

IT SIMPLY WORKS.

AGS-688

// EXHAUST GAS ANALYSER



Key features of BRAIN BEE Emission Line:

- + Modularity: you can configure your station by choosing BRAIN BEE instruments (or others), connecting them to the PC station
- + Open system: compatible with all common commercial software and hardware systems
- + Plug and play solution: we fully configure and test all our exhaust examination testers
- + Extreme measurement precision
- + Approved by several national regulations (in continuous development)

THE AGS-688 GAS ANALYSER CAN WORK BOTH STATICALLY AND DYNAMICALLY, BY SAMPLING EMISSIONS AT THE EXHAUST PIPE USING THE SUPPLIED PROBE DESIGNED FOR THIS PURPOSE.

WITH THE INTUITIVE OPERATOR PANEL, USERS HAVE ALL THE FUNCTIONS OF THE EXHAUST GAS ANALYSER AT THEIR FINGERTIPS, AND CAN EASILY SWAP FROM INDEPENDENT MEASUREMENTS TO THE LEGALLY SPECIFIED TEST.

The AGS-688 features six backlit LCD units, which display the readings of ongoing tests. When analysis is complete, the user can print out the test result straight away or send it to a connected computer.

// MAXIMUM EFFICIENCY FOR MINIMAL ENVIRONMENTAL IMPACT.

Pneumatic assembly:

The integrated condensate separator is drop-forged to prevent any hindrance to the gas flow and reduce maintenance times. Its special design facilitates the continuous drainage of condensate that forms in the separator. The separation filter has two parts: a net filter and a coalescing filter. In addition to the gas and air inlet for the autozero phase, the AGS-688 also features another special inlet for calibration using a gas sample cylinder. The rear side of the unit features connections for the supply, for measuring revolutions and temperature either wired or wirelessly, and a wired or wireless connection to a PC.



Advantages:

The AGS-688 was developed as our basic exhaust gas analyser model. However, thanks to our large range of connectible accessories, it can take on a lot of additional functions without problem:

- + The rev counter is incorporated, and an inductance clamp meter, capacitance clamp meter or MGT-300 EVO (via bluetooth) can also be bluetooth connected (wireless module optional)
- + Connection to a PC is achieved via the RS-232 cable, USB or the BT-100 Bluetooth module.
- + The AGS-688 enables connection to the opacimeter via the OMNIBUS port. In this case, the analyser converts into a smoke indicator for diesel engines.

Type-approval for Europe

M Metrology Marking: MID (Measuring Instrument Directive)

2014/32/EU NMI 0122 B+D

Additional National Type-Approvals

Brazil, Hong Kong, Italy, Morocco, Serbia

MEASURING FIELDS

CO	0	÷	9.99	% vol	Res. 0.01
CO ₂	0	÷	19.9	% vol	Res. 0.1
HC hexane	0	÷	9,999	ppm vol	Res. 1
O ₂	0	÷	25	% vol	Res. 0.01
NO _x	0	÷	5,000	ppm vol	Res. 1
Lambda	0.5	÷	5		Res. 0.001
Revolutions Inductance/capacitance	300	÷	9,990	rpm	Res. 10
Oil temperature	20	÷	150	°C	Res. 1

MAHLE AFTERMARKET ITALY S.P.A.

via Quasimodo, 4/A
43126 Parma
Italy
Tel. +39 0521 954411
Fax +39 0521 954490
info.aftermarket@it.mahle.com

MAHLE AFTERMARKET IBERICA S.A.U.

Carrer de Saturn, 31
08228 Terrassa (BCN)
Spain
Tel. +34 93 731 3802
Fax +34 93 786 2476
administracion.iberica@brainbee.com

MAHLE AFTERMARKET DEUTSCHLAND GmbH

Dürrheimer Straße 49a
78166 Donaueschingen
Germany
Tel. +49 771 8979550
Fax +49 771 897955-90
info.de@brainbee.com