

ACCESSORIES

**GOEL 370**

Product-ID: 601490

sensor element (acidic electrolyte):

General:

Integrated into GGO 370, GGA 370, GOO 370 (for GMH 3690/91/92/95) or GGO 570, GGA 570, GOO 570 (for GMH 5690/95)

Universal sensor element with special precautions particularly for immersion applications ("nitrox"), very long life, even for applications with elevated CO₂ concentration.

Note:

not suited for „under water“-applications (rebreather, etc.)

**GOEL 380**

Product-ID: 601492

sensor element (alkaline electrolyte)

General:

Integrated into GGO 380, GGA 380, GOO 380 (for GMH 3690/91/92/95) or GGO 580, GGA 580, GOO 580 (for GMH 5690/95) Fast sensor element especially for low Oxygen concentrations below 1 %, measuring range up to 25 %, e. g. a protective gas atmosphere. For application without permanently higher CO₂ concentration

Note:

not suited for „under water“-applications (rebreather, etc.)

Accessories and spare parts:**GZ-11**

Product-ID: 603144

flow rate adapter to measure the oxygen concentration with 6/4 mm tube

ESA 369

Product-ID: 603058

spare tube-adapter M16x1, for tubes with a inner-diameter of 15 mm

ZOT 369

Product-ID: 603094

T-piece



RESIDUAL OXYGEN MEASURING DEVICE



GMH 5690

**APPLICATION IN
PACKAGING AND FOOD INDUSTRY**

GMH 3692 GOG-H

Product-ID: 605925

Residual oxygen measuring device for universal use

GMH 3692 GOG-L

Product-ID: 605926

Residual oxygen measuring device for low oxygen-concentrations with fast response time

GMH 5690 GOG-H

Product-ID: 607746

Residual oxygen measuring device for universal use

GMH 5690 GOG-L

Product-ID: 607748

Residual oxygen measuring device for low oxygen-concentrations with fast response time

Application:

If delicate products are conserved at low-oxygen atmospheres (protective gas), these measuring devices will provide a vital check of the residual oxygen content.

- packaging industry
- food industry

Specifications:

Sensor elements: - H: GOEL 370 - L: GOEL 380

Measuring range (hPa O₂): - H: 0 ... 1100 - L: 0 ... 300

Measuring range (% O₂): - H: 0.0 ... 100.0 - L: 0.0 ... 25.0

Response time: T₉₀ - H: <10 s - L: <5 s

Resolution: GMH 3692...: 0.1 % O₂
GMH 5690...: 0.01 % O₂

Accuracy:

(whole system - if careful calibration and measuring)

1-point-calibration: ±0.2 % O₂ ±1 digit
(for concentrations < 10 %)

2-point-calibration: ±0.1 % O₂ ±1 digit
(for concentrations < 10 %)

Oxygen sensor: Oxygen partial pressure sensor, built in external sensor housing

Operation life: 12 month warranty for sensor element (if appropriate application and ambient pressure)

Working pressure: 0.5 ... 2.0 bar abs.

Over-/under-pressure: max. 0.25 bar (pressure difference)

Dimensions case: approx. 394 x 294 x 106 mm

Weight: GMH 36xx: approx. 1400 g (complete set)
GMH 56xx: approx. 1480 g (complete set)

Scope of supply:

Device GMH3692, hand pump with air tube, GOG oxygen sensor with penetration needle, case GKK 3500, spare needle Ø 0.9 mm, rubber foam sticker (40 pieces), battery, operating manual.

for additional technical data refer to GMH3692 and corresponding sensors on page 56

Accessories and spare parts:**GOG-SET-3000-H**

Product-ID: 603048

Set without instrument

Scope of supply: GOG oxygen sensor (GOEL 370) with penetration needle, hand pump with air tube, case GKK 3500, spare needle and 40 rubber foam stickers

GOG-SET-3000-L

Product-ID: 603050

Set without instrument

Scope of supply: GOG oxygen sensor (GOEL 380) with penetration needle, hand pump with air tube, case GKK 3500, spare needle and 40 rubber foam stickers

GOG-SET-5000-H

Product-ID: 607949

Set without instrument

Scope of supply: GOG oxygen sensor (GOEL 370) with penetration needle, hand pump with air tube, case GKK 3500, spare needle and 40 rubber foam stickers

GOG-SET-5000-L

Product-ID: 607950

Set without instrument

Scope of supply: GOG oxygen sensor (GOEL 380) with penetration needle, hand pump with air tube, case GKK 3500, spare needle and 40 rubber foam stickers

GOEL 370

Product-ID: 601490

Spare sensor element, universal applications, diving, longlife

GOEL 380

Product-ID: 601492

Spare sensor element, for low oxygen-concentration, fast response time

GOG-N

Product-ID: 603047

Needle, Ø 0.9 mm (5 pieces)

GOG-A

Product-ID: 603043

rubber foam sticker (40 pieces)