Food / Hygiene Meter PCE-DOM 20

Food / Hygiene Meter PCE-DOM Series

Oxygen meter with exchangeable probes / Automatic temperature compensation / Oxygen saturation and the sample temperature / For mobile use

The oxygen meter PCE-DOM 20 is a measuring device to determine the oxygen content both in liquids and in the ambient air. With this oxygen meter, water analyzes can be carried out on the oxygen content in a very short time and with the integrated temperature sensor, the oxygen meter is able to carry out an automatic temperature compensation. As a result, the oxygen meter is also used for analyzing the oxygen content of lakes or streams, as strong temperature fluctuations can occur here, which falsify the measurement result. This oxygen meter is also used, for example, in fish farming.

Before the initial start-up, the sensors on the oxygen measuring device are initially dry. In order to carry out a measurement, the sensors of the oxygen measuring device must be provided with the electrolyte supplied. Even if the membrane is damaged, it can be replaced with the oxygen measuring device in just a few steps. This ensures that the oxygen measuring device is ready for use again within a very short time.

- ▶ Measuring range up to 20 mg / L
- ▶ For oxygen analysis
- ▶ Temperature compensation up to 50°C / 122°F
- ▶ Electrolyte included
- ▶ For measurements in liquids and in air
- ▶ Exchangeable oxygen sensor

Specifications

Oxygen in liquids

Measuring range	0 ... 20 mg / L
Resolution	0.1 mg / L
Accuracy	± 0.4 mg / L

Oxygen in the air (reference measurement)

Measuring range	0 ... 100%
Resolution	0.1%
Accuracy	± 0.7%

Temperature

Measuring range	0 ... 50°C / 32 ... 122°F
Resolution	0.1°C / 0.18°F
Accuracy	± 0.8°C / 1.4°F

Cable length	4 m / 13.1 ft
Temperature units	°C / °F
Display	LCD display 29 x 28 mm / 1.1 x 1.1 in
Temperature compensation	Automatically
Storage	MIN, MAX
Automatic shutdown	After approx. 15 minutes
Operating conditions	0 ... 50°C / 32 ... 122°F, < 80% RH
Power supply	4 x 1.5V AAA batteries
Power consumption	Approx. 6.2-mA
Dimensions	180 x 40 x 40 mm / 7.1 x 1.6 x 1.6 in(hand-held device without sensor)
Weight	Approx. 390 g / < 1 lb

More information

Manual

More product info

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