

TS-302

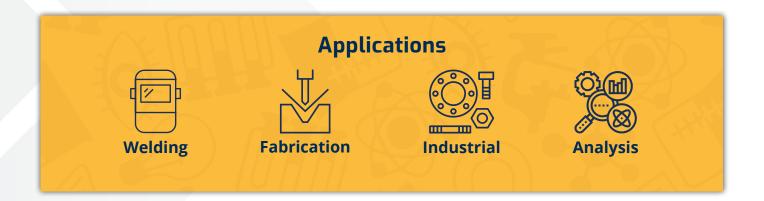


Accuracy, Precision, and Sensitivity Matters.

The TecPen Oxygen and Carbon Dioxide Weld Purge Monitor is designed to provide accurate measurements down to 0% oxygen and up to 100% carbon dioxide when back purging with argon and CO_2 gas mix during welding. This portable O_2 and CO_2 analyzer will verify that there is no oxygen during argon back purging for TIG welding, or argon CO_2 blend for MIG welding.

Features

- Provides accurate measurements down to 0% O₂
- Measures CO₂ levels up to 100%
- Prevents welding defects
- Can be used immediately, does not require warm-up time
- Data logging capabilities with USB transfer for Quality Control/Inspection
- Ideal for MIG/TIG welders and industrial applications or environments



TECHNICAL DATA

TecWeld O₂ + CO₂ Weld Purge Monitor

Measurement Range 0 – 2000 ppm

Accuracy @ 0-500 ppm: 2% MEV**

Accuracy @ 500-1000 ppm: 3% Mv*
Accuracy @ 1,000-2,000ppm: 4% Mv*

Resolution: 1ppm

Response time at 25°C: < 15 seconds

Pump flow: 400mL/min.

Temp. range Min./Max: 14°F-140F° (-10°C-60°C)

Medium: Gas

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

^{**}Mev = measured end value





Let's Get Social — @CO2Meter on:







^{*}Mv = measured value