

## 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 CO<sub>2</sub> 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:**

<b>Measurement channels:</b>	O <sub>2</sub> , T, air pressure
<b>Measuring ranges</b>	
O <sub>2</sub> :	0.0..100.0 % O <sub>2</sub> or display 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)
<b>Additional functions:</b>	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
<b>Usable sensors:</b>	GOEL 370, 381, etc.
<b>Compatible on the device</b>	
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
<b>Calibration:</b>	Quick calibration in air at the push of a button or 2 point/3 point (air + 0 % and 100 %)
<b>GLP:</b>	Calibration interval, calibration history
<b>Data logger:</b>	Cyclic: 10000, single: 1000 single value logger with input of measuring points
<b>Pump:</b>	Motor-driven membrane pump with inlet/outlet connection, battery-operated
<b>Max. Negative pressure:</b>	approx. -360 mbar

<b>Delivery rate:</b>	with GDZ 29 filter: approx. 80 ml / min
<b>Connection:</b>	Pressure connection for tubes with an inner diameter of 4 mm
<b>Other features:</b>	Device and sensor waterproof (IP65, IP67), protective armor, background lighting
<b>Scope of delivery:</b>	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:**

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