

# TECHNICAL SPECIFICATIONS

## MULTI PEGASO

**Processor:** 40Gbyte HD, 512Mb DRAM, embedded Windows XP

**Connectivity:** RS232 serial port, SVGA video port, USB 2.0, RJ11 modem port, RJ45 Ethernet LAN, 100 Mbit, IR port;

**Connectivity:** Bluetooth, Wi-Fi and GSM

**Dimensions (with monitor closed):** 760x660x1570 (1185) mm;

**Weight:** 55 Kg

## GAS Mobile

**Processor:** CORTEX 72 MHz

**Display:** blue/white, 240x128 dot STN LCD screen, 170x94mm, with LED backlighting

**Printer:** built-in low consumption thermal printer, paper width 58mm+0/-1mm

**Batteries:** lithium ion battery pack, 7.4V 2440 mAh

**Typical autonomy:** > 8 hours

**Wireless communications:** Bluetooth 2.0 radio module

### Connectors:

- SD card slot
- RJ45 for RS232 serial communications
- Power jack for connection to wall socket, 100-240VAC, 50/60Hz, 12Vdc, 18W
- PS2 keyboard connector

**Operating temperature:** 0°C / +50°C

**Storage temperature:** -20°C / +50°C

**Operating humidity:** 10% to 80% non-condensing

**Dimensions and weight:** 210x162x124 mm, 900 g

## GASBOX Autopower and OPABOX Autopower

**Dimensions and weight:** 460 x 200 x 250 mm; 15 kg (with trolley)

**External power supply:** 2 x 12 V 7 A/h lead batteries; Maximum consumption: 80 W

**Serial port:** standard RS232

**Wireless output:** Bluetooth

**Reset and calibration:** electronic and automatic

## GASBOX Autopower

**Technology:** NDIR

**Condensate drainage:** continuous and automatic

**Response time:** <10 seconds

**Heating time:** max. 60 seconds

## OPABOX Autopower

**Technology:** Green Led diode

**Chamber length:** 200 mm

**Temperature:** 75°C

**Heating time:** maximum 5 minutes

**Light source:** green LED

## RC2 and RC3

**External power supply:** 8 to 32 Volts

**Serial ports:** 1 RS232 and 1 USB port (for RC3)

**Wireless connection to PC:** Bluetooth

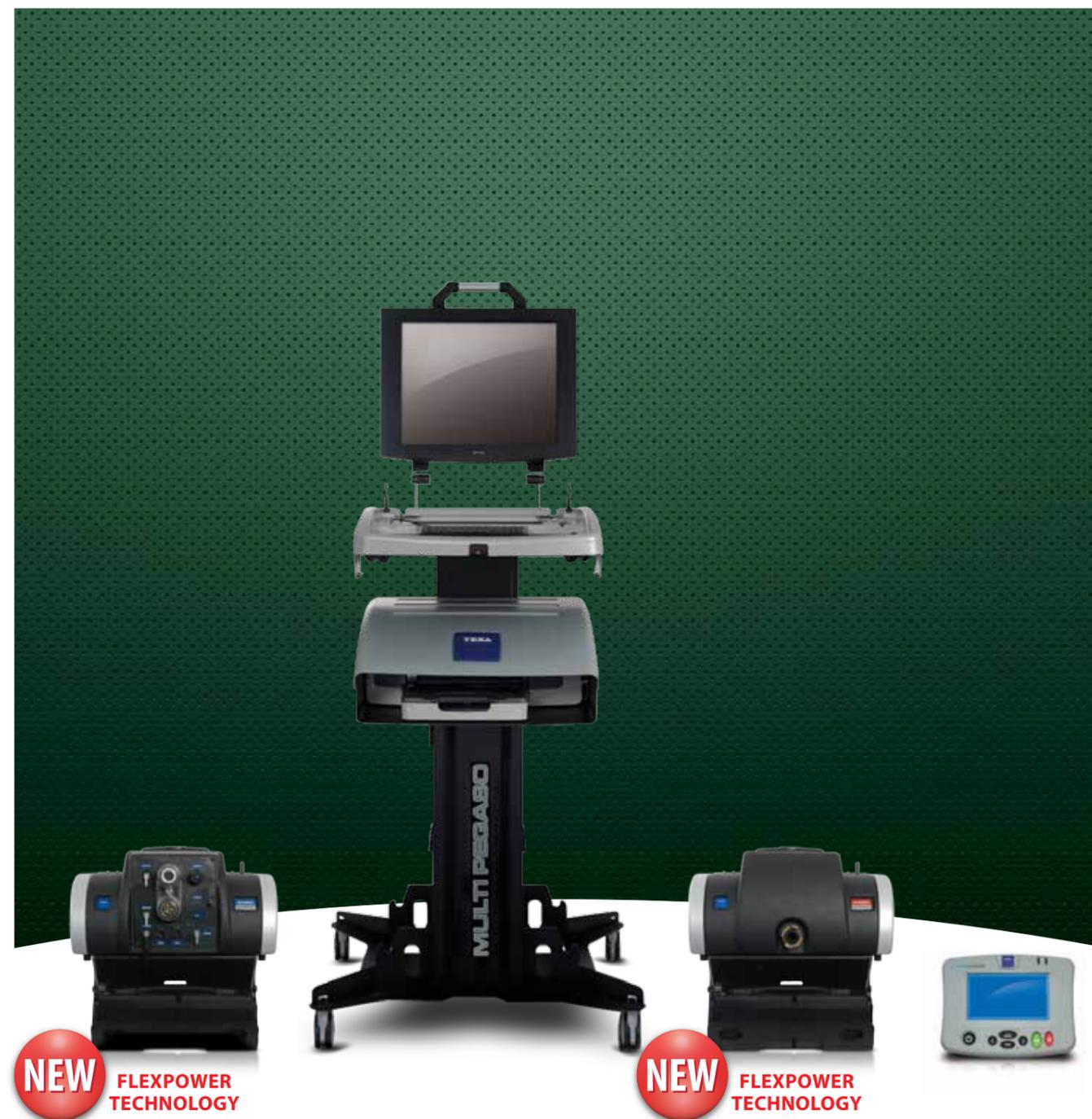
**Petrol and diesel readings from vehicle battery:** 12V DC and 24V DC system management

**Analogue petrol reading:** induction clamp

**Analogue diesel reading:** piezoelectric clamp

**EOBD identification (RC3 only):** ISO9141-2, ISO14230, SAE J1850 PWM, SAE J1850 VPW, CAN ISO11898

**Dimensions and weight:** 130 x 150 x 27 mm, 0.36 Kg (RC2) and 155 (227) x 162 x 63 mm, 0.8 Kg (RC3)



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TEXA



# EMISSIONS ANALYSIS RANGE

# HI-TECH SOLUTIONS FOR WIRELESS EMISSIONS ANALYSIS

TEXA's range of exhaust gas analysers represents a complete and effective solution for performing the exhaust gas tests and checks now required by environmental standards for all types of vehicle.

TEXA exhaust gas analysers and engine speed and temperature readers can communicate with all TEXA AXONE display units and with standard Windows PC. TEXA has nevertheless also developed the MULTI PEGASO multipurpose station to connect to TEXA gas analysers and to TEXA diagnostic interfaces using Bluetooth wireless technology without the need for connection cables.

The operating software for **exhaust gas emissions analysis** is supported by a complete vehicle database: once the make, model and engine type have been selected from the initial menu, the technician will be guided step by step through the procedures, helping them to carry out the test properly.



At the end of the analysis, you can obtain a complete report of the tests that have been carried out by simply selecting "print". The test report includes all the values of the gases that have been measured.

Furthermore, our latest IDC4 operating system now allows you to combine the processing and display of the emissions test with the diagnosis and self-diagnosis of the vehicle.

The **MULTI PEGASO** station comes on a robust steel trolley with wheels, and incorporates an industrial computer engineered entirely by TEXA to respond to the need for reliability and robustness typical of modern vehicle repair shops, a 17" high-vis monitor, dust protection and anti-vibration devices.

The MULTI PEGASO station is also equipped with a colour printer to print analysis certificates and reports. The bottom of the trolley provides connectors for recharging the GASBOX Autopower and OPABOX Autopower modules.



**GAS Mobile** is a compact and lightweight display unit with a high visibility LCD screen that allows you to carry out exhaust gas analyses on all types of petrol, diesel and methane fuelled engines. GAS Mobile's compact size and light weight (just one kilogram) make it extremely practical, versatile and portable. Thanks to Bluetooth wireless communications technology, GAS Mobile can communicate easily with GASBOX Autopower and OPABOX Autopower gas analyser modules and with RC2 and RC3 engine speed and temperature readers. Thanks to lithium ion batteries providing over 8 hours of autonomy, there is no need to connect GAS Mobile either to the mains or vehicle power supply.



**GASBOX Autopower** and **OPABOX Autopower** are the TEXA analysis chambers respectively for petrol and diesel engines, fitted with a practical trolley that allows for their easy movement within the workshop.

To guarantee the best dynamics of use, in addition to the traditional socket for direct connection to the mains, GASBOX and OPABOX can be combined with Power Pack, the practical removable module for separate recharging. This solution ensures you always have one or more batteries fully charged and ready for use.



By opting for **Power Pack** and thanks to the Bluetooth wireless technology for data communication, the TEXA solutions for emissions analysis allow for the elimination of all wires within the workshop, both between tools and the viewing unit and between tools and the mains.



To detect revolutions and engine temperature, TEXA has developed two devices, again fitted with wireless Bluetooth technology.



**RC2** is able to detect the data in two different ways:

- using induction pincers and piezo sensor;
- by means of a microphone and from the residue battery signal.



**RC3**, on the other hand, in addition to the two modes offered by RC2, reads the values directly from the OBD socket (using EOBD protocol), thereby allowing for the test to be performed, without even having to open the bonnet.

**EUROPEAN DIRECTIVE 1999/5/CE**  
**OIML R99 for gas**  
**ISO 11614 for diesel**

**Specific homologation standards for different countries**



**ALL TEXA PRODUCTS ARE GUARANTEED FOR 24 MONTHS**

To view demos showing TEXA instruments in operation visit [www.texa.com/demo](http://www.texa.com/demo)