

TABLET INCLUDED

BRAIN BEE

ADVANCED EMISSION CONTROL STATION

AGS-200

OPA-100

MGT-300 EVO

GAS ANALYZER

SMOKE METER

REV COUNTER

MOT TESTING APPROVED



COMPLETE MOBILE UNIT FOR EMISSION CONTROL

EQUIPPED WITH POWER SUPPLY UNIT, THE UNIT IS **MODULAR** TO MEET CURRENT AND FUTURE NEEDS. GUARANTEED BRAIN BEE QUALITY.

The Brain Bee range of emission analysers brings premium quality products together with cutting edge technology and user friendly features to create a high quality emission package with a proven track record.

The BRAIN BEE Emission Control station offers combined petrol and diesel emission testing to the highest standard and surpasses all **UK MOT requirements** plus adds many features that ensures the station leads the market in technology and user friendliness.

BRAIN BEE OMNIBUS800 SOFTWARE

Each device of the station communicates via the software developed by BRAIN BEE for the management of its EMISSION CONTROL line devices: **OMNIBUS800**.

OMNIBUS800 TABLET

The BRAIN BEE EMISSION CONTROL station is integrated with the special **OMNIBUS800** TABLET on WINDOWS 10 platform.

Thanks to the Bluetooth connection and the pre-installed **OMNIBUS800** software, its use will give you full access to data detected during the gas or smoke analysis, so that they can be easily managed, printed and filed.

Using its HR screen, it is possible to perform all of the analyser functions and easily switch from the free measurement mode to the official test.



AGS-200 GAS ANALYSER

Essential and user-friendly, **AGS-200** can be used for both exhaust check in mandatory inspections and for routine service and repair operations on vehicles. The device samples the exhaust gas by means of its probe, supplied as a standard.

The operating principle is based on the measurement of the absorption degree by infrared rays of gases which are present in the sample during the analysis.

AGS-200 – thanks to its high accuracy technology – is able to assess absorption on the several frequency bands of the components.

- DVSA approved for MOT testing
- OIML Class O approved
- Accurately measures CO, CO₂, HC, O₂, Lambda.
- Protective internal filters for gas/water
- Automatic flow control & zeroing system
- Rapid heating times for quick testing



MEASURING FIELDS

CO	0 - 9.99	%VOL	RES. 0.01
CO ₂	0 - 19.9	%VOL	RES. 0.1
HC HEXANE	0 - 9999	PPMVOL	RES. 1
O ₂	0 - 25	%VOL	RES. 0.01
NOx	0 - 5000	PPMVOL	RES. 0.001
LAMBDA	0.5 - 5		
INDUCTIVE/			
CAPACITIVE CLAMP	300 - 9990	RPM	RES. 10
OIL TEMPERATURE	20 - 150	°C	RES. 1

OPA-100 SMOKE METER

Easy to use and designed to ensure operational flexibility, **OPA-100** guides the operator in its fume control operations.

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.

- DVSA approved for MOT testing
- Type approved to latest specifications
- Accurately measures opacity of smoke
- Automatic glass cleaning system
- Wireless comms of RPM & temp from MGT300
- Fast pass system for rapid testing



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 - 100	°C	RES. 1

MGT-300 EVO UNIVERSAL RPM COUNTER

The RPM COUNTER by BRAIN BEE allows an operator to easily and accurately detect RPM, TEMPERATURE and other related information on all petrol and diesel vehicles, communication via Bluetooth (B)

RPM signals can be acquired:

1. VIA **ACCELERATION SENSOR**
2. VIA **ALTERNATOR RIPPLE (BATTERY)**
3. VIA **EOBD-300 MODULE (OPTION)**

connected to MGT-300 EVO via the handy Bluetooth connection, allows to directly acquire EOBD codes

Power supply from EOBD socket
Standard EOBD interface
90 x 25 x 45 mm

TEMPERATURE values are acquired VIA **THE TEMPERATURE PROBE**

SPECIAL
BRAIN NEURAL NETWORK TECHNOLOGY



MEASURING FIELDS

RPM	200 - 9990	RPM	RES. 10
TEMPERATURE	20 - 200	°C	RES. 1

Rent this Emissions Tester for:

£37.50 ^{+VAT} per week

(5 year agreement, includes calibrations & maintenance)

or

Purchase this Emissions Tester for:

£3995.00 ^{+VAT}