

Multi-G@s

Emission testing equipment



Multi-G@s, an expendable

Multi-G@s is the latest generation, exhaust gas analyser.

It meets European standards using a form of technology that offers wide scope for expansion. New standards or application software are easy to incorporate by simply inserting a new memory card.

This precision category 0 "exhaust analyser" facility offers the highest performance standards available in the field of anti-pollution instruments. The programming is suited to fast read-outs and compliance checking whilst remaining operator-friendly with its simple switching between one type of test and another.

Components

Multi-G@s tester,	ref: 898MB
Multi-G@s (mobile) stand	ref: 930PlusMB
Infrared, remote control keyboard	
Universal rev counter / battery take-off	
Two-colour thermal printer	
External PC monitor connection	
256-colour, LCD screen	
Built-in tester for the exhaust gas oxygen (EGO/lambda) sensor	
Oil temperature sensor	
PCMCIA card reader	
System power supply	90/270 V, 50 to 60 Hz
Battery power supply	10 to 16 V
Dimensions	400 x 180 x 450 mm
Operating temperatures	+ 5°C to + 40°C
Weight	8.6 kg
Power consumption	70 W



agrément:  02.842

Homologations

OIML classe 0, DM 628/96 MCTC-NET, AU-OBd (Germany), MOT (united Kingdom), PCT-Gosstandart of Russia, BRML (Romania), France (NFR 10-019), Poland, Austria

le system

Options

- Auto diagnostic + EOBD - ref: 4041 EF
- Oscilloscope - ref: SL - 31205
- NOX module
- Smoke Tester – to analyse exhaust gas and smoke simultaneously
- When the Smoke Tester is installed, Multi-G@s measures the opacity of diesel engine exhaust fumes.

Smoke Tester



Smoke Tester - ref: 495/02MB

Services



Commissioning at site:

For simplifying the first use of your equipment.



Preventive maintenance:

For anticipating all types of malfunctioning.



Hot line:

Comprehensive support for using your equipment.



Training:

To keep pace with advances in your field.

Specifications.

Measuring range	0 to 99.9%	res. 0.1
Opacity	0 to 9.99 km-1	res. 0.01
Temperature measurement of exhaust smoke	0 to 600°C	res. 1°C
Automatic reset and warming up period		
Warming-up period	5 mn (max)	
Calibration Automatic		
Power supply	12-0-12 Volts a.c	
Dimensions	470 x 230 x 220 mm	
Weight	6 kg	

Multi-G@s specifications

Carbon monoxide (CO)	0 to 15.000 % by vol.	res. 0.001
Carbon dioxide (CO ²)	0 to 20.00 % by vol.	res. 0.01
Unburnt hydrocarbons (HC)	0 to 30,000 ppm by vol.	res. 1
Oxygen (O ²)	0 to 25.00 % by vol.	res. 0.01
NOx (optional)	0 to 5 000 ppm by vol.	res. 1
Lambda ratio	0.5 to 2.000	res. 0.001
Engine temperature	0 to 200°C	res. 1°C
RPM (tacometer)		
Low voltage connection	0 to 10,000 rpm	res. 10
Secondary induction (optional)	0 to 20,000 rpm	res. 10
Atmospheric (ambient) measurements	temperature (°C) pressure (mbar/hPa) relative humidity (%)	
Automatic pressure compensation	between 750 and 1 060 mbar (hPa)	
Sampling rate	≈ 10 l/min	
Automatic leak testing		
Permanent and automatic gas purging		
Response time	< 10 sec. // Log. sensor 3 mins.	
Warming-up time	30 seconds (max)	
Electrical or automatic reset		



ACTIA  **MULLER**
Services

COMMERCIAL SERVICE

99-101 route de Versailles - CHAMPLAN - 91165 LONGJUMEAU cedex
Phone: + 33 1 69 10 21 70 - Fax: + 33 1 69 34 04 88
www.actiamullerservices.com

*Due to advances in technology, ACTIA reserves the right to change the features of this product at any time without notice.
This document is not, therefore, contractually binding.*