

## ResOx residual oxygen measuring system

Handy device with 1 m cable range

Fine resolution with 0.01 % O<sub>2</sub>

Independent battery-operated gas pump

**IMPROVED SUCCESSOR TO OUR POPULAR GOG SETS**

**HIGHLIGHTS:**

- With data logger and interface
- Pressure-compensated measurement – particularly important for rigid packages!
- Intelligent complete measuring system in a practical carry case

Membrane filter prevents unintended suction of particles / liquid

**NEW!**

**ResOx 5695-H**

Art. no. 610040

Residual oxygen measuring system (for gases with elevated CO<sub>2</sub> percentage GOEL 370)**ResOx 5695-L**

Art. no. 610041

Residual oxygen measuring system (with recommended sensor element GOEL 381)

**General:**

New measuring system with gas pump for more measuring comfort - can now also be used in rigid packages and packages with low quantities of gas.

**Application:**

Quality control for MAP food packaging and comparable applications

**Specifications:**

**Measuring channels:** O<sub>2</sub>, T, air pressure

**Measurement ranges**

**O<sub>2</sub>:** 0.0 ... 100.0 % O<sub>2</sub> or displayed in hPa O<sub>2</sub>/mmHg O<sub>2</sub>

**Temperature:** 0.0 ... 50.0 °C

**Air pressure:** 300 ... 5000 hPa (Sensor: 500 ... 2000 hPa)

**Additional functions:** Min/max function – for comfortable measurement of the limit value  
Pressure compensation in the gas path – negative pressure in the package/on the sensor is compensated for

**Applicable sensors:** GOEL 370, 381 etc.

**Connections on the device**

**Sensor:** 7-pin bayonet  
Pressure port for hoses with inside Ø 4 mm

**Output/ext. power supply:** OUT socket: - 38400 baud interface  
- Analogue output 0 ... 1 V, adjustable  
- External 5 V power supply

**Calibration:** Quick calibration on air at the push of a button or 2-point / 3-point (Air +0 % and 100 %)

**GLP:** Calibrating interval, calibration history

**Data logger:** Cyclical: 10000, Single: 1000  
Single value logger with measuring point entry

**Pump:** Motorised membrane pump with input/output ports, battery-operated

**Max. negative pressure:** approx. -360 mbar

**Delivery rate:** with GDZ 29 Filter: approx. 80 ml/min

**Connection:** Pressure port for hoses with inside Ø 4mm

**Additional features:** Waterproof device and sensor (IP65, IP67), protective armouring, backlighting

**Scope of supply:**

Ready-to-operate system: Display GMH 5695, incl. battery, sensor housing with pressure connection, incl. sensor, gas pump GS 150, incl. battery, connection lines, hoses/T-piece, 2 GDZ 29 filters, 2 GOG-N puncture needles Ø 0.9 mm, 1 GOG-B: 45 pcs. adhesive seal, carry case GKK 1420

**QUICK MEASUREMENT:**

- Apply adhesive seal
- Puncture with needle
- Switch on the pump
- Read the minimum value after approx. 20 s

With very rigid packages in which greater negative pressure arises during the measuring process, additional sealing must be provided. For this purpose, please observe the instructions in the measuring system operating manual

**Accessories and spare parts:****GOG-A**

Art. no. 603043

Adhesive cellular foam (40 pcs.)

**GOG-B**

Art. no. 610013

Adhesive seal (45 pcs.)

**GOG-N**

Art. no. 603047

Puncture needle, Ø 0.9 mm (5 pcs.)

**GDZ-29**

Art. no. 601599

Filter membrane, including Luer locks (GDZ-25 and GDZ-26)

**GS 150**

Art. no. 610005

Gas pump

**GOEL 370**

Art. no. 601490

Spare sensor element, universal range, immersion gas, long-life

**GOEL 381**

Art. no. 610035

Spare sensor

**USB 5100**

Art. no. 601095

Interface adapter

**GSOFT 3050**

Art. no. 601336

Logger operating software