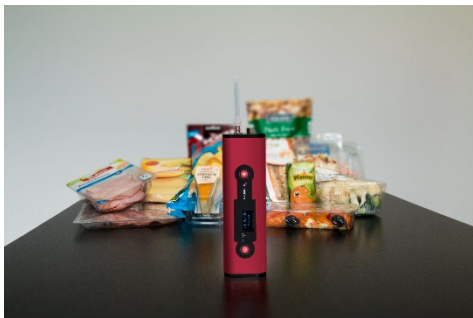


## TecPen MAP Oxygen Analyzer

### Portable Trace Oxygen Sampler for Modified Atmosphere Packaging

- Designed to measure oxygen content in pierceable containers
- Optochemical O<sub>2</sub> sensor system for gaseous media
- Lifetime of sensor cap: 2 years
- Immediate operational readiness without warm-up time
- High measuring accuracy
- Suitable for very low gas volumes
- Easy to use due to factory calibration and built-in display
- High flexibility due to handy, compact design
- Integrated memory & data transfer via USB
- Replaceable particulate filter



### APPLICATIONS

- Food packaging with modified gas atmosphere (MAP packaging)
- Head space of vials, cell culture vessels, infusion containers, syringes
- Micro-bioreactors

Not for use in organic or corrosive gases

Revision 5

For more information contact us at 386-872-7668, [Info@gaslab.com](mailto:Info@gaslab.com) or [www.gaslab.com](http://www.gaslab.com)

## SPECIFICATIONS

TS-System	TecPen MAP O2	
Measurement range	0-5%	
	<b>Range</b>	<b>Accuracy</b>
	0-0.5%	± 2% Mev**
	0.5-2.5%	±3% Mv*
	2.5-5%	±5% Mv*
Resolution	0.001%	
Response time at 25°C/ 77°F	<150ms	
Pump flow max.	67 mL	
Temp. range Min./Max	-10°C/ +60°C	
	14°F/140°F	
Medium	Gas	
Power supply	5V USB and LiPo battery	
Rechargeable battery lifetime	> 3 hours per charge	
Data Interface	USB	
Temperature compensation	10-30°C	
	50-86 °F	
Display	OLED Display	
Cleaning housing	no organic solvents. 40% EtOH	
Parts touching sample	St.1.4404/ PTFE/ Glas	
Case	aluminium anodized	
Protection	IP65	
Full service interval by Manufacturer (includes necessary retrofitting)	3 years	
Life time of sensor spot (protective atmosphere; 0- 40°C)	24 months	
Sensor cap replacement interval	2 years	
Recommended zero-point adjustment interval by customer	6 months	
Warranty	1 Year ex works	

\*\*Mev = measured end value

\*Mv = measured value

## TECPEN MAP INCLUDES

- TecPen MAP
- 1 USB Cable
- 1 USB Stick
- 1 Case
- 12 Septums
- 2 Sampling Needles 25/0.8
- 2 Particle filters
- 1 Hose adapter

