

ResOx residual oxygen measuring system

Handy device with 1 m cable range

Fine resolution with 0.01 % O₂

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 CO₂ 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: O₂, T, air pressure

Measurement ranges

O₂: 0.0 ... 100.0 % O₂ or displayed in hPa O₂/mmHg O₂

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