

CO2 WELDING GAS ANALYZER



Your Trusted CO2 Welding Gas Solution

The CM-650 Welding Gas Analyzer is designed to indicate correct CO₂ concentrations of welding gas mixtures. The device features two standard 1/4 inch NPT inlet ports to allow the user to monitor the concentration of the welding gas during welding operations.

Features

- Large LCD display for clear visual indication of gas concentrations
- Green / Red visual indicators for easy understanding of gas being used in spec
- Two gas inlet port to check C25 and C15 gases simultaneously
- User configurable gas blends available upon request
- Built-in flow @ 1 LPM
- Standard fittings for easy connection
- Stability for span calibration
- Data logged on board retrieved from USB port
- Steel back plate for easy panel or wall mounting
- Rugged outdoor enclosure

Accessories

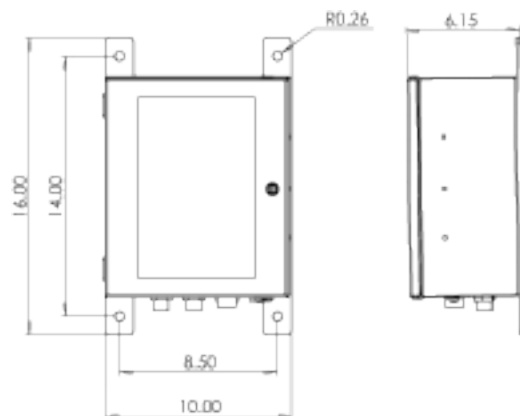
- **CM-1026-5,6** | CO₂ Storage Safety Strobe Tower

Applications



Welding Shield Gases, Welding Shack, Welding Caddy, Welding Shop

TECHNICAL DATA



Welding Gas Analyzer Specifications

CO₂ Measurement Range	0-100%
CO₂ Measurement	NDIR 100% CO ₂
Accuracy	100% Range: ±300 ppm +/-5% of reading @ STP
Operating Temperature	0°C - 50°C
Calibration	Span Calibration 15% or 25%
Target Gas Ranges	Port 1: 22.5%-27.5% Port 2: 12.5%-17.5%
Gas Concentrations	Custom Gas Concentrations Available
Measurements	Requires 1 liter per minute of constant flow per channel
Resolution	0.1%
Alarm Relays	3
Dimensions	16 x 10 x 6 (inches)
Sensor Life Expectancy	> 5 years
Weight	30 lbs.

Electrical and Mechanical Specifications

Power Supply	24VDC Hard-wired
Power Consumption	3 Watts
Peak Current	33mA



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