



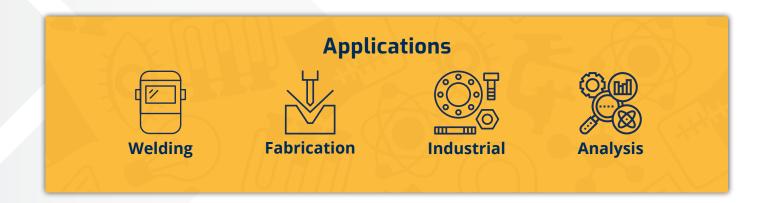
TECWELD 02 + CO2 WELD PURGE MONITOR

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 CO₂ gas mix during welding. This portable O2 and CO₂ analyzer will verify that there is no oxygen during argon back purging for TIG welding, or argon CO₂ 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 02 + CO2 Weld Purge Monitor

	Oxygen		Carbon Dioxide	
Measurement Range	0 – 2000 ppm		0-100% CO2	
Accuracy	Range	Accuracy		
	0-500 ppm	±2% Mev**	+/- 5% M∨*	
	500-1000 ppm	±3% Mv*		
	1000-2000 ppm	±4% Mv*		
Resolution	1ppm		0.01%	
Response time at 25°C/ 77°F	<15 sec		<1min	
Temp. range Min./Max:	-10°C/ +60°C		-25°C/55°C	
	14°F/140°F			
Power supply:	5V USB and LiPo Battery		5V USB and LiPo Battery	
Rechargeable battery lifetime:	> 3h per charge		> 3h per charge	
Data Interface:	USB			
Temperature compensation:	10-30°C		25-60°C	
	50-86°F			
Display:	OLED Display		OLED Display	
Case:	Anodized aluminum		Anodized aluminum	
Case with Device Weight:	2.45 lbs.		2.45 lbs.	
Case Dimensions:	12 x 11 x 3.25 inches		12 x 11 x 3.25 inches	
Device Weight:	0.50 lbs.		0.50 lbs.	
Device Dimensions:	7 x 2 x 1 inch		7 x 2 x 1 inch	
Protection class:	IP 65		IP 65	
Main service interval (Service including necessary retrofitting):	3 years			

*Mv = measured value
**Mev = measured end value



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