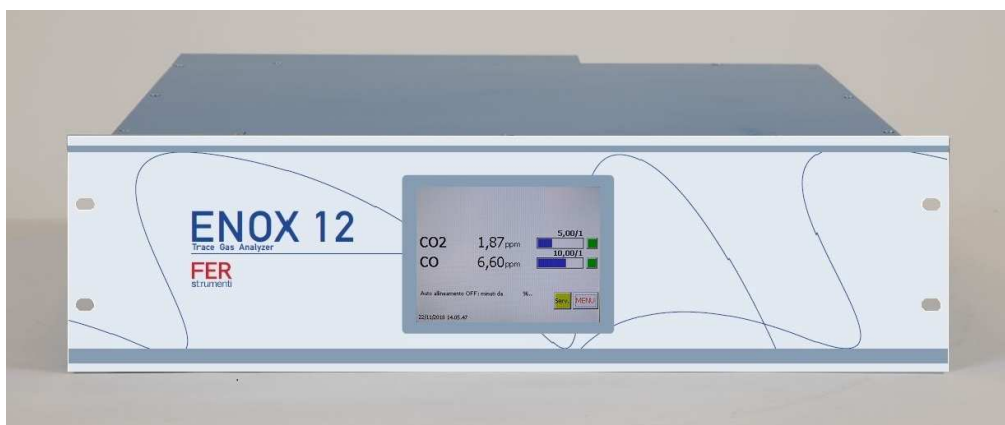


GAS PURITY ANALYZER LOW AND ULTRALOW RANGES

MOD. ENOX 12



- Contemporary Measurement up to five gases.
- IR measure based on GFC technology.
- For each gas, availability of two ranges with autoranging.
- Automatic zero calibration. Excellent Span stability.
- Temperature inside the enclosure PID regulated and compensated..
- Barometric pressure compensation.
- Backlit LCD touchscreen display.
- Lack of flow alarm.
- User friendly, menu driven menu
- Ethernet communication with Modbus TCP protocol
- Optional expansion module for analog and digital I/O hard-wired.

Quality (purity) of gases require very accurate measurement of contaminants

The technology that has been chosen and a careful stabilization of the temperature of the analyzer enable the measure with ultra low ranges.

The analyzer that automatically perform zero calibration has no span drift. This means it is not necessary to make recurrent span calibration with expensive test gas mixture.

The analyzer, that has been studied for measuring trace of CO, CO₂, CH₄, can measure any other gas that has a significant absorption in the IR in the range of sensitivity of the sensor, like HCl....

APPLICATIONS

Trace impurity in industrial gases – Continuous monitoring of air quality – Air separation measurement
PSA – Purity of medical gas – Continuous monitoring of emissions (CEMS) with dilution

FEATURES

Measured gas	CO	ranges ⁽¹⁾	0-10	0-100 ppm
			0-50	0-500 ppm
	CO ₂		0-5 ⁽²⁾	0-100 ppm
			0-50	0-100 ppm
	CH ₄		0-10	0-100 ppm
			0-50	0-500 ppm

More ranges upon request

(1) at constant temperature

(2) enclosure must be purged using with a gas CO₂ free.

Accuracy	< 1 % F.S
Zero drift	none, if automatic zero calibration is on
Response time (90%)	< 30 sec. (T90) at 80% F.S.
Noise	20 ppb
Gas flow	0.5 - 2 l/min
Serial output	Mod bus RTU; RS 485
Analog / digital output	4 – 20 mA con modulo di espansione
Maximum gas pressure	300 mm H ₂ O
Room temperature limits	10 – 30°C
Power supply	230/115; 50/60Hz
Dimensions (LxHxD)	Rack 19", 3U. mm 485x132x450
Weight	Kg. 12

FER STRUMENTI srl
Italia - 20831 SEREGNO (MI) - Via Ripamonti, 58
tel. +39 0362 231203 - Fax +39 0362 330349
 www.fer-strumenti.com  ferstrumenti@fer-strumenti.com