

MICRO-GAS MGA-5PC

The world's most advanced emission system

Complete gas analyzer for gas and gasoline engines.
In accordance with ISO 3930, OIML R99 class 0
and Bar 97 approved.



5 GASTESTER

MGA-5PC is our new PC base gas analyzer equipped with very high-tech infrared measurement bench, which is in accordance with the latest legislation and high measurement accuracy.

MGA-5PC is a significant contribution to the technology market.

The machine is characterized with short measurement periods and a very quick warm-up time, of less than 40 seconds. Additionally, what makes MGA-5PC more attractive is the simplicity of its operational and easy maintenance devices, thanks to the intelligent software.

Furthermore the detection of errors and any coming errors by the system enables operators to take instant actions in every situation at hand.

Features

- ▶ Simple operation and easy maintenance.
- ▶ Full color on screen including Green/Red colors, indicating the Pass/Fail state.
- ▶ Optimized combination of software and hardware for rapid troubleshooting, qualified reparation and high time saving.
- ▶ Connection capability with most modern RPM counter devices
- ▶ Can be upgraded with smoke module to complete emissions testing station.
- ▶ Network capabilities (MicroNet, Bnet, ASA,...)
- ▶ OBD, EOBD Scan tools (optional) for various diagnostic like engine temperature, RPM...
- ▶ Documentation of all results via DIN A4 full color reporting.
- ▶ NOx measurement (optional)
- ▶ Long calibration interval once a year.
- ▶ Low cost spare parts, accessories and consumables.
- ▶ Price competitive.
- ▶ Portable and suitable for roadside use.
- ▶ Extreme short warm-up time.
- ▶ Distinctive after-sales service and assistance.



5 gasmodule and laptop for mobile use



High accuracy Infrared Bench

Utility Values

MGA-5PC Gastester is outstanding in the sense that it is defined as a comprehensive machine with simplicity in its utility values. Operators are clearly guided through the vehicle inspection process step by step, thanks to the graphic interfaces. Straightforward instructions are provided and no further technical knowledge is required, in order to use our machine effectively.



Clearly graphic interface



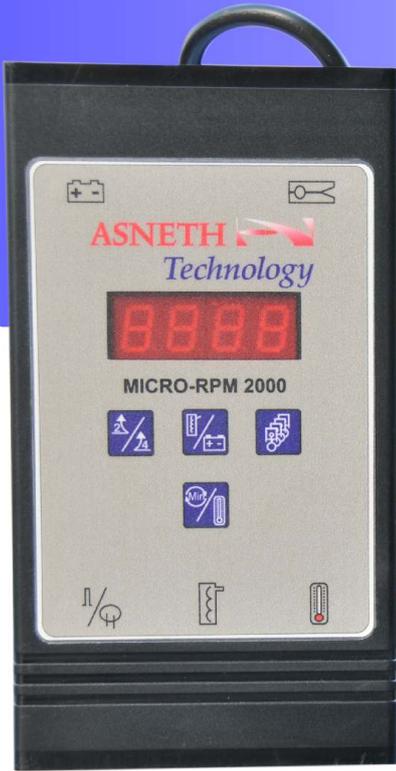
Step by step test routines



Pressure status

MICRO-GAS MGA-5PC

Technologies of future available today.



engine speed RPM-2000

RPM B+/B- trigger and vibration.

RPM -2000 from Asneth is an universal rpm meter (tachometer) suitable for 2 stroke or 4 stroke petrol engines and diesel engines of any size. The measurement methods are: alternate current residual ripple and engine vibration. The unit is equipped with 4 digits LED, temperature Sensor.

Number of cylinder can be preset for correct measurement.

Transmission using cable or Bluetooth(optional)



Oil temperature sensor

Smoke meter module ASN 2400

With fully integrated smoke opacity meter module ASN2400 can be upgraded to complete emission testing system.



Smoke meter module ASN2400



Sampling Probe & Hose



Asneth RPM counter CAP 8510



O₂ Cell condition



Machine status



Test Results



5Gas tester module



Technical data:

Power supply 110V/230V-50-60 Hz 12V(optional)
 Storage temperature -25°C - 60°C
 Operating temperature +5°C - +45°C
 Warm-up time max. 1min.

	Exhaust gas module	trolley
Dimensions:	W49 x D41 x H19 cm	W66 x D63 x H120 cm
Weight:	11 kg	48 kg

Standard equipment supplied

- Exhaust gas module including 8m hose, probe and O2 cell
- MGA-5 PC software
- Dongle
- Pentium PC
- LCD monitor wide 22 inch
- PC key board
- PC mouse
- A4 colour printer
- RPM counter CAP-8510
- B+B- Cable
- Oil temperature sensor, cars
- Trolley

Exhaust gas module		
Component	Measurement range	Resolution
CO	0,000-15,000 vol	0,001 % vol
CO ₂	0,00-20 % vol	0,01 % vol
HC	0-30.000 ppm vol	1 ppm vol
O ₂	0,00-25 % vol	0,01 % vol
Lambda	0,500-9,999	0,001
NO	0-5000 ppm vol	1 ppm vol

Optional

- Smoke opacity module ASN 2400
- RPM-2000 B+B- counter with vibration sensor, oil temperature
- EOBD module
- NO sensor
- CAP-8510 vibration sensor

Oil temperature		
Measured quantity	Measurement range	Resolution
Temperature	0-200°C	1°C

Engine Speed RPM		
Measured quantity	Measurement range	Resolution
RPM	200- 9,990	10 rpm

Your Distributor



ASNETH
 Dutch Test Equipments