



STANDARD-FUNCTIONS:



NEW!

HIGHLIGHTS

- Waterproof and durable (protective silicone case)
- Large double display with background lighting
- New oxygen sensor GWO 5610
- Environmental pressure compensation with integrated barometer

ADDITIONAL HIGHLIGHTS GMH 5650

- Data logger and alarm function
- Analogue output, pressure connection

ADDITIONAL FUNCTIONS - GMH 5650:



GMH 5630

Product-ID: 606880

Waterproof dissolved O₂ handheld measuring device without accessories

GMH 5650

Product-ID: 606882

Waterproof dissolved O₂ handheld measuring device without accessories with data logger and alarm

Application:

Oxygen monitoring in aquaculture and aquaria. Testing of well water, sewer systems and in wastewater treatment plants, also suitable for harsh environments. Delivery can take place ready for use (filled) or dry. Electrodes delivered try are long lasting and ready for use within about 1 h after filling.

Specifications:	GMH 5630	GMH 5650
Measuring channels:	O ₂ , T, air pressure (integrated)	O ₂ , T, air pressure (integrated) / measuring depth *1)
Measuring ranges:		
O₂-concentration:	0.00 ... 70.00 mg/l (ppm) (Variable resolution)	
O₂-saturation:	0.0 ... 600.0 % O ₂ (Variable resolution)	
O₂-partial pressure:	0 ... 1200 hPa O ₂ (0.0 ... 427.5 mmHg)	
Temperature:	0.0 ... 50.0 °C	
Air pressure:	10 ... 1200 hPa abs	300 ... 5000 hPa abs
Measuring depth:	-	0 ... 40.0 m water column *1)
Accuracy:		
Oxygen:	±1.5 % of MW ±0.2 mg/l (0 ... 25 mg/l) or ±2.5 % of MW ±0.3 mg/l (25 ... 70 mg/l)	
Temperature:	0.0 ... 50.0 °C	
Air pressure:	10 ... 1200 hPa abs	300 ... 5000 hPa abs
Sensor:	GWO 5610, active diaphragm type with platinum cathode, Ø 12 mm, standard cable length 2 m, 7 pin bayonet connection	
Response time:	90 % in 10 s	
Service life:	approx. 3 years, depending on usage and care	
Display:	4 ½ digit, 7-segment, illuminated (white)	

Working temperature:	Device: -25 ... +70 °C Sensor: 0 ... 40 °C
Sensor operating pressure:	max. 3 bar corresponds to max. 30 m water depth
Inward flow:	min. 20 cm/s
Power supply:	2 x AAA battery, power consumption: 0.9 mA
Battery life:	approx. 1000 h (without lighting)
Ingress protection:	IP65 / IP67
Housing:	Impact-resistant ABS, with stand/hanging bracket
Dimensions:	160 x 86 x 37 mm (H x W x D) including protective silicone case
Weight:	approx. 250 g, including battery and protective case
Scope of supply:	Device incl. batteries (2xAAA), protective silicone case, manual, quick guide

Additional functions:	
Salinity correction:	0.0 ... 70.0
Pabs / height correction:	Automatic with integrated sensor
Measuring depth (only GMH 5650):	Hydrostatic depth measurement *1)
Output / external supply:	OUT jack: 38400 baud interface, 5 V external supply
Additional with GMH 5650:	Analogue output 0-1 V, adjustable
Calibration:	1 point air
Additional with GMH 5650:	1 point water, 2 point or 3 point (air and zero point and 100 % O ₂)
GLP:	Calibration interval
Additional with GMH 5650:	Calibration history
Data logger (only GMH 5650):	Cyclical: 10,000, Single: 1000, single value logger with measuring point input
Alarm (only GMH 5650):	2 alarm channels (O ₂ and temperature) with separate alarm thresholds
Alarm notification horn / visual / interface	

*1) A simple hydrostatic depth measurement can be made with special accessories. For instance, oxygen profiles in waste water can be recorded very conveniently together with the logger function.



NEW!

HIGHLIGHTS:

- Significantly lower inward flow required than with the predecessor model
- Dry storage possible for long-term storage needs
- Compact 12 mm diameter retained!

GWO 5610-L02

Product-ID: 607386

Sensor with 2 m cable

General:	Standard, for laboratory use, electrode is delivered filled, dry delivery available on request
Accessories and spare parts:	
GWO 5610-L04	
Product-ID: 607764	Spare sensor GWO 5610 with 4 m cable (field use)
GWO 5610-L10	
Product-ID: 607765	Spare sensor GWO 5610 with 10 m cable (field use)
GWO 5610-L30	
Product-ID: 607766	Spare sensor GWO 5610 with 30 m cable (field use)
GSKA 3600	
Product-ID: 601414	Protective PVC cap
GSKA 3610	
Product-ID: 607267	Protective cap for depth measurement made of brass with drilled hole fastening on carabiner/rope
GWOK 02	
Product-ID: 608012	Spare membrane cap
GAS 5610	
Product-ID: 608032	Work set (3 spare membrane caps, 100 ml of electrolyte)
TMV 3600	
	Depth measuring device
KOH 100	
Product-ID: 603356	Spare electrolyte, 100 ml



NEW!