

Dissolved Oxygen

Spare parts and accessories

SPARE MEMBRANE HEAD FOR ELECTROCHEMICAL SENSORS

Replacement membrane heads are the key wear parts of electrochemical oxygen sensors and act as a semi-permeable interface to the measuring medium. Regular replacement is essential, as contamination, material aging, or mechanical defects can affect the diffusion rate and thus distort the measurement accuracy. High-quality replacement diaphragms ensure fast response times (t_{90}) and stable readings, provided they are filled with the appropriate electrolyte without air bubbles and recalibrated after installation.

GWOK 01

Spare membrane head for **GWO 3600** sensor

Compatible devices:
GMH 3610/-50 and OXY 3690

Dimensions:
Length: 14 mm
Diameter: 12 mm



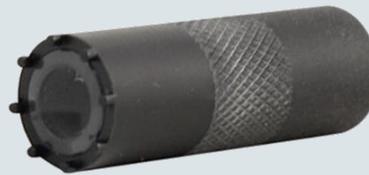
Art. No. 601411

GWOK 02

Spare membrane head for **GWO 5610** sensor

Compatible devices:
ECO 530, G1610, GMH 5630/-50 and GMH 7500

Dimensions:
Length: 35 mm
Diameter: 12 mm



Art. No. 608012

SPARE ELECTROLYTE FOR ELECTROCHEMICAL SENSORS

The **replacement electrolyte** solution forms the chemical core of electrochemical oxygen sensors and, as an ion conductor, enables the electrical signal transmission between the anode and cathode. Since the solution is chemically consumed during operation or can diffuse through the membrane, regular replacement is crucial for zero-point stability and preventing signal drift. A fresh, sensor-specific electrolyte ensures that the electrochemical reaction can proceed unimpeded and that the sensor responds precisely to changes in concentration. Caution: Corrosive.

KOH 100

Spare electrolyte
100 ml bottle



Art. No. 603356

WORKING SETS FOR ELECTROCHEMICAL SENSORS

Our professional **working sets** are designed for the routine maintenance and repair of electrochemical dissolved oxygen sensors. They include all the components the user needs to ensure consistent measurement accuracy and a long sensor lifespan. The kits enable quick, tool-free membrane replacement and clean refilling of the electrolyte chamber directly on-site or in the laboratory.

GAS 3600

For devices with **GWO 3600** sensors:
GMH 3610/-50, GOX 20, OXY 3610MP,
OXY 3690

Contents:

3 x Spare membrane head **GWOK 01**
1 x KOH 100 spare electrolyte (100 ml)
1 x Pipette (3 ml)



Art. No. 603497

GAS 5610

For devices with **GWO 5610** sensors:
ECO 530, G1610, GMH 5630/-50, GMH 7500

Contents:

3 x Spare membrane head **GWOK 02**
1 x KOH 100 spare electrolyte (100 ml)
1 x Pipette (3 ml)



Art. No. 608032

PROTECTION HATS

Protection hats are essential for sensors to protect the sensitive membrane from damage in the field.

A protection hat acts as a mechanical shield for the sensor's membrane face. It is indispensable for measurements where, for example, contact with the substrate may occur, as well as for protection against damage from chewing in aquaculture and wastewater applications. The design is optimized for airflow to ensure that media exchange across the membrane is not impeded, while simultaneously preventing direct impact contact.

GSKA 3600

Protection hat made of **PVC**
for sensors with a 12 mm diameter
Sinking, for use in still waters

Dimensions:

Length: 50 mm
Diameter: 24 mm



Art. No. 601414

GSKA 3610

Protection hat made of seawater-resistant **gunmetal**
for sensors with a 12 mm diameter
Sinking, also suitable for use at great depths or in
currents

Dimensions:

Length: 50 mm
Diameter: 24 mm



Art. No. 607267

ELECTROCHEMICAL REPLACEMENT SENSORS

These **Replacement sensors** are used when the electrochemical cell is depleted or when response times are outside the tolerance range despite membrane replacement.

The replacement measuring elements are precisely calibrated electrochemical transducers that serve as direct replacements for depleted or defective DO sensors. They consist of the complete electrode assembly (anode and cathode) and are optimized for use with existing measuring instruments.

GWO 3600

Replacement dissolved oxygen sensor (for connection to GMH 3611/-51 (old: /-10/-30) or OXY 3610 MP)



Order code:

GWO3600 - **1** - **2**

1.	Cable length	
	L1,5	Sensor with 1.5 m cable
	L04	Sensor with 4 m cable
2.	Version	
		For connection to GMH 3611/-51 (old: /-10/-30) or OXY 3610
	MU	For connection to OXY 3610 MP

GWO 5610

Replacement sensor for dissolved oxygen (for connection to GMH 5630/-50 and GMH 7500)



Order code:

GWO5610 - **1** - **2**

1.	Cable length	
	L02	Sensor with 2 m cable
	L04	Sensor with 4 m cable
2.	Condition	
		Sensor filled
	DRY	Sensor not filled, long shelf life

ORDER CODES

Replacement membrane heads for electrochemical sensors		
GWOK01	Spare membrane head for GWO 3600	Art. No. 601411
GWOK02	Spare membrane head for GWO 5610	Art. No. 608012
Replacement electrolyte for electrochemical sensors		
KOH100	Spare electrolyte 100 ml	Art. No. 603356
Working sets for electrochemical sensors		
GAS3600	Working sets (3 Spare membrane heads GWOK 01 , 100 ml KOH 100 Spare Electrolyte, 1 Pipette) for GWO 3600, GOX 20, OXY 3610MP	Art. No. 603497
GAS5610	Working sets (3 Spare membrane heads GWOK 02 , 100 ml KOH 100 Spare Electrolyte, 1 Pipette) for GWO 5610, G 1610	Art. No. 608032
Protection hats		
GSKA3600	PVC -Protection hat for depth measuring for sensors Ø 12 mm	Art. No. 601414
GSKA3610	Gunmetal -Protection hat for depth measuring for sensors Ø 12 mm	Art. No. 607267
Electrochemical replacement sensors (selection)		
GWO3600-L1,5	Replacement sensor for connection to GMH 3611/-51 (old: /-10/-30), 1.5 m cable	Art. No. 479042
GWO3600-L04	Replacement sensor for connection to GMH 3611/-51 (old: /-10/-30), 4 m cable	Art. No. 603895
GWO5610-L02	Replacement sensor for connection to GMH 5630/-50 and GMH 7500, 2 m cable	Art. No. 607386
GWO5610-L04	Replacement sensor for connection to GMH 5630/-50 and GMH 7500, 4 m cable	Art. No. 607764

DIGITAL SENSOR DX 530 + SPARE PARTS

Digital optical sensor for dissolved oxygen, economic field style. The best choice for field measuring in sweet water aquafarming, river monitoring, well water analysis and wastewater monitoring- combined with e.g. PRO D05 a very competitive and reliable measuring tool.



DX 530 sensor (without measuring device)		
DX-530-L03	Digital optical dissolved oxygen sensor, economic field style, detachable cable 3 m . Device in carton box, incl. Quickstart	Art. No. 488878
DX-530-L05	Digital optical dissolved oxygen sensor, economic field style, detachable cable 5 m . Device in carton box, incl. Quickstart	Art. No. 488968
Spare cables for DX 530 sensor		
REP_CABLE_DX530-L03	Spare cable with electronic for DX 53x oxygen sensors, 3 m	Art. No. 489910
REP_CABLE_DX530-L05	Spare cable with electronic for DX 53x oxygen sensors, 5 m	Art. No. 489911
Spare membrane head for DX 530 sensor		
REP_CAP_DX-530	Spare membrane head for DX 530, in carton box	Art. No. 489147



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