

## EXTRACTIVE GAS PHASE OXYGEN ANALYSER.



The analyser is based on a fully stabilized zirconia element.

The cell is warmed up by an armored heater to reach and maintain the working temperature of the cell.

The electronic unit, microprocessor based, drives a led display, the alarms and an optional printer. A membrane pump, whose wet parts are built in corrosion resistant material, pulls the sample from the plant and push it to the flowmeter provided with a middle value and to the measuring cell.

This model is the ideal instrument to measure low or very low oxygen content in clean gas. A suitable filter must be placed at the entrance if the sample may contain particulate.

For flue gas measuring, it is necessary to condensate and drain the moisture before entering into the analyser.

## TECHNICAL SPECIFICATIONS

- Measuring field 0 ppm – 25% O<sub>2</sub> (volume)
- Accuracy ± 1% FS in the field 0 – 25% O<sub>2</sub>  
± 0.5% FS in the field 0 – 2000 ppm O<sub>2</sub>
- Response time (90%) < 30 sec.
- Repeatability with 1%
- Analog output isolated, linear selectable on the following fields
  - 0-2000 ppm
  - 0-5%
  - 0-10%
  - 0-25%
- Alarms
  - Powered oxygen high and low
  - Status alarm
- Flow 0.5 – 1 l/min.
- Room temperature -10 / + 40 °C
- Dimensions mm. 400X500X250

## OPTIONS

Printer on normal paper. Printing intervals selectable from 1 to 10 minutes.

Flow alarm.

Zirconia cell, electronic unit, display, can be supplied separately for installing inside the housing of the customer.

FER STRUMENTI srl  
Italia - 20038 SEREGNO (MI) - Via Ripamonti, 58  
tel. +39 0362 231203 - Fax +39 0362 330349  
e-mail:ferstrumenti@fer-strumenti.com

FER STRUMENTI S.r.l. reserves the right, without any notice, to make any modifications needed for improving the product.

*C-100016 rev.1*