

# GASBOX AUTOPOWER TECHNICAL SPECIFICATIONS

## TECHNICAL - PHYSICAL SPECIFICATIONS

Temperature	+5°C ÷ +40°C
Pressure	850 hPa ÷ 1025 hPa
Humidity	0 % RH ÷ 95 % RH
Condensation drainage	Continuous and automatic
Resetting	Electronic - auto
Calibration	Automatic with sample gas cylinder
Feedback time	< 10s (probe length 6 m)
Heating time	Max. 60 seconds
Storage temperature range	Min. -20 Max. +60 °C
Physical dimensions (without trolley)	460 x 200 x 250 mm - 15 kg (approx. with trolley)

## ELECTRICAL SPECIFICATIONS

Power supply	2 STANDHBS 12 V 7 A/h batteries
Absorption (Max)	80 W (2 x 1 A fast fuse)
Recharging with power unit	115-230 VAC ± 10%, 50-60 Hz ± 2%

## HARDWARE AND SOFTWARE SPECIFICATIONS

Serial output	Standard RS232 with proprietary protocol
Wireless output	Bluetooth
Clock	Internal, powered by buffer battery
Control system	SWSW CD NERO Win PC-compatible with Windows XP, Windows 2000 and Windows Vista

MEASURING DETAILS	MEASURING RANGE	MEASURING UNIT	ACCURACY
CO	0 ÷ 10.00	% Vol.	0.01
CO <sub>2</sub>	0 ÷ 20.0	% Vol.	0.1
HC (n-esano)	0 ÷ 10000	ppm Vol.	1
O <sub>2</sub>	0 ÷ 22.0	% Vol.	0.01 (O <sub>2</sub> < 10%) - 0.1 (O <sub>2</sub> > 10%)
NO <sub>x</sub>	0 ÷ 5.000	ppm Vol.	1
Lambda	0 ÷ 5.000		0.001
RPM	0 ÷ 10000	rpm	10
Oil temperature	0 ÷ 200	°C	1
Ambient temperature	0 ÷ 70	°C	0.1
Ambient pressure	500 ÷ 1300	hPa	1

ENGINEERED AND MANUFACTURED IN EUROPE



For Automotive Professionals

TEXA

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# GASBOX Autopower

## Gas analysis for petrol engines

TEXA

## A REVOLUTION IN WORKSHOPS

TEXA is a leading brand all over the world in the branches of car, motorbike and industrial vehicle diagnosis with its capillary distribution net and its subsidiaries in Spain, Germany, the United Kingdom, France and the United States. Thanks to its long-lasting experience and highly specialised R&D team, TEXA today offers really innovative solutions for workshops and service centres.

**GASBOX Autopower** is a new module for the analysis of petrol engines, in order to analyse emissions for diagnostics (engine inefficiency, high fuel consumption, diagnosis indicator lamp, cold starter test, catalyser test etc.) as well as to verify compliance with legal requirements.

GASBOX Autopower was conceived with the purpose of being practical and versatile and meeting all the requirements of operators in this sector. The old gas analyser is now incorporated in a handy trolley with ball bearing wheels.

By pulling out the practical telescopic handle you can easily move the analysis module around the workshop, placing it close to the vehicle being tested.

One further solution is a special retractable handle that can be used to unlock the module and move it to any work surface.

The module is guaranteed to operate non-stop throughout the day, without having to recharge batteries.

GASBOX Autopower is equipped with a high-capacity battery, supplying electricity for more than 8 hours operation.

This innovation allows operators to work free from the hindrance of wires.

It won't be therefore necessary to connect the analysis chamber to a socket, which avoids the hindrance of wires and extension cords.



The Wireless *Bluetooth* connection allows GASBOX Autopower and RC3, its RPM detecting interface, to communicate with the display (any PC, ECO PEGASO fixed station, or AXONE Palm or Pad) without wires.

Operators will therefore be able to move around without having to keep close to the unit. It will even be possible to carry out the test leaving the car outside the workshop.

A new gas analysis probe with a special joint, fitting all exhaust pipes and vehicle models, ensures minimum encumbrance and better performances

### UNIVERSAL RPM COUNTER



RC3, the electronic RPM/temperature counter, allows operators to test new generation vehicles without opening the vehicle bonnet; this innovation reduces operating times and simplifies all emission analysis procedures.

The RC3 interface is the only module combining in one solution three different reading modes:

- via **EOBD port** for all vehicles manufactured after 2000;
- via **microphone and residual battery signal** for all vehicles;
- **traditional**, using inductive clamp and piezoelectric probes for petrol and diesel vehicles.

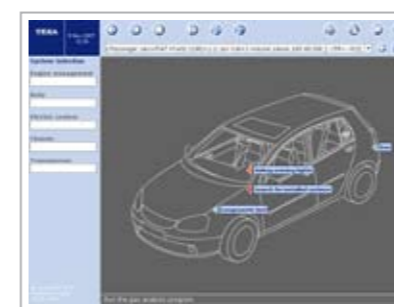
## A SIMPLE AND COMPLETE SOFTWARE

### SOFTWARE



The **CD NERO** operative software is supported by a complete vehicle database: selecting brand, model and engine details from the main menu a guided sequence will be activated to help operators step by step during the test performance.

With the **IDC3** operative system it is possible to integrate the emission test analysis and the displayed data with the vehicle diagnosis and autodiagnosis.



Home page for the selection of brand, model and engine details with the IDC3 software.



Selected display of the interface used for reading the RPM (in this case, RC3)



Measure page.