

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

“Since 1982, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

DO-101

DISSOLVED OXYGEN METER

CE
VERSION 12/21

N° 1668324

The measuring device enables the precise measurement of dissolved oxygen in water. This value is influenced by oxygen-producing and oxygen-consuming processes and is variable in line with various applications. Oxygen measurement is used in agriculture, horticulture, fish-farming, aquariums, in the laboratory, as part of quality control or in the private sector. The temperature sensor is integrated into the device.

FEATURES:

For dissolved oxygen in liquids // For oxygen saturation levels in air // Temperature gauge //

EQUIPMENT:

Double indicator of oxygen concentration and temperature · Measures dissolved oxygen in liquids from 0 to 20.0 mg/l, oxygen saturation in the air from 0 to 100.0% and temperature from 0 to 50 °C // Automatic temperature compensation from 0 to 50 °C by the polarographic oxygen measurement sensor // Robust external sensor with 4 m. cable // RS232/USB-interface (socket, usable with optional interface cable) // Zero balance function // Auto Power-Off function // Data-Hold and Min/Max value memory // Battery change indicator // Connectable display illumination // Adjustable salt and level compensation // Socket for optional power supply operation available // Tripod thread on the underside of the device for accessories such as hand straps, tripods, etc. // Folding support stand //

TECHNICAL DATA:

Measuring range dissolved oxygen	0 – 20.0 mg/l
Measuring range oxygen in air	0 – 100.0%
Measuring range temperature	0 to +50 °C
Dissolution	0.1 mg/l // 0.1% O2 // 0.1 °C
Accuracy	± 0.4 mg/l // ±0.7% O2 // ±0.8 °C
Compensation temperature	0 to +50 °C (automatic)
Compensation salt content	0 - 50% (manual)
Compensation height	0 - 8900 m.
Measuring interval	ca. 1 sec
Operational temperature	-0 to +50 °C



Power supply	9 V Block battery (Type 6LR61) Optional: mains adapter 9 V/DC
Interface	RS232 input jack
Product dimensions (L x W x D)	195 x 68 x 30 mm
Weight	ca. 500 g.

PACKAGE CONTENTS:

Measuring device DO-101 // Measuring probe // 2 spare membrane heads // 1 bottle electrolyte (ca. 45 ml) // Battery // Operating instructions //