

## PRECISE DISSOLVED OXYGEN MEASURING DEVICES (DO)

**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 placed 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 Oxyrometer 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:**

<b>Measuring range /</b>	0.0 ... 20.0 mg/l (or ppm) O <sub>2</sub> concentration
<b>Resolution:</b>	0 ... 200 % O <sub>2</sub> saturation
<b>Accuracy</b>	
<b>Oxygen:</b>	±1.5 % of m.v. ±0.2 mg/l or ±1.5 % of m.v. ±2 % O <sub>2</sub> saturation
<b>Temperature:</b>	±0.3 °C
<b>Sensors / measuring inputs:</b>	
	Galvanic sensor (active membrane type), KOH electrolyte 2 m or 4 m cable, 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:</b>	max. 3 bar (~30 m water depth)
<b>Sensor range of application:</b>	0 ... 40 °C
<b>Compensation</b>	
<b>Temperature:</b>	automatic with integrated temperature measurement
<b>Air pressure:</b>	Compensation possible with manual input (normally not necessary)
<b>Salinity:</b>	with manual entry
<b>Display:</b>	3-line unit with battery status indicator, background light, protected by an unbreakable pane, overhead display at the push of a button
<b>Operation:</b>	4 long-lasting, easy-to-operate buttons

**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



GSKA 3600 mounted on the sensor