

The gas analyzer + SMOKEMETER is modern equipment, prepared and ready to meet the requirements of UNE 82503 DIN 57411, SAE J1677 USA / Canada (SMOKEMETER) and OIML R99 Class 1 and 0, ISO 3930, UNE 82501, bar 90, bar 97, US EPA ASM (gas analyzer).

Adapted to current standards for vehicles with dual exhaust systems, and possibility of two measurements

Adapted to measurements of **GLP, GNC and GNL**

MEASUREMENT
CO, CO₂, HC, O₂ NOx

Certification and commissioning
Module F

Standard Equipment

- Gas analysis equipment
- Graphic LCD display
- 5-key keyboard
- Thermal Printer
- Centralization output
- Keyboard input
- Petrol and diesel rev counter, oil temperature
- Smokemeter analysis equipment
- Commissioning certificate for Smokemeter modulo F
- Petrol and diesel rev counter, oil temperature
- Centralization output

Technical Data Smokemeter

- Power Supply: 220 V 50-60 Hz
- Storage temperature: de 0 °C a 40 °C
- Centralization output
- Dimensions: 400 x 180 x 289 mm (l x a x p)
- Weight: 7 Kg

Technical Data Gas Analyzer

Gases	CO, HC, CO ₂ , O ₂ y (NOx optional)
Lambda factor calculation and corrected CO	
Storage temperature	-50 °C a 70 °C
Operating temperature	-5 °C a 45 °C
Operating pressure	750 - 1.100 mbar (1000 mbar nominal)
Automatic removal of water and particles	>5 µ.
Power Supply	220 V a 50 Hz
Oil temperature gauge	0 - 150 °C ; resolution 1°C
R.P.M. Meter	0 - 9990 ; 10 r.p.m.
Lambda	0,001 ó 0,01 ; configurable
Complies with UNE 82.501, OIML R class 1 and 0, ISO 3930, BAR 90, BAR 97, US. EPA ASM	
It has a database and rejection assessment	



*** Trolley furniture not included in Standard Equipment**

Debido a la continua evolución de nuestros productos, las características técnicas y de diseño podrían estar sujetas a modificaciones, sin previo aviso.

Measurement range and Resolution

MEASUREMENT	RANGE	Resolution
N	0-100 %	0,1 %
K	0,00 a 9,99 m -1	0,01 m -1




MEASUREMENT	RANGE	NORMAL	HIGH
HC	0 - 20.000 p.p.m. vol. Kex	1 p.p.m.	1 p.p.m.
CO	0 - 15 % vol.	0,01 %	0,001 %
CO ₂	0 - 20 % vol.	0,1 %	0,1 %
O ₂	0 - 21,7 % vol.	0,1 %	0,01 %
LAMBDA	0,8 - 1,2	0,01	0,001
NOX	0 - 5.000 p.p.m. vol.	1 p.p.m.	1 p.p.m.

Dimensions

Dimensions Smokemeter	500 x 250 x 450 mm.
Dimensions Smokemeter packed	480 x 390 x 300 mm.
Weight packed equipment	8,5 kg.
Gas equipment dimensions	400 x 400 x 190 mm.
Gas equipment dimensions packed	570 x 470 x 190 mm.
Weight packed equipment	10 kg.

Optional Equipment

	GEN-ENAC	ENAC certified
	GEN-LCS	Calibration lenses
	AGH-SOF	PC integration software, database and cabling Connections
	RY3	R.P.M. and Accessories kit for r.p.m. measurement
	868800	R.P.M. and Accessories kit for r.p.m. measurement
	AGH-NOX	Sensor NOx
	AGH-2S	Gas inlet hose with double probe

	AGH-ATE	Motorcycle Exhaust Adapter Kit
	GEN-EOB	EOBD kit, integration with gas equipment and software
	GEN-SAH	Extendable Smokemeter system for vehicles with vertical exhaust behind the cab.
		Approved probe extension 745 mm.
		Approved probe extension 2.345 mm.
		Approved probe extension 3.840 mm.

Optional cabinet

	TROLLEY Mobile stand for computer and printer		CABINET GASES Cabinet only Dimensions: 700 x 500 x 1.550 mm.
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