

RESIDUAL OXYGEN MEASURING SYSTEM RESOX



IMPROVED SUCCESSOR TO OUR
POPULAR GOG SET

HIGHLIGHTS:

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

ResOx 5695-H

Art. no. 610040

Residual oxygen measuring system with datalogger (for gases with elevated CO₂ percentage GOEL 370)

ResOx 5695-L

Art. no. 610041

Residual oxygen measuring system with datalogger (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

QUICK MEASUREMENT:

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

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 GOEL 370, 381 etc.

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 4 mm

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

Accessories and spare parts:

GOG-A

Art. no. 603043

Adhesive cellular foam (40 pcs.)

GOG-B

Art. no. 610013

Gasket sticker (45 pieces)

GOG-N

Art. no. 603047

Puncture needle, Ø 0.9 mm (5 pcs.)

GDZ-29

Art. no. 601599

Filter membrane, including Luer locks (GDZ-32 and GDZ-33)

GS 150

Art. no. 610005

Gas sampling pump

GOEL 370

Art. no. 601490

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

GOEL 381

Art. no. 610035

Spares sensor element

USB 5100

Art. no. 601095

Interface converter GMH 5xxx <=>PC

GSOFT 3050

Art. no. 601336

Windows software for GMH 3000 and GMH 5000 with logger