

EMISSION CONTROL

AGS-200

OPA-100

MGT-300EVO

COMPLETE MOBILE UNIT FOR EMISSION CONTROL

A **complete unit**, compact and functional, contains everything needed to operate independently and perform tests with Gas Analyzer, or Opacimeter. RPM counter, probes and cables included.



AGS-200

Exhaust gas analyser for petrol engines with infrared rays, to link up to the PC's serial port. Its **small size** and **12 V d.c power supply** mean it can be used as a portable tool in situations where this is necessary.

OPERATING MODES

CARBURATION CURVE

It automatically memorises the value of the gases at different engine revolutions and displays the carburation curve. Particularly recommended for road tests or tests with power test bench.

AUTOMATIC DIAGNOSIS

The software compares the gas values and provides the operator with a list of possible causes of the engine's poor functioning.

CATALYTIC CONVERTER EFFICIENCY

The software guides the operator through the test and provides the catalytic converter's percentage efficiency each gas analysed both before and after the said converter.

DOUBLE LAMBDA SENSOR TEST

Using the oscilloscope function it analyses the variations in the signal and provides an operating efficiency value.

CYLINDER-HEAD TIGHTNESS TEST

The software guides the operator through the test and by analysing the gases inside the cooling liquid bottle is able to establish whether there are any infiltrations from the cylinder-head gasket.

HEATING EFFICIENCY TEST

By memorising the values of the gases for 30 minutes, the software is able to establish whether the auxiliary starter elements and temperature elements are working correctly.



OIML R 99 - ISO 3930 CLASS 0
ELECTROMAGNETIC CLASS E2
DIR. 2004/22/EC - MID

MEASURING FIELDS

CO	0 ÷ 9.99	%	Res. 0.01
CO2	0 ÷ 19.9	%	Res. 0.1
HC HEXANE	0 ÷ 13999	ppm	Res. 1
O2	0 ÷ 24.99	%	Res. 0.01
NOx	0 ÷ 4999	ppm	Res. 10
Lambda	0.5 ÷ 2		Res. 0.001
REVS	300 ÷ 9990	revs/min	Res. 10
OIL TEMP	20 ÷ 150	°C	Res. 1

HOMOLOGATIONS

Type Approved MID (Measuring Instrument Directive) 2004/22/CE NMI 0122 B+D

CE MARKING Supplementary metrology marking

Further approvals in the following countries: AUSTRIA, BULGARIA, COLOMBIA, GERMANY, INDIA, ENGLAND, ITALY, NETHERLANDS, PERU, PORTUGAL, RUSSIA, HUNGARY

OPA-100

OPACIMETER FOR DIESEL ENGINES

Its **small, compact size** and **12 V d.c power supply** mean it can be used as a portable tool in situations where this is necessary, held by its comfortable, ergonomic handle.

OPERATING MODES

Smokemeter module to be connected to the serial port of any Personal Computer

The small size and the 12V dc power supply allows using it as portable tool wherever required.

OMNIBUS 800, the specific proprietary software developed by Brain Bee, allows for the management, with OPA-100, of different vehicle's diagnostic and maintenance operations.



MEASURING FIELDS

OPACITY	0 ÷ 99.9	%	Res. 0.1
OPACITY	0 ÷ 9.99	m-1	Res. 0.01
REV COUNTER	300 ÷ 9990	revs/min	Res. 10
OIL TEMP	20 ÷ 150	°C	Res. 1
FUME TEMP	20 ÷ 400	°C	Res. 1

HOMOLOGATIONS

Approval in the following countries: AUSTRIA, BRAZIL, BULGARIA, REP. CZECH, COLOMBIA, GERMANY, INDIA, ENGLAND, ITALY, MOROCCO, NETHERLANDS, PERU, ROMANIA, RUSSIA, SPAIN, HUNGARY

MGT-300EVO

UNIVERSAL REV COUNTER FOR PETROL AND DIESEL ENGINES

MGT-300 is BRAIN BEE's rev counter, which detects in a simple but extremely precise way the number of revs on all vehicles, both petrol and diesel.

OPERATING MODES

MGT-300 EVO is the NEW RPM COUNTER by BRAIN BEE, allowing to easily and accurately detect RPM, TEMPERATURE and other related information on all petrol and diesel vehicles, also via Bluetooth® connection.

With its advanced software and the combined use of multiple acquisition systems, **MGT-300 EVO** can cover nearly the entire vehicles circulating fleet (CARS and MOTORBIKES).

The graphic interface ensures user-friendly and accurate reading of detected RPM and Temperatures values, and allows the tool to be integrated with other BRAIN BEE devices showing its reading parameters.



MEASURING FIELDS

RPM	300 ÷ 9990	RPM	RES. 10
TEMPERATURE	20 ÷ 200	°C	RES. 1

HOMOLOGATIONS

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