

LISO/F OXYGEN SENSOR IN THE GASES

The **LISO/F** sensor, designed and manufactured by SETNAG, meets the needs of a wide range of industrial users. It incorporates SETNAG's unique technology, the MicroPoas¹ zirconia probe with an internal metallic reference.

When paired with the Oxybox'Air transmitter, it can measure both trace levels of oxygen and percent-level concentrations without risk of sensor damage.

The sensor is mainly composed of:

- A Liso MicroPoas with its heating element
- A support body for the Liso micro-gauge with insulation
- A special cable for measurement and furnace power supply

¹ Patent: ANVAR / CNRS / University of Grenoble



• APPLICATIONS

- Gas purity control (nitrogen, argon, helium, etc.)
- Inerting or leak tightness control
- Atmosphere control
- Breathing or medical gas mixture control
- Glove box leak tightness
- Climatic chamber monitoring



• TECHNICAL DATA



MEASUREMENT PRINCIPAL	MicroPoas® Zirconia probe with internal metallic reference
STANDARD MEASUREMENT RANGE	50 ppm to 25% Vol.O2
TEMPERATURE OF GASES	-110 to +100C°
REPONSE TIME	< 5 seconds according to NF X20-300 standard criteria
PRESSURE OF THE GAS TO BE ANALYSED	Up to 3 bar, depending on the version
DIMENSIONS AND WEIGHT	Sensor: 200 (l) x 33 mm (Ø) - 0.7 Kg
STORAGE CONDITIONS	Humidity: 5 to 90% without condensation Temperature: 0 to 55°C
PROTECTION RATINGS	IP20 and IK0
CONSUMPTION	10 Wh



OPTIONS

- Additional meter of cable

Please contact us

- Calibration fitting
- Oxybox'Air

