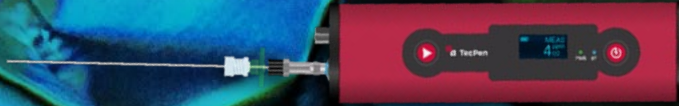


TECWELD OXYGEN ANALYZER



Accuracy, Precision, and Sensitivity Matters.

The TecWeld 0-2000ppm O₂ Analyzer is designed to provide accurate gas measurements of oxygen content in welding and industrial applications. The analyzer is ideal for assisting welders in ensuring quality work, efficiency, and best welding results.

Features

- Extremely effective O₂ optochemical sensing
- TecWeld enables measurements in 3 seconds
- Large display for gaseous media
- Bluetooth and USB connectivity
- Compact, Modern Sleek Design
- Calibrated prior to shipment
- Data Logging capabilities among Android devices or USB transfer

Applications



Welding



Fabrication



Industrial



Analysis

TECHNICAL DATA

TecWeld Oxygen Analyzer

Measurement Range	0 – 2000 ppm or 0-2 mg/L
Accuracy @ 0-500 ppm:	2% Mv* ± 10 ppm
Accuracy @ 500-1000 ppm:	3% Mv* ± 30 ppm
Accuracy @ 1,000-2,000ppm:	4% Mv*
Resolution:	0.05%
Response time at 25°C:	< 15 seconds
Pump flow:	400mL/min.
Temp. range Min./Max:	14°F-140°F° (-10°C-60°C)
Medium:	Gas
Lifetime of sensor cap:	2 years @ normal welding conditions and atmosphere, 60°C with proper filtering
Power Supply:	5V USB and LiPo Battery
Storage Capacity:	4GB
Rechargeable battery life:	> 3 hours per charge
Data Interface:	USB
Temperature compensation:	50 - 86°C (10 - 30°C)
Display:	OLED
Cleaning:	no organic solvents, 40% EtOH
Device Weight:	0.50 lbs.
Device Dimensions:	7 x 2 x 1 inch
Protection class:	IP65
Manufacturer service Interval:	3 years
Sensor cap replacement interval:	2 years
Recommended customer calibration interval:	6 months

*Mv = measured value

**Mev = measured end value



Call 1.877.678.4259

Email Sales@CO2Meter.com | Support@CO2Meter.com

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