

PRECISE DISSOLVED OXYGEN MEASURING DEVICES (DO)



DURABLE AND AFFORDABLE

HIGHLIGHTS:

- Modern and functional housing
- 3-line display / overhead display at the push of a button
- Backlighting
- Waterproof (IP65 / IP67)
- Durable, long battery life
- Including galvanic oxygen sensor
- Easy calibration to air at the push of a button

G 1610

Art. no. 610003

Waterproof dissolved oxygen measuring device (DO) with sensor, 2 m cable

G 1610-4

Art. no. 408380

Waterproof dissolved oxygen measuring device (DO) with sensor, 4 m cable

General:

The primary focus in the development of the new GMH 1000 series was place on the essential functions of the measurement technology. Pure measurement with a focus on precision, speed and reliability packaged in a compact housing distinguish an impressive price/performance ratio, Made in Germany.

The new handheld measuring devices also impress with their ergonomic design, dust and water-protected design in accordance with IP 65/67 and the illuminated display.

The Oxymeter with maintenance-friendly galvanised sensor is an entry-level device suitable for everyday use. Concentrations in mg/l(ppm) and saturation in percentage can be read directly without using tables.

Calibration with environmental air takes place at the push of a button. Use of a GSKA protective cap is recommended for field use in bodies of water in order to protect the membrane.

Application:

Freshwater and salt water aquariums, aquaculture/fish breeding, monitoring of wells and bodies of water

Specifications:

Measuring range / Resolution:	0.0 ... 20.0 mg/l (or ppm) O ₂ concentration 0 ... 200 % O ₂ saturation
Accuracy	
Oxygen:	±1,5 % of m.v. ±0.2 mg/l or ±1,5 % of m.v. ±2 % O ₂ saturation
Temperature:	±0.3 °C
Sensors / measuring inputs:	Galvanic sensor (active membrane type), KOH electrolyte 2 m or 4 m cable, permanently connected to the device, with integrated temperature sensor
Response time T₉₅:	10 s at nominal temperature
Operating pressure:	max. 3 bar (~30 m water depth)
Sensor range of application:	0 ... 40 °C
Compensation	
Temperature:	automatic with integrated temperature measurement
Air pressure:	Compensation possible with manual input (normally not necessary)
Salinity:	with manual entry
Display:	3-line unit with battery status indicator, background light, protected by an unbreakable pane, overhead display at the push of a button
Operation:	4 long-lasting, easy-to-operate buttons

Additional functions:	stability recognition, automatic adjustment to environmental air
Display unit environment:	-20 ... +50 °C, 0 ... 95 % RH
Power supply:	2 x AA battery, battery life >3000 h
Protection rating:	IP65 / IP67
Housing:	Break-proof ABS housing
Dimensions:	108 x 54 x 28 mm (H x W x D) without sensor
Weight:	240 g (device incl. sensor)
Scope of supply:	Device, sensor, GWOK 02 spare membrane cap and KOH 100 spare electrolyte, 2 x battery, manual

Accessories and spare parts:

GWOK 02

Art. no. 608012

Spare membrane cap

KOH 100

Art. no. 603356

Spare electrolyte 100 ml

GSKA 3600

Art. no. 601414

PVC protective cap, submerged, for use in still bodies of water

GSKA 3610

Art. no. 607267

Red brass protective cap, salt water resistant, submerged, also suitable for use with greater depths or with a flow

GCAL 3610

Art. no. 611371

Kalibrierflasche

ST-G1000

Art. no. 611373

Device protection bag with 1 round cut-out

GB AA

Art.-Nr. 610049

Spare battery AA (2 batteries required)

GSKA 3600 mounted on the sensor

