

Exhaust Gas Analyzer

TBMC-AGE



INTRODUCTION =

Nowadays, the internal combustion engines are one of the main polluting agents. Although the pollution values are not individually representative, they are a noxious focus when referring to all of the group.

A gas analyzer unit allows to measure reliably the different gaseous polluting agents concentration, which are emitted to the atmosphere by a focus.

FEATURES =

Measurement of the volumetric concentrations according to the procedure of nondispersiva infrared absorption.

Engines selection: Gasoline, Butane (GPL), Propano, 2/4 times, 1/2/3/4/5/6/8/12 cylinders.

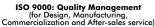
Fast WarmUp of the measure cell.

Auto-Check test.

Automatic and manual ZEROING.

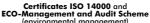
Data base of engines.













Measurements:

Carbon monoxide CO (%).

Carbon dioxide CO₂ (%).

HC gasoline, propano, methane (ppm).

Oxygen O₂ (%).

Carbon monoxide CO adjusted (%).

Lambda calculation.

Oil temperature.

Technical Data:

Power Supply: 115/230VAC-50/60HZ-68W.

Measure time: 12 seconds (maximal).

WarmUp time: 6 minutes (from 25°C).

Work Temperature: from +2°C to +40°C.

Humidity: 95% max. (non condensed).

Pressure: 800-1060 mbar.

CO (+/- 0.02% abs +/-3% rel): from 0 to 15%. CO2 (+/- 0.3% abs +/-3% rel): from 0 to 20%.

HCg (+/-4ppm abs +/-3% rel): from 0 to 15000 ppm vol. HCp (+/-8ppm abs +/-3% rel): from 0 to 30000 ppm vol.

O2 (+/- 0.1% abs +/-5% rel): from 0 to 25%. COc (+/- 1% abs +/-3% rel): from 0 to 20%.

Lambda: from 0 to 9.999 rmp. Oil temperature: 0-200°C.

Sample gas tube length: 6 m. approx.
Sample gas tube diameter: 5 mm. approx.

USB wire to computer (PC).

Control software.

Dimensions and weight:

Dimensions: 600 x 200 x 300 mm. approx.

Weight: 5 Kg. approx.

* Specifications subject to change without previous notice, due to the convenience of improvements of the product.



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Issue: ED02/10 Date: October/2010

REPRESENTATIVE: