

# OXYGEN ANALYSERS AND PURGE PRESSURE ANALYSER

OXY EVO, OXY EVO PPA

Item number

## Oxy-EVO

### OXY EVO OXYGEN ANALYSER

- Simple menu navigation
- For inert gases and mixed gases containing hydrogen
- Measuring cell made of zirconium oxide (maintenance-free)
- 3.5" colour touch panel
- USB interface for storing documentation
- Digital and analogue interface as well as Bluetooth for communication with our controllers and other PLC's
- Activation and reporting through the analyser and the digital interface
- User adjustable alarm limits and thresholds
- Audible key tones and alarms
- Colour display for figures outside setpoint values
- Multirange

#### Technical Data:

Measuring range	5ppm - 21% O <sub>2</sub>
Ambient temperature	0-45° Celsius
Measuring accuracy	+/- 0.3 mV (EMK Sensor)
Stabilisation time	10-15min
Response time	approx. 2 seconds for changes
Dimensions (L x W x H)	180mm x 210mm x 85mm without handle
Main voltage	Multirange 100-240V AC
Heating cycle load	approx. 40VA
Standard load	approx. 20VA
Weight	2.1kg

#### Package includes:

- Oxygen analyser
- Power cable
- Hose set, 3m incl. filter and stainless-steel probe
- Calibration certificate (oxygen analyser)
- Plastic case

### OXY EVO PPA OXYGEN AND PURE PRESSURE ANALYSER

The additional assembled purge pressure module can get used for setting and monitoring the ID purge pressure. Through regulation of the inside purge pressure for smaller tube diameters perfect flat and repeatable welding seams can get achieved. Documentation can be done in connection with the TIGTRONIC ORBITAL, TIGTRONIC COMPACT as well as EVO controllers. In addition, actual values can get memorized in a predetermined interval on an USB stick.

#### Technical Data (in addition to Oxy EVO):

Input voltage	24V (via the Oxy EVO)
Measuring range calibrated	0 - 2500 Pa

#### Package includes (in addition to Oxy EVO):

- Assembled purge pressure module
- Sampling hose 3m
- 6mm T-fitting
- Calibration certificate (purge pressure analyser)

1.2.5000

1.3.5003