

OXYBOX'ATM

OXYGEN PARTIAL PRESSURE TRANSMITTER



OXYBOX'ATM is a transmitter designed for measuring partial oxygen pressure. Simple and cost-effective, **OXYBOX'ATM** is the solution for easy integration of oxygen measurement into your applications and systems.

It integrates **SETNAG's** unique technology, the MicroPoas®¹ zirconia probe with internal metallic reference. This unique probe makes the analyzer independent of ambient air and even more reliable.

OXYBOX'ATM allows:

- Measurement of partial oxygen pressure from 10^{-30} to 0.25 atm O₂.
- Data storage and transfer via the RS485 (Modbus) output or the USB port.

¹ Brevet ANVAR/CNRS/U. Grenoble

• ITS STRENGTHS

- Atmospheric control
- Partial oxygen pressure measurement
- Fast response time
- Range: 10^{-30} to 0.25 atm O₂
- Compact and safe system
- Easy and quick installation
- Limited maintenance and upkeep
- Excellent measurement reliability



• TECHNICAL DATA



MEASUREMENT PRINCIPLE	MicroPoas® zirconia probe with internal metal reference
SCALE	10 ⁻³⁰ to 0.25 atm O ₂
FLOW RATE	1 to 3 l/h
REPOSE TIME	< 2s
OUTPUT SIGNAL	RS485 Modbus protocol
PRECISION	2% of the measure
DIMENSION AND WEIGHT	Wall-mounted dimensions: 200x220x290mm - 6kg
POWER SUPPLY	24 Vdc
ENVIRONMENT	Temperature: 0 to 55°C Humidity: 5 to 90% without condensation

Supplied with a USB cable, a USB key containing the operating manual and the software for configuration and data storage.

OPTIONS

- Power supply: 24VDC, 2.5A, DIN rail mount
- Integrated electronic flow meter and alarm

Contact us

