

# TEXA SOLUTIONS



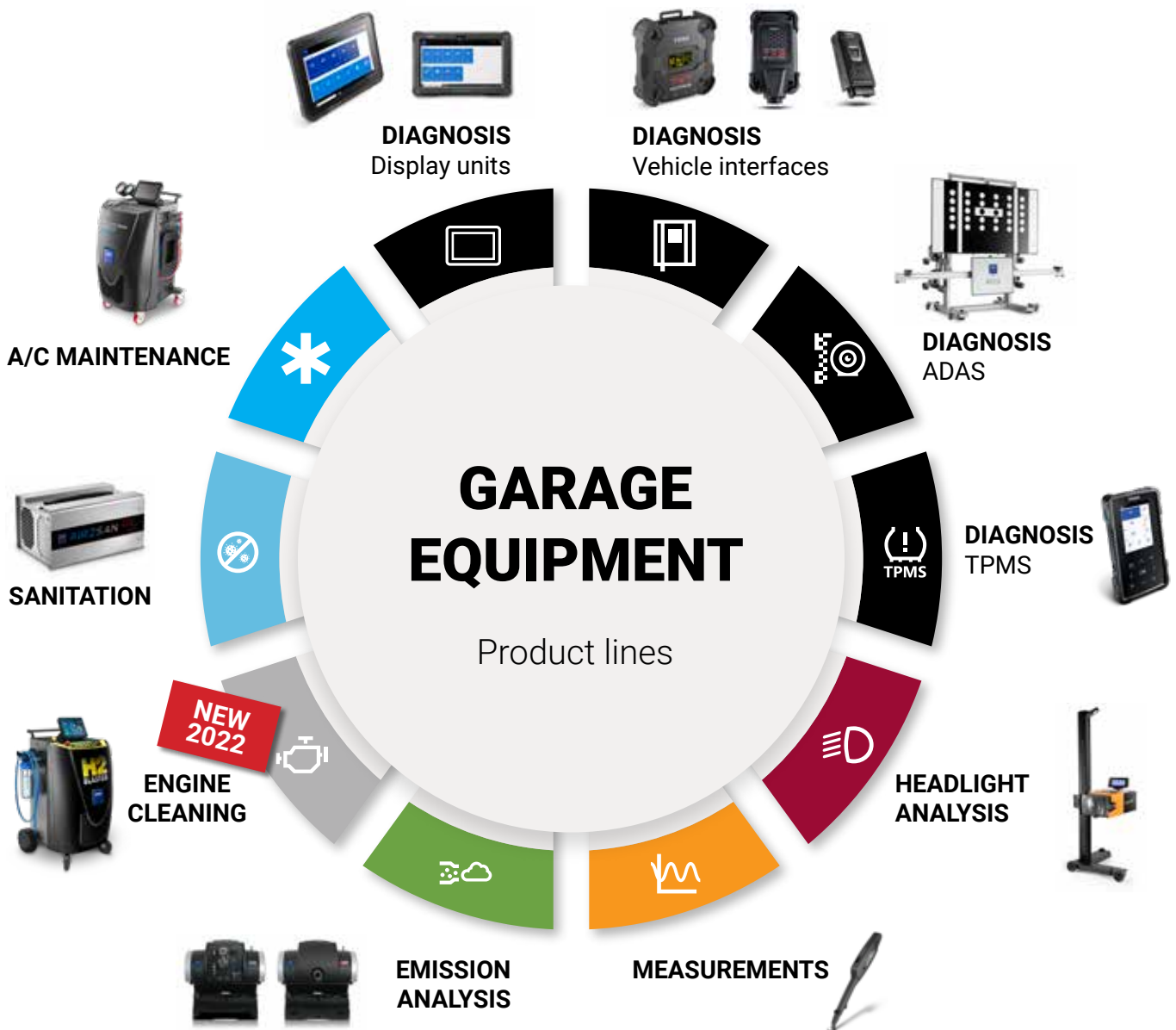
TEXA

# TEXA Solutions

## for Garage Equipment

TEXA's solutions dedicated to the world of garage equipment are the result of over thirty years of research and development in the field and stand out for their quality design, completeness and are safe and easy to use.

TEXA developed a complete range of multi-brand and multi-environment equipment that meets the current needs of mechanics, body-shop mechanics, tyre shops, glass replacement specialists, fast-fit centres and include: **display units, vehicle interfaces, ozone sanitisers, smart headlight alignment system, OBD dongle for remote diagnosis** on heavy-duty vehicles, **ADAS calibration** systems, **TPMS** control devices, equipment for **electrical measurements, emission analysis** tools, **hydrogen decarbonisers**, stations dedicated to **A/C maintenance**.



### ENVIRONMENTS



CAR



TRUCK



OHW



BIKE



MARINE

# Diagnosis

## Display units



Watch the AXONE NEMO 2  
official video

### AXONE NEMO 2



As the top-of-the-range **multi-brand** and **multi-environment** display unit, it guarantees that mechanics can carry out quick, complete and precise operations on **cars, light commercial vehicles, trucks, agricultural and construction vehicles, bikes** and boats. The Windows 10 Enterprise operating system is powered by an Intel® Pentium Quad Core N5000 processor with 8 GB DDR4 RAM and 250 GB PCIe SSD storage. Another distinctive element is the **military standard MIL-STD 810G** (transit drop test), **which makes the tool resistant to impacts and falls.**



**Body in  
magnesium**



**12" Gorilla® Glass  
Display**



**Resolution  
2160x1440 pixel**



**8 GB  
LPDDR4 RAM**



**250 GB  
SSD PCIe storage**



**Intel® Pentium  
N5000 CPU**



DIAGNOSIS

## AXONE NEMO MINI



It is the new entry-level solution developed by TEXA for **multi-brand** and **multi-environment** diagnosis. It boasts exceptional technological equipment, which guarantees top-notch performance, essential for continuous workshop use. Its operating system, Windows 10 Enterprise, is powered by an Intel Celeron N4120 processor. It also features 8 GB RAM that is perfect to manage the calculating system performance, and 256 GB SSD storage. Connectivity is guaranteed by a Wi-Fi module and a Bluetooth module.

AXONE NEMO MINI is equipped with a user-friendly 11.6" **multi-touch capacitive display** that provides a clear view of all the diagnostic operations that must be completed.

  
**Intel® Celeron  
N4120 CPU**

  
**11.6" Display**



  
**8 GB  
LPDDR4 RAM**

  
**256 GB  
SSD PCIe storage**



# Diagnosis

## Vehicle interfaces



### TXT MULTIHUB



It is a vehicle interface that allows working on **cars, heavy-duty vehicles, bikes, boats, agricultural and construction vehicles**, in a versatile, quick and intuitive way. It has a built-in display, very useful to view the most important information during diagnosis.

It automatically manages the **communication protocols CAN, DoIP, PASS-THRU** and the Linux operating system ensures intelligent connectivity.

The **IP53 certified rugged design** and the MIL-STD 810G (transit drop test) military standard complete the extraordinary features of TXT MULTIHUB making it a real top-of-the-range solution, capable of giving its best in any operational situation.



WiFi



USB



OLED  
2.42" built-in display

## Navigator TXB Evolution



It is a latest-generation vehicle interface, a state-of-the-art tool **especially developed for the bike and marine environments**. Its hardware features make it compatible with all current protocols and its integrated 16-pin CPC connector allows using all the BIKE and MARINE diagnostic cables. Other than the “classic” diagnosis, it also allows recording the diagnostic session while moving\*.



\* For the diagnostic tests while moving, carefully read and follow the prescriptions you find at: [www.texa.com/test-drive](http://www.texa.com/test-drive). TEXA S.p.A. is not liable for any damage resulting from an improper and non-compliant use of the indications, the sequences and the phases indicated in the page above, in the guide and in the product's user manual.

## Navigator NANO S



**It is the simplest of TEXA's vehicle interfaces.** Being small, light and ergonomic, it allows carrying out all the diagnostic operations on cars, light commercial vehicles, bikes, scooters, quads and jet skis.

Every aspect of the Navigator NANO S has been carefully designed and developed to fully satisfy the needs of modern workshops and to allow technicians to complete **all diagnostic tests quickly and easily**.



## DoIP NODE



It is a multi-brand adapter that **allows carrying out DoIP diagnostic operations at high speed** on vehicles equipped with Ethernet BUS communication.

DoIP NODE represents a great advantage for mechanics, as they do not have to replace the TEXA instrumentation they already own (Navigator NANO S), but simply integrate its operation using it when the vehicle they are working on requires it.



## TEXA eTRUCK



It is a miniaturised solution that brings industrial vehicle workshops into a new dimension. It is an actual diagnostic tool that, once installed in the vehicle's diagnostic socket\* and configured in a few minutes, offers a brand-new type of service. With **TEXA eTRUCK**, the workshop can **constantly monitor the vehicle status remotely**, manage its servicing from a predictive point of view and, a new feature, perform adjustment functions that allow restoring the vehicle's optimal conditions.

\* OBD socket or with 9-pin Deutsch adapter for American TRUCKS



Watch the TEXA eTRUCK official video



# ADAS Diagnosis

## RCCS 3: two versions for a top-of-the-range solution



Watch the ADAS  
official video



For calibrating sensors, radars, lidars, cameras and sensors TEXA developed and engineered **RCCS 3**, a top-of-the-range solution **available in two versions**: RCCS 3 with **Monitor** and RCCS 3 with **Panels**.

They both guarantee many fields of application as they are simple, fast and precise and can be used either with the **vehicle toe and thrust axis check kit** or in **optical alignment mode**.

Two versions, two types of approach to work but one result: **maximum safety for who drives and who performs the calibrations** thanks to the great ease of use and precision of RCCS 3.

The ADAS solutions by TEXA can be used in combination with optional devices to fully intervene on other electronic driver assistance systems among which:

- **ACS (All-around Calibration System)** that allows **calibrating 360° cameras and dopplers**.
- **IR Calibration Target** and **Night Vision System** that allow **calibrating infrared cameras**.
- **Blind spot radar reflector** that is essential for calibrating ultrasonic radars.
- **Doppler Simulator** for calibrating blind spot radars. It is an active simulator that responds to the frequency generated by the rear radars on vehicles.
- **360° camera mats**, a combinable kit that allows calibrating the 360° surround systems.



# RCCS 3 with Monitor

## the digital innovation for calibrating ADAS



**RCCS 3 con Monitor** is equipped with a **75" HD screen, 4K definition**, that always offers an optimal display of the panels, respecting the 1:1 proportion ratio in line with the specifications of every manufacturer. Furthermore, it does **not deform nor resize** the images.

Thanks to a built-in **Mini PC**, RCCS 3 synchronises perfectly with the IDC5 software and the panels are selected and set on the monitor without any risk of error. The continuous **software updates** offer each time new vehicles and possibly new panels, other than essential **help sheets** edited by make and model. This way users are certain they can complete all operations with maximum precision, counting on an extraordinary coverage.



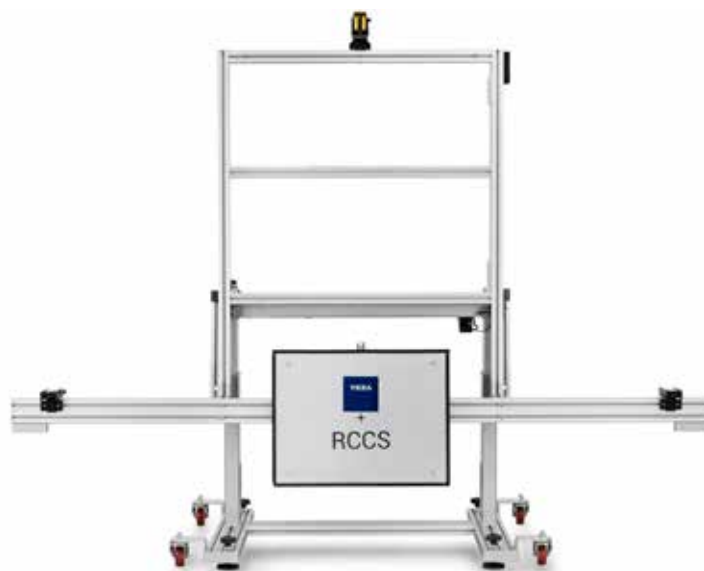
# RCCS 3 with Panels

## the version with physical targets



RCCS 3 can also be purchased in an "entry level" configuration that has the same exclusive features of the top-of-the-range version but requires using physical panels instead of the monitor.

This allows using the TEXA panels and accessories dedicated to calibration to complete all operations with maximum customer satisfaction.



## An ad hoc solution for wheel toe and alignment

Before any calibration it is also important to check, other than verifying the calibration unit's alignment, the **toe and thrust angle of the vehicle** being worked on.

These operations are possible thanks to the use of **four CCD electronic measuring heads** (that must be installed both on the wheels, using the rim-clamping system, and on the sides of the horizontal adjustment bar) and the accuracy of the **TOE AND THRUST ANGLE CHECK** software application.



## Very performing with the optical alignment also

In addition to the version with toe and thrust angle check, RCCS 3 is also available in the highly performing **optical alignment** mode.

This configuration uses **rim-clamping** and was designed to complete all operations on radars and cameras quickly and precisely.

The vehicle is aligned by the lasers of two **distance meters** mounted on the structure's crossbeam aimed at two practical **pointing bands**.



## TRUCK ADAS KIT



TEXA offers an adjustment system that includes a measuring bar, panels divided by make – dedicated to cameras and laser devices – that are essential for the correct alignment and calibration of WABCO, TRW and TRW/Knorr radars.

The TRUCK ADAS Kit also includes a set of clamps with laser pointer, a laser to adjust the Adaptive Cruise Control and the mirror adapter for WABCO radars.

Furthermore, the IDC5 software guides the operator step by step for vehicles that carry out the self-calibration through on-road adaptation procedures.

# TPMS Diagnosis

Tyre pressure monitoring



## TPS2



This tool has been **specially designed for tyre specialists** and for a complete, professional use with TPMS.

TPS2 **boasts a generous, high resolution colour display** that makes reading data and using the tool easy, even in bright sunlight.

A built-in Wi-Fi module allows configuring and connecting to a network for downloading software updates and managing additional functionalities.



# Headlight analysis

The first smart headlight alignment system



## eLight



It is the first headlight alignment system with built-in electronic diagnostics. It comes in two versions, **ONE** and **ONE<sup>D</sup>**, with the same hardware features. The first communicates with the AXONE NEMO 2 and AXONE NEMO MINI display units to complete the operations, whereas the second is equipped with a **7" colour TFT touchscreen display** that allows technicians to select and activate the various headlight components directly.

eLight allows carrying out all the headlight-related checks on the constantly evolving technologies of modern vehicles. It is **lightweight**, thanks to its aluminium frame, and **easy to carry** thanks to its wheels.



# Sanitation

## Passenger compartment sanitation



### AIR2 SAN



Sanitation is an increasingly significant topic, also in the automotive industry.

In this context, workshops, dealerships, vehicle rental companies, taxi companies, road and sea transport companies, fast-fit centres, car washes, fuel stations, and more in general **all the activities relating to the use of vehicles or workplaces, must be able to offer a sanitation service to their customers immediately.**

TEXA has responded to this new need with **AIR2 SAN**, an innovative device entirely designed and built in Italy. AIR2 SAN stands out from the other products on the market for some exclusive features, such as the process that transforms ozone into oxygen at the end of the sanitation cycle. This ensures the correct level of air quality, at the same time protecting the operator and the customer.



# Measurements

## Measuring tools



TEXA's new product in the field of measurements is **LASER EXAMINER**, a laser profilometer to check brake disc and tyre tread wear. TEXA's **UNIProbe** and **TwinProbe** interfaces allow taking all the physical measurements required for a conventional diagnosis, identifying potential faults. On the other hand, **TTC** (TEXA TENSION CONTROLLER) is ideal for the correct tensioning and mounting of the timing belt on bikes, ensuring an extremely professional service.

### LASER EXAMINER



It is a practical small-sized laser profilometer that **allows measuring** the vehicle brake disc wear **with an accuracy of one-tenth of a mm**, without having to remove the wheel. Other than this measurement, using a simple adapter you can also check the **tyre tread wear**. LASER EXAMINER carries out both verifications quickly and easily; it allows you to provide customers with an accurate report on the "state of health" of their vehicle wheels, ensuring a professional assistance service and fostering customer loyalty.



## UNIProbe



UNIProbe includes:

- **Oscilloscope:** four independent analogue channels, complete with SIV\* function for interpreting measured signals.
- **Battery Probe:** for testing the battery's efficiency, analysing and checking all the starting and charging systems.
- **TNET:** for the measurement and electrical analysis of CAN automotive communication networks.
- **Signal Generator:** for simulating the pulses generated by sensors and the commands generated by control units and testing solenoid valves and other components.
- **Multimeter:** for voltage, resistance and current measurements (using a clamp-on ammeter).
- **Pressure Tester:** for checking turbo and fuel pressure on all vehicles.

\* Indication of the range of values that a properly working component should measure.



## TwinProbe



TwinProbe includes:

- **Oscilloscope:** two independent analogue channels with inputs up to  $\pm 200$  V, complete with SIV\* function for interpreting measured signals.
- **Signal Generator:** for simulating the pulses generated by sensors and the commands generated by control units and testing solenoid valves and other components.
- **Ammeter:** for measuring currents. A BICOR clamp-on ammeter is needed to allow TwinProbe to run these tests.

\* Indication of the range of values that a properly working component should measure.



## TTC



It is a device for **checking the tension of engine timing belts**, developed following Ducati specifications. TTC measures belt tension by means of a highly sensitive microphone that allows analysing the belt's resonant frequency.



# Emission analysis

Exhaust gases, engine speed and temperature detection



For the checks connected to anti-pollution regulations, TEXA offers tools such as GASBOX Autopower (exhaust gas analyser for petrol and gas vehicles), OPABOX Autopower (opacity meter for diesel engines), MULTI PEGASO 3 (analysis station with a LED monitor), RC2 and RC3 (rev counters for cars and trucks), RCM (rev counter for bikes).

## GASBOX and OPABOX

GASBOX is **an exhaust gas analyser for petrol, LPG and methane engines**, equipped with an analysis chamber designed by TEXA. OPABOX Autopower is a partial flow opacimeter for checking diesel engines, equipped with a latest generation smoke analysis chamber. If used in combination with the practical trolley and with the Power Pack, they become easy to transport and to use, also thanks to the Bluetooth connection.





## MULTI PEGASO 3



It is a **control station** designed for conventional vehicle repair shops **that also analyse emissions**.

The station is made up by a dedicated motherboard with a latest generation processor and comes with Bluetooth and Wi-Fi communication modules.

## RC2

## RC3



TEXA developed **RC2** and **RC3** for the detection of engine revs and temperature. The first can take measurements through an inductive clamp and piezo sensor or by the microphone and residual battery signal. RC3, other than these modes, can also read the data directly from the OBD socket and operate as an EOBD SCANTOOL.



## RCM



It is the **rev counter by TEXA for the BIKE environment** specific for eight-cycle engines; it is equipped with a display and rechargeable battery. RCM uses a system that detects the electromagnetic pulses radiated from the ignition system to calculate the engine revs precisely.



# Maintenance on A/C systems



**KONFORT 700** allows servicing vehicle A/C systems equipped with the **R1234yf, R134a** and **R744** refrigerant gases in an efficient, precise and safe way. It is produced on a worldwide unique assembly line and guarantees ultimate quality and lasting reliability. The components used during the assembly phase all have exceptional features and guarantee refrigerant recovery efficiency and filtering above 95%.

The design, with essential and clean lines, confers manageability and robustness and simplifies all operations. From TEXA's great experience in this field, **KONFORT TOUCH** was also created, a range of stations that, thanks to a 10" **multi-touch** display, allows completing all operations in a simple, fast and intelligent way.

## THE RANGE OF KONFORT STATIONS IS APPROVED BY:

AUDI  
BENTLEY  
BMW  
BUGATTI  
CHEVROLET  
HYUNDAI

JAGUAR  
KIA  
LAMBORGHINI  
LAND ROVER  
MAZDA  
MERCEDES-BENZ

MINI  
MITSUBISHI  
NISSAN  
OPEL  
PORSCHE  
RENAULT

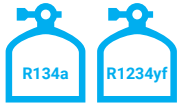
SEAT  
SKODA  
SUBARU  
SUZUKI  
TOYOTA  
VOLKSWAGEN

Check with your TEXA Distributor the model and type of refrigerant recommended from each individual car maker listed.

## 780 TOUCH



This is the top-of-the-range in the 700 series and the best the market has to offer. It is equipped with a **double tank** and **two distinct circuits** for recovery, recycling and recharging. This allows intervening both on vehicles that use the R134a refrigerant and on the ones that use R1234yf simultaneously.



## 760 TOUCH/760 BUS TOUCH



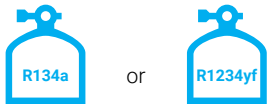
In both versions the management of the maintenance service is completely automated. The **BUS version**, designed for larger systems, is **equipped with a 30 kg tank** and a 21-cc compressor. They can be used with either R134a or R1234yf.



## 720 TOUCH



It is an **“entry level”** station that can operate on all the systems in cars, commercial and industrial vehicles and tractors without compromising on the technology that is typical of the KONFORT range. It can be purchased preconfigured for the traditional R134a refrigerant gas or the new R1234yf.



## 770S



It implements exclusive technical solutions **according to the strict specifications imposed by German car makers**. The refrigerant tank is mounted on a sturdy electronic scale with a safety system that prevents loss of calibration during transport. It comes with an automatic leak detection system and EN837 Class 1 certified pressure gauges.



## 744



It is specifically designed to work with the **latest A/C systems containing R744 (CO<sub>2</sub>)**. It also achieves the highest possible levels of precision: the quality of its components and the accuracy of its design allow an extremely accurate recharge with a maximum tolerance of only 10 grams (2 grams for oil).



Watch the KONFORT 744  
official video



## 712R



It is a **mid-range** model which boasts the typical technical features of the top-range models such as the automatic maintenance service management and the measuring of the amount of oil recovered with an electronic scale. It can be purchased in the R134a or R1234yf version.



Watch the KONFORT 712R official video



## 710R



Though it is a **base model**, it offers a series of key functions of the KONFORT 700 range, including automatic leak detection, electronic refrigerant weighing, automatic timed oil and UV tracer injection, and high-efficiency refrigerant recovery (over 95%).



## 707R



This station works with the R1234yf refrigerant. **Essential and simple to operate**, it nevertheless incorporates all the latest design solutions. Its main features: a dehydrator filter that allows performing up to 300 maintenance services, a scale locking system, an alphanumeric keypad, 4 castors and the possibility to store the data on all the services completed. **It is also available in the OFF-ROAD version.**



## 705R



It is an **“entry level” solution dedicated to the R134a refrigerant**. It is ideal for workshops that wish to offer impeccable service while keeping their business costs low. KONFORT 705R has the same features as the other models that are part of the KONFORT range.

**It is also available in the OFF-ROAD version.**



## REFRIGERANT IDENTIFIER KIT

This device immediately identifies the type of refrigerant in the vehicle, R134a or R1234yf, and **checks its purity**. The entire operation takes approximately one minute. If the refrigerant is found to be unsuitable or contaminated, the charging station warns the technician and blocks the operation.



# Engine cleaning

Restoring optimal engine performance

Which advantages  
are gained after the  
treatment with

**H2**  
**BLASTER**

- ✓ recovery of the initial power and better performance during acceleration
- ✓ stable idle and reduced noisiness
- ✓ fuel economy
- ✓ reduced harmful emissions
- ✓ EGR and DPF cleaning



## H2 BLASTER



**H2 BLASTER**, cleans all the **engine** components involved in the internal combustion process and restores optimal performances, reducing consumptions and harmful emissions.

Through electrolysis H2 BLASTER generates **oxyhydrogen**, a mixture of hydrogen and oxygen that, with the engine running and warm, **is injected into the intake manifold** through a practical service pipe and reaches the combustion chamber.

Here the **gas** is triggered by the high temperature and **transforms into high-pressure water vapour**. This is how the **decarbonation process** begins: the water vapour penetrates the scales and dissolves the carbon deposited on the pistons, valves and injectors and in general on the components that are between the chamber and the exhaust duct.



# Diagnostic software

## IDC5



IDC5 is **the core of TEXA's diagnostic solutions.**

It is a software that guides technicians through the diagnostic phases, from the identification of the error up to its solution, always in a practical, safe and professional way.

**It updates and constantly increases its make and model coverage** to help repair experts solve typical problems that arise during everyday work.

IDC5 also offers a series of exclusive functions and technical documentation that exceed the traditional concept of diagnosis.

Among these: automatic vehicle search, TGS3s control unit scan, dashboards, interactive wiring diagrams, guided diagnosis, solved errors, technical bulletins, mechanical data and error help sheets.

**A single software for all environments**

It was projected and developed following a multi-environment logic to be used efficiently on **cars, light commercial vehicles, trucks, agricultural and construction vehicles, bikes and boats.**

# Solutions, compatibility and software

	AXONE NEMO MINI	AXONE NEMO 2	Navigator NANO S	NAVIGATOR TXBe	TXT MULTIHUB	DoIP NODE	TPS2	RCCS 3	eTRUCK	eLight ONE	eLight ONED	LASER EXAMINER	TTC	TwinProbe	UNIProbe	GASBOX Autopower	OPABOX Autopower	MULTI PEGASO 3	GAS MOBILE	RC2	RC3	RCM	H2 BLASTER	KONFORT	AIR2 SAN	IDC5	APP	Stand alone	
<b>HARDWARE</b>																													
AXONE NEMO MINI			●	●	●			●	●	●	●	●		●	●	●	●				●	●			●	●			
AXONE NEMO 2			●	●	●			●	●	●	●	●		●	●	●	●				●	●			●	●			
Navigator NANO S	●	●				●		●	●	●	●														●	●			
Navigator TXBe	●	●							●	●	●															●	●		
TXT MULTIHUB	●	●						●	●	●	●															●	●		
DoIP NODE			●																							●			
TPS2																													●
RCCS 3	●	●	●		●																					●	●		
eTRUCK																											●		
eLight ONE	●	●	●	●	●																					●	●		
eLight ONED	●	●	●	●	●																					●	●		
LASER EXAMINER	●	●																								●	●		
TTC																													●
TwinProbe	●	●																								●	●		
UNIProbe	●	●																								●	●		
GASBOX Autopower																		●	●	●	●	●				●	●		
OPABOX Autopower																		●	●	●	●	●				●	●		
MULTI PEGASO 3																		●	●	●	●	●				●	●		
GAS MOBILE																					●	●				●	●		
RC2																					●	●							
RC3																					●	●							
RCM																													●
H2 BLASTER																												●	
KONFORT																											●	●	
AIR2 SAN	●	●	●																							●	●		
<b>Management SOFTWARE</b>																													
IDC5	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●						●				
APP									●			●												●	●	●			
Stand alone							●						●							●			●		●				



# Simplifying the present, anticipating the future



**Founded in 1992**  
**30,000 covered sq. m**  
**inside an area of over**  
**100,000 sq. m**



**8 branches in the world**



**Over 800 TEXA employees worldwide**  
**average age 33**  
**50% graduates**  
**150 specialised R&D engineers**



**700 Distributors**  
**over 200,000 workshops**  
**active customers**



**Patents**  
**50 Master, 105 total**



**Certifications**  
**ISO 9001 - IATF 16949**  
**E.P.A. - ISO/IEC27001**  
**TISAX**

To check out the extensive coverage of TEXA products, go to:  
[www.texa.com/coverage](http://www.texa.com/coverage)

To check on IDC5 compatibility and minimum system requirements, go to:  
[www.texa.com/system](http://www.texa.com/system)

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11/2021 - Inglese - V18



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