

EXHAUST GAS ANALYSERS 8020 • 8040



Eurogas 8020: Infrared exhaust gas analyser (Siemens bench)-CO- corr.CO -CO2-HC-O2-NO (Electrochemical or infrared as optional). Complete with Temperature probe, rpm inductive clamp and 24 col. printer
Optional accessories: hand held terminal 8024, Lambda tester 8046, No sensor 8045, Trolley. Connectable to PC (through software 7101 USB or LPT) and directly to item 9010.

Eurogas Module 8040: Infrared Exhaust gas analyser module to be connected to PC through 7101. CO- corr.CO -CO2-HC-O2-NO (Electrochemical or infrared as optional)

Infrared Siemens bench
Complete with temperature probe, rpm inductive clamp.
Optional accessories: Connectable to PC (through software 7101 USB or LPT), NO sensor 8045 , trolley.

TECHNICAL FEATURES:

- Precision: Class 1 - OIML R99 / ISO 3930 + ed. 2000
- Zero Setting: Automatic (frequency: automatic)
- Calibration: Automatic (frequency: depending on the homologation)
 - Gas Sample Intake: min. 6 litres/minute nominal 8 litres/minute
- Condensate Separation: Two stage unit with coalescence filters (+1 additional filter for pump protection)
- Condensate Scavenging: Automatic and continuous
 - Flow Control: Automatic and continuous
 - Mains Voltage Check: Automatic and continuous detection of undervoltage conditions
 - Leak Test: Automatic (frequency: depending on the homologation)
- HC Hangup Test: Automatic (frequency: depending on the homologation)
- Response Time: complying with OIML requirements with a

MEASUREMENT FEATURES 8020 • 8040

Value	Method of measure	Range	Resolution	Accuracy	Unity of measure
CO	IR bench	0 ÷ 14.00	0.001 (0...9.999) 0.01 (10.00...14)	±0.01	% vol
CO ₂	IR Bench	0 ÷ 18.00	0.01	±0.3	% vol
HC	IR Bench	0 ÷ 9999	1	±0,4	ppm vol
O ₂	Electrochemical cell	0 ÷ 25.00	0.01	±0.1	% vol
NO (optional)	Electrochemical cell	0 ÷ 5000	1	0 ÷ 4000 ± 160 4000 ÷ 5000 ± 250	ppm vol
	Bench IR	0 ÷ 5000	1	±25	ppm vol
LAMBDA	Numerical Computing	0,500 ÷ 1,500	0,001	•••	•••
Corrected Co	Numerical Computing	0 ÷ 15	0,01	•••	% vol
RPM	Induction clamp	0 ÷ 9990	10	± 10	min • 1
Oil temperat.	Thermocouple	0 ÷ 150	1	±3	°C