

OXYGEN ANALYSERS AND PURGE PRESSURE ANALYSERS

OXY EVO, OXY EVO PPA

1.2.5000

Oxy-EVO



OXY EVO OXYGEN ANALYSER (Autorange)

- Extremely easy menu navigation
- For inert gases and gases containing H₂ (max. 10%)
- Measuring cell made of zirconium oxide (maintenance-free)
- 3.5" colour touch display
- USB interface for exporting documentation
- Digital and analogue interface and Bluetooth for communication with our orbital welding controllers and other PSPS
- Activation and evaluation exclusively using the digital interface
- User-definable threshold and alarm adjustment
- Acoustic signal generator
- Display has a coloured background outside the target values
- Autorange 100 – 240 V

Technical data:

Measuring range	5 ppm – 21% O ₂
Ambient temperature	0 – 45 °C
Measuring accuracy	+/- 0.3 mV (EMK sensor)
Heat-up time	3 – 5 min
Response time	approx. 2 seconds for changes
Dimensions (L x W x H)	180 mm x 210 mm x 85 mm without handle
Mains voltage	100 – 240 V AC
Heating cycle load	approx. 40 VA
Standard load	approx. 20 VA
Weight	2.1 kg

Package includes:

- Oxygen analyser
- Power cable
- Hose set, 3 m, incl. filter and probe
- Calibration certificate
- Transport case



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OXY EVO PPA OXYGEN ANALYSER (Autorange)

The additionally installed purge pressure module can be used to measure the purge gas pressure inside the tube before and during welding. Perfectly flat, repeatable root formations can be achieved by regulating the internal pressure – especially for smaller tube diameters.

Documentation can take place by connecting to the TIGTRONIC ORBITAL, TIGTRONIC COMPACT and EVO controllers. Current values can also be saved on a USB stick following a previously defined interval.

Technical data (in addition to OXY EVO):

Input voltage	24 V (POWER supplied by Oxy EVO)
Calibrated measuring range	0 – 2,500 Pa

Package includes (in addition to OXY EVO):

- In-built purge pressure module
- 3 m measuring hose
- 6 mm T-piece
- Calibration certificate (pressure)

PPA COM CABLE FOR OXY EVO

for connecting to TIGTRONIC ORBITAL and EVO, 3 m

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