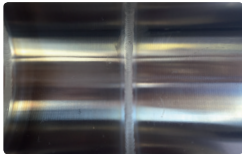


Mechanized Orbital Welding

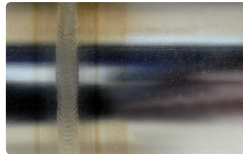
Gas Management & Auxiliary Equipment



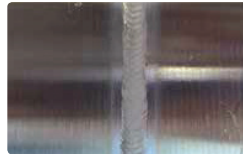
Precision purging is essential for controlling weld quality, particularly when welding high-alloy, corrosion-resistant materials that are extremely sensitive to oxygen in the welding process.



7 ppm (0.0007%)



27 ppm (0.0027%)



500 ppm (0.05%)

* Compatible controller required. Contact your Praxair representative to discuss your application.

Maintain Weld Quality During the OXY Process

Precise purging helps you control weld quality when using oxygen in the welding process

Residual Oxygen Analyzers

TECHNICAL DATA	
MEASURING RANGE	5 ppm -21% O ₂
AMBIENT TEMPERATURE	0 – 45°C
MEASURING ACCURACY	+/- 0.3 mV (EMK sensor)
STABILIZATION TIME	10 – 14 min
RESPONSE TIME	Approx 2 seconds for changer
DIMENSIONS (L x W x H)	190 mm x 270 mm x 55 mm
MAINS VOLTAGE	Multi-range 90 – 260 VAC
HEATING CYCLE LOAD	approx 40 VA
STANDARD LOAD	approx 20 VA

- Simple menu navigation
- For inert gases and mixed gases containing hydrogen
- Measuring cell made of zirconium oxide—0 maintenance
- Large, high resolution touch screen panel
- SD card interface stores documentation
- User adjustable alarm limits and thresholds
- Shows figures outside setpoint values
- Audible key tones and alarms
- Compatible with Bluetooth devices

**AVAILABLE
HANDHELD MODELS**

OXY 3 Analyzer



PACKAGE INCLUDES:

- Power cable
- Hors set, 3 m including filter and stainless steel probe
- Calibration certificate
- Plastic carrying case

Purge Pressure Analyzer

- Digital ID purge pressure gauge
- Purge pressure monitoring is part of the weld schedule program and weld data record.

PACKAGE INCLUDES:

- Includes sampling hose
- Integrates with Tigtronic Compact controllers

PPA 2500

