

# MONITORING IN ENVIRONMENT

- CO2 Excess in the air -

## DIOXYTEST

Everywhere where CO2 is used, there must be a system of detection which prevents if the thresholds dangerous for the workers are exceeded.

You will be in rule with this obligation by installing the "DIOXYTEST" which will inform in a way visual and sound if the thresholds are with the top of the normal by aspirating uninterrupted the ambient air to a certain point.

- 0.03% of CO2 correspond to a normal concentration.
- 0.5%, your breathing is slightly deeper (maximum time of exposure: 8H).
- 2%, your pulmonary ventilation is increased 50% (accelerated rate of heartbeat).
- 3%, your pulmonary ventilation is multiplied by 2.
- With the top of 3%, CO2 becomes dangerous for health (headaches...).

### STRONG POINTS

- ✓ Tight detector.
- ✓ Digital display.
- ✓ Pump integrated aspiration.
- ✓ 3 indicators of indications (1 normal and 2 alarms)
- ✓ 1 cutout relay by alarm to control apparatuses external.



### TECHNICAL CHARACTERISTICS

- Infrared Sensor CO2
- Scale : 0 to 3% CO2
- Resolution : 0.01% (100 ppm)
- T° of use : +5 to +40 °C
- Power : 230 V - 50 Hz
- Dimensions : 22x17x10 cm
- Weight : 1,4 kg

- 2 adjustable alarms with indicators (pre-alarm and alarm)
- Adjustment of the threshold of detection
- 1 relay by alarm with dry contact: NF 250V - 8A
- sound signalling Hooter interns 80 dB
- Case IP65



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