

VIKING-DO400 Benchtop DO meter DO/Temp. (DO Saturation)

Product Details

Product Number

PRO3172



Technical Specification:

Overview — VIKING-DO400 laboratory DO meter

VIKING-DO400 is a bench-top dissolved oxygen meter designed for high-confidence measurements in water & wastewater, environmental labs, aquaculture and education. It offers a bright **7.0" LCD**, **Auto-Read / Timed / Continuous** reading modes, **automatic/manual temperature compensation**, **auto-hold** endpoint detection and **GLP-compliant data storage** (500 results per parameter). The instrument supports calibration in **air-saturated water or zero oxygen**, with **auto barometric compensation** and **manual salinity factor correction**.

Key features

- 7.0" high-resolution LCD display with backlight.
- Multi-reading: Auto-Read, Timed-Read, Continuous-Read.
- Automatic/Manual temperature compensation (ATC/MTC).
- Auto-hold endpoint detection with "Reading/Stable/Locked" prompts.
- GLP data storage: 500 results per parameter with date/time.
- USB (PC) and RS-232 (printer) connectivity.
- Factory reset to default settings.
- IP54 splash/dust protection.
- Calibration in air-saturated water or zero O₂.
- Automatic barometric pressure compensation.
- Manual salinity factor correction.
- Selectable pressure units: kPa, mbar, Torr, Atm.

Included in the box

- Polarographic DO electrode **PRO6163** (zero oxygen calibration solution, DO electrolyte, 3× membrane caps)
- Electrode stand **EHO-5**

Technical specifications

Model	VIKING-DO400
Parameters	Dissolved Oxygen / Temperature (DO Saturation)

Dissolved Oxygen — Concentration

Sensor Type	Polarographic
Range	0.00–99.99 ppm
Resolution	0.01 ppm
Accuracy	±0.10 ppm (0.00–50.00), ±0.50 ppm (50.0–99.99)
Calibration Points	Air-saturated water or zero point
Barometric Compensation	Yes
Manual Salinity Factor Correction	Yes

Dissolved Oxygen — Saturation

Range	0.0–600.0 %
Resolution	0.1 %
Accuracy	±2.0 %

Temperature

Range	–10.0 to 135.0 °C, 14.0 to 275.0 °F
Unit	°C, °F
Resolution	0.1
Accuracy	±0.1 °C

Measurement

Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC

Data management

Data Storage	500 results each
GLP Features	Yes

Inputs & outputs

DO with Temp. Probe	4-pin aviation connector
USB	PC
RS-232	Printer

Display & power

Backlight	Yes
Auto Shutdown	1–60 min; Off
IP Rating	IP54
Date & Time	Yes

General

Power	AC adapter, 100–240 V AC input, DC 20 V output
Dimensions	242 × 195 × 68 mm
Net Weight	900 g (1.98 lb)
Dimensions (Carton)	370 × 320 × 220 mm
Shipping Weight	2.5 kg

Accessories: