

RESIDUAL OXYGEN MEASURING SYSTEM RESOX



IMPROVED SUCCESSOR TO
OUR POPULAR GOG SET

HIGHLIGHTS:

- With data logger and interface
- Pressure-compensated measurement - especially important for rigid packaging!
- Inexpensive complete measuring system in a practical case

ResOx 5695-H

Item No. 610040

Residual oxygen measuring system with data logger, with GOEL 370 for protective gases with high CO₂ concentration

ResOx 5695-L

Item No. 610041

Residual oxygen measuring system with data logger, with GOEL 381 for shielding gases in general, precise even with very small measured values

GENERAL:

New measuring system with new gas pump for more measuring comfort – now also usable in rigid packaging and packaging with small amounts of gas.

APPLICATION:

Quality control of MAP food packaging and comparable applications

FAST MEASUREMENT:

- Apply sealing sticker
- Insert the needle
- Switch on the pump
- Read minimum value – after approx. 20 s

TECHNICAL SPECIFICATIONS:

Measurement channels:	O ₂ , T, air pressure
Measuring ranges	
O ₂ :	0.0..100.0 % O ₂ or display in hPa O ₂ /mmHg O ₂
Temperature:	0.0..50.0 °C
Air pressure:	300..5000 hPa (sensor: 500..2000 hPa)
Additional functions:	Min/Max function – for convenient measurement of the final value Pressure compensation in the gas path – negative pressure in the packaging/at the sensor is compensated
Usable sensors:	GOEL 370, 381, etc.
Compatible on the device	
Sensor:	7-pole bayonet pressure connection for tubes with an inner diameter of 4 mm
Output/ext. Care:	OUT socket: - Interface 38400 baud - Analog output 0.1 V, adjustable - ext. 5V supply
Calibration:	Quick calibration in air at the push of a button or 2 point/3 point (air + 0 % and 100 %)
GLP:	Calibration interval, calibration history
Data logger:	Cyclic: 10000, single: 1000 single value logger with input of measuring points
Pump:	Motor-driven membrane pump with inlet/outlet connection, battery-operated
Max. Negative pressure:	approx. -360 mbar

Delivery rate:	with GDZ 29 filter: approx. 80 ml / min
Connection:	Pressure connection for tubes with an inner diameter of 4 mm
Other features:	Device and sensor waterproof (IP65, IP67), protective armor, background lighting
Scope of delivery:	Ready-to-use system: display GMH 5695 incl. battery, sensor housing with pressure connection incl. sensor, gas pump GS 150 incl. battery, instructions, tubes/T-piece, 2 GDZ 29 filters, 2 GOG-N puncture needles Ø 0.9 mm, 1 GOG-B: 45 pcs. sealing sticker, case GKK 3700

ACCESSORIES OR SPARE PARTS:

GOG-A	Item No. 603043 Cell foam stickers (40 pieces)
GOG-B	Item No. 610013 Sealing sticker (45 pieces)
GOG-N	Item No. 603047 Insertion needle, Ø 0.9 mm (5 pieces)
GDZ-29	Item No. 601599 Filter membrane including Luer locks (GDZ-32 and GDZ-33)
GS 150	Item No. 610005 Gas pump
GOEL 370	Item No. 601490 Spare sensor element oxygen, universal use, diving gas, long life
GOEL 381	Item No. 610035 Spare sensor element oxygen
USB 5100	Item No. 601095 Interface converter GMH 5xxx <=> PC
GSOFT 3050	Item No. 601336 Windows software for GMH 3000 and GMH 5000 with logger