

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

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**

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:**

<b>Measuring range / resolution:</b>	0.0..20.0 mg/l (or ppm) O <sub>2</sub> concentration 0..200 % O <sub>2</sub> saturation
<b>accuracy</b>	
<b>Oxygen:</b>	± 1.5 % of meas. Mean ± 0.2 mg/l or ± 1.5 % of meas. MW ± 2 % O <sub>2</sub> saturation
<b>Temperature:</b>	± 0.3 °C
<b>Sensors / measuring inputs:</b>	Galvanic sensor (active membrane type), electrolyte KOH Cable 2 m or 4 m, permanently connected to the device, with integrated temperature sensor
<b>Response time T<sub>95</sub>:</b>	10 s at nominal temperature
<b>Operating pressure sensor:</b>	max. 3 bar (~ 30 m water depth)
<b>Area of application sensor:</b>	0..40 °C
<b>Compensation</b>	
<b>Temperature:</b>	automatically via integrated temperature measurement

<b>Air pressure:</b>	Compensation possible via manual input (usually not required)
<b>Salinity:</b>	by manual entry
<b>Display:</b>	3-line with battery level indicator, backlit, protected by break-resistant glass, overhead display at the push of a button
<b>Service:</b>	4 durable, easy-to-use buttons
<b>Additional functions:</b>	Stability detection, automatic adjustment to ambient air
<b>Environment display device:</b>	-20 .. + 50 °C, 0.95 % RH
<b>Power supply:</b>	2 x AA batteries, > 3000 h battery life
<b>Protection class:</b>	IP65 / IP67
<b>Housing:</b>	break-proof ABS housing
<b>Dimensions:</b>	108 x 54 x 28 mm (H x W x D) without sensor
<b>Weight:</b>	approx. 240 g (device including sensor)
<b>Scope of delivery:</b>	Device, sensor, replacement membrane cap GWOK02 and replacement electrolyte KOH 100, 2 x batteries, operating instructions



**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