

PRECISE SOLVED OXYGEN MEASURING DEVICES (DO)



ROBUST AND GOOD VALUE



HIGHLIGHTS:

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



GSKA 3600 mounted on the sensor

G 1610

Item No. 610003

Waterproof dissolved oxygen meter (DO) with sensor, Cable 2 m

G 1610-4

Item No. 408380

Waterproof dissolved oxygen meter (DO) with sensor, Cable 4 m

GENERAL:

When developing the new G 1000 series, the focus was consciously on the essential functions of the measurement technology. Pure measurement with a focus on precision, speed and reliability, packaged in a compact housing, enables the outstanding price/performance ratio, Made in Germany.

The new portable instruments also have an impressive ergonomic design, are dust- and water-proof to IP 65/67, and feature a backlit display.

The oximeter with the maintenance-friendly galvanic sensor is an entry-level device suitable for everyday use, both concentration in mg/l (ppm) and saturation in percent can be read off directly without using tables.

The adjustment takes place at the push of a button in ambient air. For field use in bodies of water, the use of a GSKA protective cap is recommended to protect the membrane.

APPLICATION:

Fresh and sea water aquariums, aquaculture / fish farming, monitoring of wells and bodies of water

TECHNICAL SPECIFICATIONS:

Measuring range / resolution: 0.0..20.0 mg/l (or ppm) O₂ concentration 0..200 % O₂ saturation

accuracy

Oxygen: ± 1.5 % of meas. Mean ± 0.2 mg/l or ± 1.5 % of meas. MW ± 2 % O₂ saturation

Temperature: ± 0.3 °C

Sensors / measuring inputs: Galvanic sensor (active membrane type), electrolyte KOH Cable 2 m or 4 m, permanently connected to the device, with integrated temperature sensor

Response time T₉₅: 10 s at nominal temperature

Operating pressure sensor: max. 3 bar (~ 30 m water depth)

Area of application sensor: 0..40 °C

Compensation

Temperature: automatically via integrated temperature measurement

Air pressure: Compensation possible via manual input (usually not required)

Salinity: by manual entry

Display: 3-line with battery level indicator, backlit, protected by break-resistant glass, overhead display at the push of a button

Service: 4 durable, easy-to-use buttons

Additional functions: Stability detection, automatic adjustment to ambient air

Environment display device: -20 .. + 50 °C, 0.95 % RH

Power supply: 2 x AA batteries, > 3000 h battery life

Protection class: IP65 / IP67

Housing: break-proof ABS housing

Dimensions: 108 x 54 x 28 mm (H x W x D) without sensor

Weight: approx. 240 g (device including sensor)

Scope of delivery: Device, sensor, replacement membrane cap GWOK02 and replacement electrolyte KOH 100, 2 x batteries, operating instructions

ACCESSORIES OR SPARE PARTS:

GWOK 02

Item No. 608012

Spare membrane head for GWO 5610

KOH 100

Item No. 603356

KOH spare electrolyte, 100 ml

GSKA 3600

Item No. 601414

Protective cap for depth measurement for sensors Ø 12 mm

GSKA 3610

Item No. 607267

Protective cap for depth measurement for sensors Ø 12 mm

GCAL 3610

Item No. 611371

Calibration bottle for gel. Oxygen sensors with Ø 12 mm

ST-G1000

Item No. 611373

G 1000 protective bag made of Nappa leather, a universal cutout for sensors, belt clip

GB AA

Item No: 610049

Replacement battery Mignon (AA) 1.5 V (2 pieces are required)

GKK 1002

Item No. 411907

Case for G1000 series water analysis small

GKK 1003

Item No. 411917

Case for 2x G1000 series water analysis and 2x PHLx 450 x 360 x 106 mm (W x H x D)



G 1610-1002

Item No. 474287

Waterproof dissolved oxygen meter (DO) with sensor Device with permanently connected sensor 2 m: GWO5610-L02 and case GKK 1002