measurements

The interaction of various acids, bases and salts determines pH. Where pH is low, this affects the growth of most crops negatively. The pH of soil and groundwater are therefore important criteria in the selection of plant material, the amount of fertilizer to apply or the environmental measures to be taken.

Applications

- Agriculture
- Treatment of waters and wastewaters (sewerage)
- Hydroponic crops and aquariums
- Environmental monitoring
- Swimming pools and thermal centers
- Food and beverage

- Cooling towers
- Galvanic - graphics industry
- Education

Set contains

- pH7 meter with electrode
- Colored buffer solution of pH
- USB cable
- Manual
- Carrying case

For the full list of specifications, please download the brochure

Specifications

pH meter set for soil and water

pH Measuring range	0 ... 14,00
Resolution / Accuracy	0.1, 0.01 / +0.02
Calibration points	1...3 automatic + 2 custom
Recognized buffers	USA, NIST
mV Measuring range	-1000 ... +1000
Resolution	1
ORP Calibration points	1 point = 475 mV
Temperature Measuring range	0...212°F (0,0...100,0 °C)
IP protection	IP57
Resolution / Accuracy	0.2 / ± 0.9°F (0,1 / ± 0,5°C)
Temperature compensation	0...212°F (0,0...100,0 °C)
Dimensions / Weight	7.3 x 3.4 x 1.8 in 185 x 85 x 45 mm / 400 g

Infrared Turbidity meter TB 211 IR

13.55



The infrared turbidity meter TB 211 IR is used for measurement by the intensity of the scattered light at an angle of 90 degrees, digital readout. The measuring range of this turbidity meter is 0.01-1100 TE/F or FNU/NTU. The set is supplied in a handy case.

- USB interface
- Range 0.01 - 1100 NTU
- Measurement according to EN ISO 7027
- Measurement with infrared light at an angle of 90°

Description

This compact infrared turbidity measuring instrument TB 211 IR is ideal for fast and accurate on-site analysis. The meter is easy and quick to use and it is an accurate instrument for determining turbidity.

It is measured as provided in EN ISO 7027, the scattered light at an angle of 90°. The wide measuring ranges from 0.01 to 1100 TE / F = NTU = FNU with a detection limit of 0.01 NTU, allows the use of the device in different areas, from drinking water to wastewater.

Since the measurements are made by means of infrared light, both colored and collarless water samples can be measured. A direct transfer of the measurement results to a PC is through the USB interface TB 211 IR easy to set up. The necessary USB cable is already part of the delivery.

Applications

- General water Control/Treatment
- Drinking Water Control/Treatment
- Pool Water Control/Treatment

Set contains

- Instrument in carrying case
- 4 turbidity standards (< 0.1, 20, 200 and 800 NTU)
- 9V battery
- Vials (ø 0.95 in (24 millimeter)) with lids (2 pieces)
- USB cable 4.9 feet (1.5 meters)
- Warranty information
- Certificate of Compliance
- Instruction manual

Specifications

Infrared Turbidity meter TB 211 IR

Optics	Temperature compensated LED ($\lambda = 860 \text{ nm}$) and photosensor amplifier in waterproof sample chamber, infrared light
Accuracy	$\pm 2.5 \%$ of reading, or $\pm 0.01 \text{ NTU}$, whichever is bigger, in the range of $0.01 - 500 \text{ NTU}$; $\pm 5 \%$ of reading in the range of $500 - 1000 \text{ NTU}$
Operation	Polycarbonate membrane, splash proof
Display	Backlit LCD
Suitable Vials	Round Cuvettes 0.95 in (24 mm)
Interfaces	Micro USB
Measuring Principle	Nephelometric (90° scattered light)
Measuring Range	0,01-1100 NTU (Auto range)
Internal Storage	Internal ring memory for 125 data sets
Clock	Real Time Clock and Date
Environmental Conditions	$41 - 104^\circ\text{F}$ ($5 - 40^\circ\text{C}$) at $30 - 90 \%$ relative humidity (non-condensing)
Dimensions	4.3 x 2.2 x 7.5 in / 110 x 55 x 190 mm
Weight	0.88 lbs (400 g) (basic unit)

Pocket pH tester

18.80



Quickly measure the pH of water with this waterproof pocket tester.

- IP 67 waterproof
- Easy set-up and calibration
- 3 buttons to manage all functions

Description

With microprocessor. The pocket pH tester is very durable, thanks to the interchangeable combined electrode. The large LCD display has 3 colors to indicate the buffers used for calibration and measurement stability.

The measuring range is from pH -2 to 16, with a resolution of 0.01 pH.

The set includes:

- Tester
- 1x25ml buffer solution pH 7
- 1x25ml buffer solution pH 4
- 1x10ml storage solution
- carry strap
- paper tissues
- quick manual
- 4 x 1.5V AAA batteries

Specifications

Pocket pH tester	
Unit	°C/°F
Temperature measuring range	-58 to 122°F
Buffers auto recognition	5 USA buffers
Weight	3.88 oz
Dimensions, diameter x length	1.57 x 7.87 in
Battery life	> 200 hours

Pocket EC tester

18.81



Waterproof pocket tester for the quick measurement of the EC value of water. Measures conductivity, TDS and salinity.

- IP 67 waterproof
- Replaceable sensor
- Color indication of buffers solutions

Description

The interchangeable combined electrode makes this pocket EC tester a durable instrument for reliable measurements in the field. It has a microprocessor, and a 3-colour LCD display to indicate the buffers used for calibration and measurement stability.

Measuring ranges:

- EC: 0 - 200 μ S, 0 - 2000 μ S, 0 - 20 mS
- TDS: 0.1 ppm - 10 ppt
- Salinity: 0.01 - 10 ppt
- Temperature: 0.0 - 50.0 (0.1 $^{\circ}$ C)

The set includes:

- Tester
- 1x25ml standard solution EC 1413
- 1x25ml standard solution EC 12880
- carry strap
- paper tissues
- quick manual
- 4 x 1.5V AAA batteries

Specifications

Pocket EC tester

Unit	$^{\circ}$ C/ $^{\circ}$ F
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Temperature measuring range	-58 to 122 $^{\circ}$ F
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Pocket EC tester

Buffers auto recognition	84 μ S/1413 μ S/12.88 mS
Weight	3.88 oz
Dimensions, diameter x length	1.57 x 7.87 in
Battery life	> 200 hours

Pocket pH/EC tester - waterproof

18.82



The Pocket pH meter is a convenient and small device for measuring pH value, conductivity and temperature. This practical pocket pH meter has a waterproof classification of IP67.

- Wide LCD display
- Indication of calibration points
- Stability indication
- Automatic temperature compensation
- 1...2 calibration points

Description

The Royal Eijkelkamp pH-meter, conductivity meter and thermometer is small and easy to carry, as well as IP67 waterproof. This device has a microprocessor and interchangeable combined electrode with high durability.

The meter is equipped with a large LCD display with three colors, which indicates the buffers used for calibration and measurement stability. The meter has an accuracy of ± 2 % full scale.

Applications

- Agriculture
- Treatment of water and wastewater
- Hydroponic crops and aquariums
- Environmental monitoring
- Swimming pools and thermal centers
- Food and beverage

- Cooling towers
- Galvanic
- Graphics industry
- Education

Set contains

- Tester
- Buffer solutions pH 7 and pH 4, 1x55ml
- Storage solution, 1x10ml
- Standard solution 1413 μS , 1x55ml
- Additional glass for calibration
- Strap
- Paper tissues
- Quick manual
- 4 x 1.5V AAA batteries
- Carry case

For a complete list of specifications, please download the brochure.

Specifications

Pocket pH/EC tester - waterproof

pH measuring range	-2...16
Calibration points	1...3
mV (pH) measuring range	-1000 mV...+1900 mV
Resolution	0.1 mV / 1 mV
Temperature measuring range	31...122°F (0...50 °C)
Resolution/accuracy	32.2°F / \pm 32.4°F (0.1 °C / \pm 0.2 °C)
EC measuring range	0.01 μS ...199.9 mS
TR reference temperature	68 / 77°F (20 / 25 °C)
Salinity measure range	0.01 mg/l ...100.0 g/l
Buffers auto recognition	84 μS /1413 μS /12.88 mS
TC temperature coefficient	0.00...4.00% / °C
TDS measuring range	0.01 ppm...199.9 ppt

Pocket pH/EC tester - waterproof

Dimensions (Ø x L)

1.6 x 7.9 in (40 x 200 mm)

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