

VIKING-DO210

Portable DO Meter • DO (mg/L) / Saturation / Temperature • 3.5" LCD • Polarographic • IP65

VIKING-DO210 Portable DO Meter is a simple, rugged portable dissolved oxygen meter for routine DO, saturation and temperature checks in the field, in aquaculture and in the laboratory. It combines a 3.5" backlit LCD, DO measurement from 0.00 to 20.00 mg/L (± 0.10 mg/L), saturation 0.0–200.0 %, air-saturated water or zero-oxygen calibration, barometric and salinity correction, a 200-result memory and IP65 protection.

PORTABLE DO METER DO (MG/L) SATURATION TEMPERATURE 3.5" LCD ± 0.10 MG/L

POLAROGRAPHIC ATC / MTC IP65

Document type: **Technical Specification Sheet**

Product: **VIKING-DO210 Portable DO Meter**

SKU: **PRO3316**

Format: **A4 landscape • 5 pages**

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VIKING-DO210 • Portable DO Meter

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Portable DO Meter

Operation guide

Installation • Calibration • Measurement • Maintenance



► [Watch the operation video \(3:55\) • installation, settings, calibration and DO measurement](#)

MODEL / SKU

VIKING-DO210
PRO3316

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VIKING-DO210 • technical specification

Entry-level portable meter for DO, saturation and temperature

DO 0.00...20.00 MG/L ±0.10 MG/L SATURATION 0.0–200.0 % POLAROGRAPHIC IP65 — Reliable dissolved oxygen measurement for field and laboratory use

Product Overview

Application profile

Wastewater treatment: aeration control, activated sludge and effluent checks.
Aquaculture and environment: fish farms, rivers, lakes and monitoring points.
Field and on-site: compact IP65 housing for sampling points and plants.
Food, beverages and process water: oxygen in process water, fermentation and quality control.

Design and handling advantage

Clear display: 3.5" LCD with backlight with Reading / Stable / Locked prompts.
Sensor: polarographic electrode with replaceable membrane and refillable electrolyte.
Corrections: barometric pressure and salinity factor for accurate mg/L in any sample.
Data traceability: 200 results stored per parameter with date and time.

Key features

DO: 0.00 to 20.00 mg/L, ±0.10 mg/L.
Saturation: 0.0–200.0 %, 0.1 %, ±2.0 %.
Calibration: Air-saturated water or zero oxygen.
Temperature: –5 to 110 °C, ±0.2 °C, ATC / MTC.
Reading modes: AutoRead, continuous.
Connection: 4-pin DO electrode input.

Core technical summary

Parameter	Specification
Model	VIKING-DO210
SKU	PRO3316
Instrument type	Portable DO Meter
Sensor type	Polarographic
Display	3.5" LCD with backlight
DO range	0.00 to 20.00 mg/L
DO accuracy	±0.10 mg/L
Saturation range	0.0–200.0 %
Data memory	200 results
Protection	IP65

DO ACCURACY
 ±0.10 mg/L

SATURATION RANGE
 0.0–200.0 %

DATA MEMORY
 200 results

PROTECTION
 IP65

Technical values are provided for product selection. The delivered configuration, electrode type and accessory set are confirmed in the official COLO.Science quotation.

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Technical Parameters

Parameter	Specification	Parameter	Specification
Sensor type	Polarographic	Temperature compensation	ATC / MTC
DO range	0.00 to 20.00 mg/L	Reading modes	AutoRead, continuous
DO resolution	0.01 mg/L	Reading prompts	Reading, Stable, Locked
DO accuracy	±0.10 mg/L	Display	3.5" LCD with backlight
Saturation range	0.0–200.0 %	Data memory	200 results per parameter
Saturation accuracy	±2.0 %	Electrode input	4-pin connector (DO + temperature)
Units	mg/L (ppm), %	Auto power-off	300 / 600 / 1200 / 1800 / 3600 s or off
Calibration	Air-saturated water or zero oxygen	Power supply	Rechargeable Li battery; adapter 100–240 V AC / 5 V DC
Pressure	Manual barometric pressure entry	Protection	IP65
Salinity correction	Manual salinity factor correction	Dimensions	80 × 225 × 35 mm
Temperature range	–5 to 110 °C	Weight	approx. 400 g
Temperature accuracy	±0.2 °C		

Specification notes

Calibration: calibrate in water-saturated air or air-saturated water; add a zero-oxygen point for low DO values.

Corrections: enter the local air pressure and the sample salinity so that mg/L is calculated correctly.

Sensor care: replace the membrane and electrolyte when the response slows or calibration fails — see page 4.

Higher model: for more range, memory or connectivity see VIKING-DO310.

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Electrodes and Accessories



PRO6162

Polarographic DO electrode DO-957-Q

DO + temperature, 0–20 mg/L, ABS body, 5–40 °C, Φ 12×120 mm, 4-pin connector, 1 m cable.

Standard delivery



DO electrode kit

Zero-oxygen calibration solution, electrolyte and 3 membrane caps, supplied with the polarographic electrode.

Standard delivery



Silicone protective case and wristband

Shock-absorbing silicone sleeve and wristband for safe one-hand field use.

Standard delivery



PRO6163

Polarographic DO electrode DO-958-Q

DO + temperature, 0–20 mg/L (0–50 mg/L on dedicated meters), ABS body, 5–40 °C, Φ 12×120 mm, 4-pin connector, 1 m cable.

Optional

More electrodes and accessories

SKU	Item	Use	Status
—	DO electrode filling solution, 100 mL	Electrode maintenance	Optional
—	DO electrode membrane cap	Electrode maintenance	Optional
—	Zero-oxygen calibration powder (100 mL)	Zero-point calibration	Optional

The Polarographic DO electrode DO-957-Q (PRO6162) connects to the 4-pin input and also measures temperature. The electrode is supplied with zero-oxygen calibration solution, electrolyte and 3 membrane caps; further filling solution, membranes and zero-oxygen powder are available as consumables. Standard delivery is confirmed in the quotation.

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VIKING-DO210 standard delivery: meter, DO electrode and electrode holder, silicone case, wristband

Ordering information

Item	Value
Model	VIKING-DO210
SKU	PRO3316
Instrument type	Portable DO Meter
Standard electrode	Polarographic DO electrode DO-957-Q (PRO6162)
Electrode kit	zero-oxygen solution, electrolyte, 3 membrane caps
Also included	electrode holder, silicone case, wristband
Power supply	Li battery + 5 V DC adapter

Configuration checklist

Sample type: wastewater, surface water, aquaculture, BOD bottles, process water.

Range: expected DO and saturation (supersaturated samples need a wider range).

Sensor: polarographic (low cost) or optical (low maintenance).

Documentation: memory, GLP records, USB export or printer.

Need more?: see VIKING-DO310.

MANUFACTURER AND SUPPORT

COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

Selection guidance: VIKING-DO210 is the economical choice for routine DO checks in fish farms, surface water and wastewater, where simple operation and IP65 protection matter most. COLO.Science helps you choose the electrode and consumables.

QUICK CONTACT

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 sales@colo.si

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 [Watch the operation video](#)

COLO.SCIENCE · DO METER CONFIGURATION SUPPORT

Need help choosing the right DO meter or electrode?

Tell us the sample type, the expected oxygen level and how you document results. COLO.Science will confirm the electrode, consumables and VIKING-DO210 configuration for your workflow.

Web: [colo.si](https://www.colo.si)

Ask us:

Price and current discount, delivery time, electrode selection for your sample, calibration standards, installation and operator training, spare electrodes and accessories — write to sales@colo.si or call us.

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