

# Technical specifications

## 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, 7.4 V 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 (approx., complete with trolley)

**Power supply:** 2 x 12 V 7 A/h lead batteries

**Max. consumption:** 80 W

**Serial port:** RS232

**Wireless output:** Bluetooth

**Control system:** CD NERO SW – for Windows XP, 2000 and Vista

**Reset and calibration:** electronic and automatic

## OPABOX Autopower

**Chamber length:** 200 mm

**Temperature:** 75°C

**Heating time:** max. 5 minutes

**Light source:** green LED

## GASBOX Autopower

**Condensate drainage:** continuous and automatic

**Response time:** <10 seconds

**Heating time:** max. 60 seconds

## 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)



# GAS Mobile

for cars, bikes and commercial vehicles

TEXA

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**SYSTEM CERTIFIED BY DNV**  
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**GAS Mobile**

**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.

The seven buttons on the control panel can be replaced by an optional external keyboard for a more precise control. **GAS Mobile** features a built-in low consumption thermal printer for printing out analysis reports directly from the instrument itself.

**GAS MOBILE** completes and perfects the range of **TEXA** instruments dedicated to the latest concepts in wireless workshop technology, eliminating all awkward connection cables.

Thanks to *Bluetooth* wireless communications technology, **GAS Mobile** can dialogue 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 main or vehicle power supply. **Gas mobile** can therefore be used even inside the vehicle, mounted on a practical holder on the steering wheel. **GAS MOBILE** fits neatly into the handles of **TEXA** gas analysers, where its batteries are automatically recharged.



**GASBOX Autopower and OPABOX Autopower**

**GASBOX Autopower** and **OPABOX Autopower** are exhaust gas analysis chambers for petrol and diesel engines respectively. They come on a practical trolley that allows you to move them about with ease, complete with a high capacity battery which provides over 8 consecutive hours of autonomy.



Thanks also to *Bluetooth* wireless data communications, **TEXA** exhaust gas analysis solutions can eliminate all unwanted cables around the workshop, not only between the analysers and the display units, but between the analysers and the main power supply too. **GASBOX Autopower** and **OPABOX Autopower** analyser modules can be recharged either from the mains or automatically using the **TEXA** multipurpose station.

**SOFTWARE**

**GAS Mobile** comes complete with simple, intuitive, fully functional operating software on a 2 GB SD card. The main menu lets you select what type of test you want to perform (diesel or petrol engine). After that, all you have to do is follow the guided procedure. Upon completing the analysis, the "Print" option lets you print out a complete test report containing all measured gas values.



**RC2 and RC3**

**TEXA** has developed two instruments, both with *Bluetooth* wireless technology, to detect engine RPM and temperature.

The **RC2** can measure values in two different ways:  
 - using an inductive clamp and a piezoelectric sensor;  
 - using a microphone and residual battery capacity signal.

In addition to these two modes, the **RC3** can also read values directly from the OBD socket (using EOBD protocol), allowing you to perform the test without opening the vehicle bonnet.



**EUROPEAN DIRECTIVE 1999/5/CE**  
**OIML R99 for gas**  
**ISO 11614 for diesel**  
**Specific homologation standards for different countries**

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

**All TEXA products are guaranteed for 24 months**

