OFF-HIGHWAY Solutions

www.texa.com

TEXA

GLOBAL SPECIALISTS IN DIAGNOSTICS

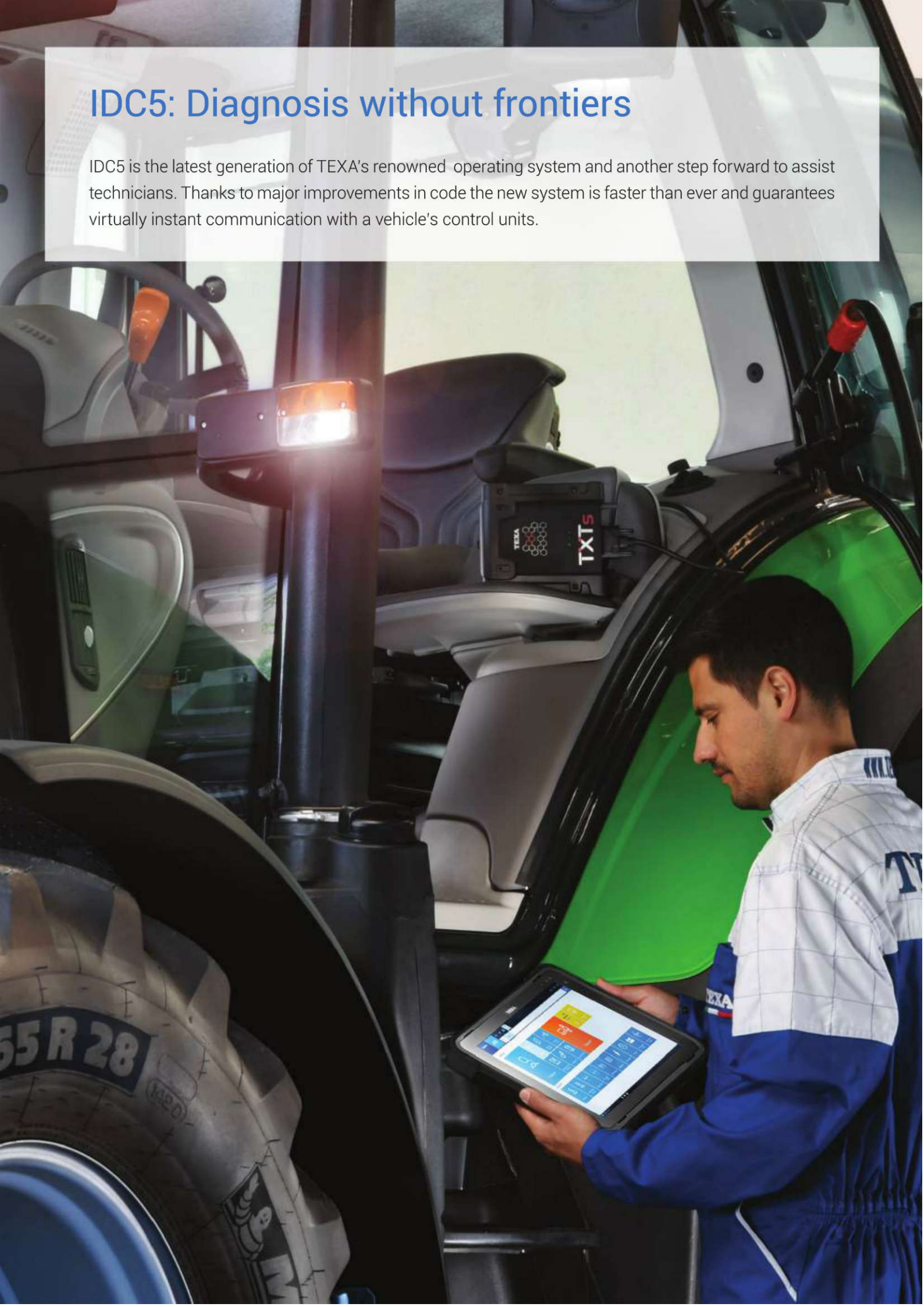
TEXA has always been a reference point in the world of automotive equipment, and this leading position has been consolidated through the design and manufacture of innovative tools for electronic autodiagnosis, electrical diagnosis, exhaust gas analysis and air conditioning system service stations, for use on cars, trucks, motorcycles, agricultural vehicles and marine applications. Over the years, TEXA has built up an extensive global network of over 700 distributors in over 100 countries.

A complete and modular offer

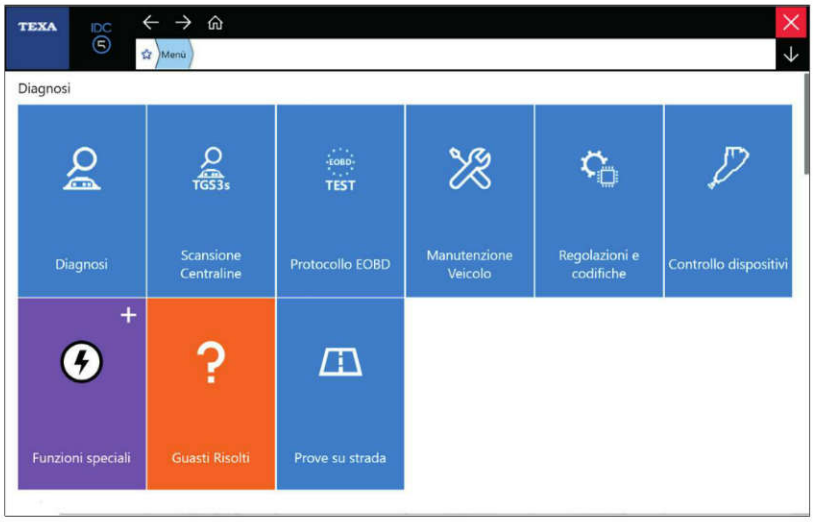
TEXA offers the technician total assistance during all phases of a repair, from the analysis of fault symptoms to the identification of the right spare part. TEXA boasts an unrivalled offering of tools and services designed to satisfy all possible needs. From dedicated workshop tools to operating software, specialist training and customer services.

IDC5: Diagnosis without frontiers

IDC5 is the latest generation of TEXA's renowned operating system and another step forward to assist technicians. Thanks to major improvements in code the new system is faster than ever and guarantees virtually instant communication with a vehicle's control units.



An even more intuitive software interface



The graphic interface of IDC5 is designed to resemble the latest consumer applications, simplifying and making the various steps in maintenance and repair procedures more intuitive. On top of this, all diagnostic pages have been redesigned to give a fuller view of the most relevant information and the menu has been revised and is now arranged vertically. This new solution lets you scroll rapidly through all available options without ever having to change pages. A simple touch is all that is needed to zoom in on the functions you want.

Another new function allows you view and manage vehicle parameters. These can be displayed in graphic form and can be filtered using text searches or by selecting those specifically required .

Even the downloading of updates is faster in the new software. IDC5 is constantly evolving and is open to new technologies that appear in the near future, including, for example, those offering the possibility to select and activate diagnostic functions by voice.

Exclusive IDC5 functionalities

IDC5 is the software to beat when it comes to multi-brand diagnostics. IDC5 provides an extensive series of exclusive functionalities developed and optimised by TEXA's own R&D department.

Automatic Vehicle Search

The Vehicle Search function identifies the model you are working on precisely and rapidly. Quick and intuitive, the Vehicle Search function can be used in the following ways:

VIN code search: with the diagnostic tool connected to the vehicle's OBD socket, this function automatically retrieves the VIN and then selects the model of vehicle from the IDC5 software database.

Engine number search: in this case the vehicle is identified simply by entering the engine number.

Registration number search: this function lets you find and load data for any vehicle saved in IDC5's Customer Management database, simply by entering the complete or partial registration number.

Freeze Frame

Freeze Frame lets you view the display of parameters and data detected and recorded at the moment a fault occurs. The actual information displayed by Freeze Frame may vary from one vehicle manufacturer to another and from one type of system to another.

Error Help

"Error Help" is the easiest and most accessible way to obtain information on errors. The help content provides useful information on the meaning of error messages and if necessary, on what checks to perform first.

TGS3s global system scan

The amazing TGS3s automatically scans all the accessible* control units on the vehicle. The system is impressively fast in the way it recognises the ECUs and accesses the relevant diagnostics. On completion of the scan, TGS3s immediately displays any errors detected on the vehicle along with the relevant error codes and descriptions. It also lets you read and reset errors with a single click. You can even run autodiagnostics on selected systems directly from the error detection screen.

*TGS3s scanning may not function with older models of vehicle since previous generation control units may not support the latest scanning functionalities.

Wiring Diagram Detail

This function makes an instant link between the error read from the control unit and the corresponding component on the wiring diagram. From the wiring diagram you can access the test functions and device descriptions typical of the IDC5 operating environment.

Recording of diagnostic sessions
(Rec&Play)

Faults sometimes intermittently occur under specific operating conditions. For example, power may be lost only when driving uphill or when the engine is under a high load, or perhaps a warning light comes on only when the engine is hot. Under conditions like these, the Rec & Play function offers the perfect solution, as it lets you record parameter values and any errors that occur during a road test. Data can be viewed and analysed later and even printed out as a report on the test.

OEM Vehicle Check-Up

This function displays a list of systems configured on a vehicle and lets you view a list of any errors detected. The function identifies all ECUs and reads their error logs (3 to 20 times faster than normal). It also determines the state of each error (active or logged) and provides instant access to the "Error Help" function and related fault solutions. In addition, the function lets you select and display a determined group of ECUs and even cancel errors without having to re-establish communication between the tool and the control unit.


TEXA
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Support for Autodiagnostics

Data sheets and Wiring Diagrams provide detailed information on the functionalities of individual systems to support autodiagnostic tests. In addition, users can also look up specific mechanical data for each vehicle.

Data sheets

TEXA's technical bulletins provide superbly accurate information on the selected vehicle, including instructions for performing a manual reset after servicing, overviews of specific mechatronic systems and much more.

System wiring diagrams

Wiring diagrams are prepared by TEXA's own engineers. Because they follow the same standard for all vehicle manufacturers, they are a great help in troubleshooting. While you are consulting a wiring diagram, you can also access related datasheets by selecting a specific component or use the SIV function to perform oscilloscope tests using automatically selected settings.

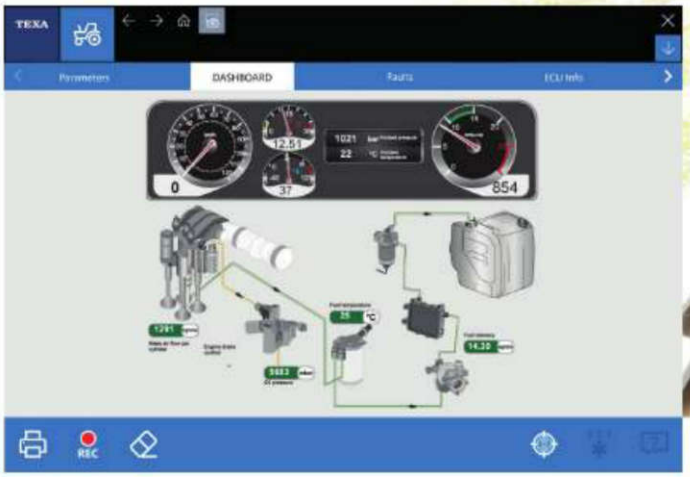
i-Support

(by subscription)

This function can be used to send a request for assistance simply by entering the type of vehicle and the system being serviced then describing the specific problem that cannot be solved. The TEXA call centre will immediately deal with the request and provide a response to solve the problem in the shortest possible time.

DASHBOARD

The DASHBOARD* is an exclusive function of IDC5 operating software that lets you view a vehicle's operating parameters. Its attractive and intuitive graphic interface reproduces a vehicles dashboard, mechanical components and functioning logic.



* Customers using an AXONE Nemo diagnostic tool will find the DASHBOARD already present and active. Customers using other diagnostic tools can purchase DASHBOARD as a dedicated app from the "TEXA APP" virtual store.

TEXA APP*

TEXA APP is a totally new addition to the world of multi-brand diagnostic tools. The TEXA APP virtual store lets you request activation of a large number of applications for the vehicle repair with one simple click.
TEXA APP provides diagnostic software and innovative applications developed by TEXA. It allows you to customise your tools directly from IDC5 software, adding the most suitable functionalities for your own purposes. Your diagnostic tool therefore becomes more modular and flexible than ever in the way it matches your professional requirements.

The TEXA APP store is divided into two different sections:

- TEXA APP: this section lists all available software and applications developed by TEXA; it can be used to extend coverage or software functions by upgrading to a new version, or to activate new APPs as they are released.

- PARTNER APP: this section lists apps developed as the result of TEXA's partnership with providers of goods and services for automotive technicians, including manufacturers and distributors of spare parts, specialist magazines, technical information services and so on.

*Check the availability of TEXA Apps for your tool.

Unrivalled coverage

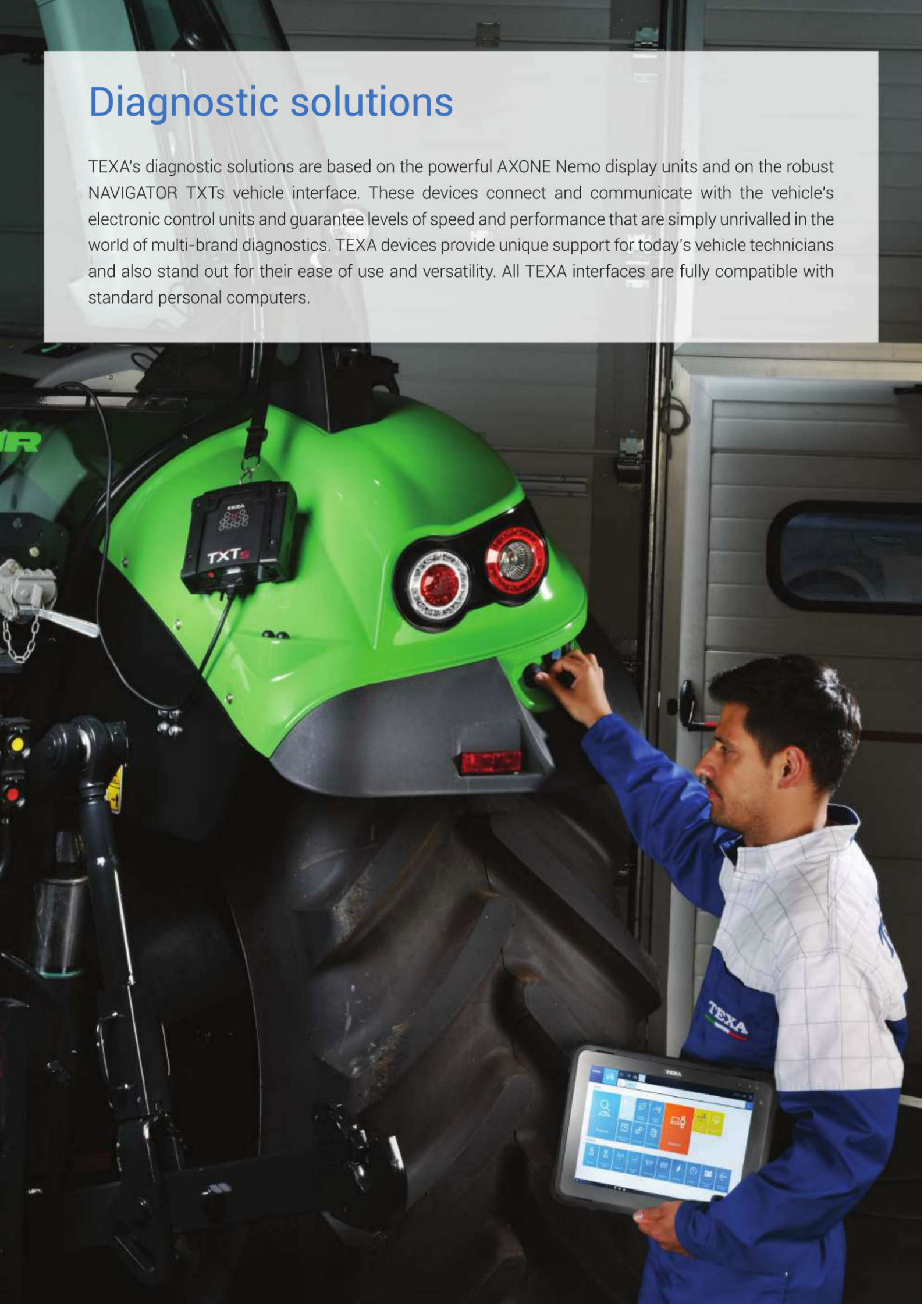
Vehicle diagnostics is TEXA's core business. To keep ahead of the competition, TEXA is committed to offering its customers the best possible coverage of vehicles in circulation. The various teams operating in TEXA's European subsidiaries have recently been complemented by new teams working directly in Asia to ensure prompt and accurate coverage for Japanese, Korean, Chinese and Indian vehicles. This network guarantees customers all over the world a coverage that is simply without rivals in terms of the number of vehicles covered and the quality of the coverage provided. Regular software updates are guaranteed by subscription to a TEXPACK.

Over 7.000 diagnostic options

To check the extensive coverage of TEXA products, go to **www.texa.com/coverage**

Diagnostic solutions

TEXA's diagnostic solutions are based on the powerful AXONE Nemo display units and on the robust NAVIGATOR TXTs vehicle interface. These devices connect and communicate with the vehicle's electronic control units and guarantee levels of speed and performance that are simply unrivalled in the world of multi-brand diagnostics. TEXA devices provide unique support for today's vehicle technicians and also stand out for their ease of use and versatility. All TEXA interfaces are fully compatible with standard personal computers.



AXONE Nemo

The AXONE Nemo is the most technologically complete and powerful display unit on the market today, with characteristics easily comparable to those of leading commercial tablets. Unlike a tablet the AXONE Nemo is incredibly tough and able to withstand severe shocks, including falls into water: thanks to a special TEXA patent, the AXONE Nemo is the world's only PC-type device that floats. The casing of the Nemo is made entirely from magnesium, a noble metal that stands out for its light weight and efficient heat dispersal. This high level of functionality is equalled by TEXA's traditional attention to style: the AXONE Nemo is not just practical but attractive too. It is also packed with advanced technology, starting from an ultra-wide 12 inch capacitive touch-screen with the impressive resolution of 2160x1440, with tough Gorilla Glass protection. The heart of the AXONE Nemo is an Intel® Quad Core N3160 processor with 8 GB of RAM and 250 GB of storage. Connectivity is guaranteed by an advanced, double channel Wi-Fi system and a Bluetooth® 4.0 Low Energy module. The AXONE Nemo incorporates a full set of sensors, including a barometer, an accelerometer, a gyroscope, a compass, a light sensor and a GPS module. Another distinctive feature is the presence of two 5 megapixel cameras, one forward facing and one rear facing complete with flash/torch and autofocus.


TEXA
Menù
Diagnosi
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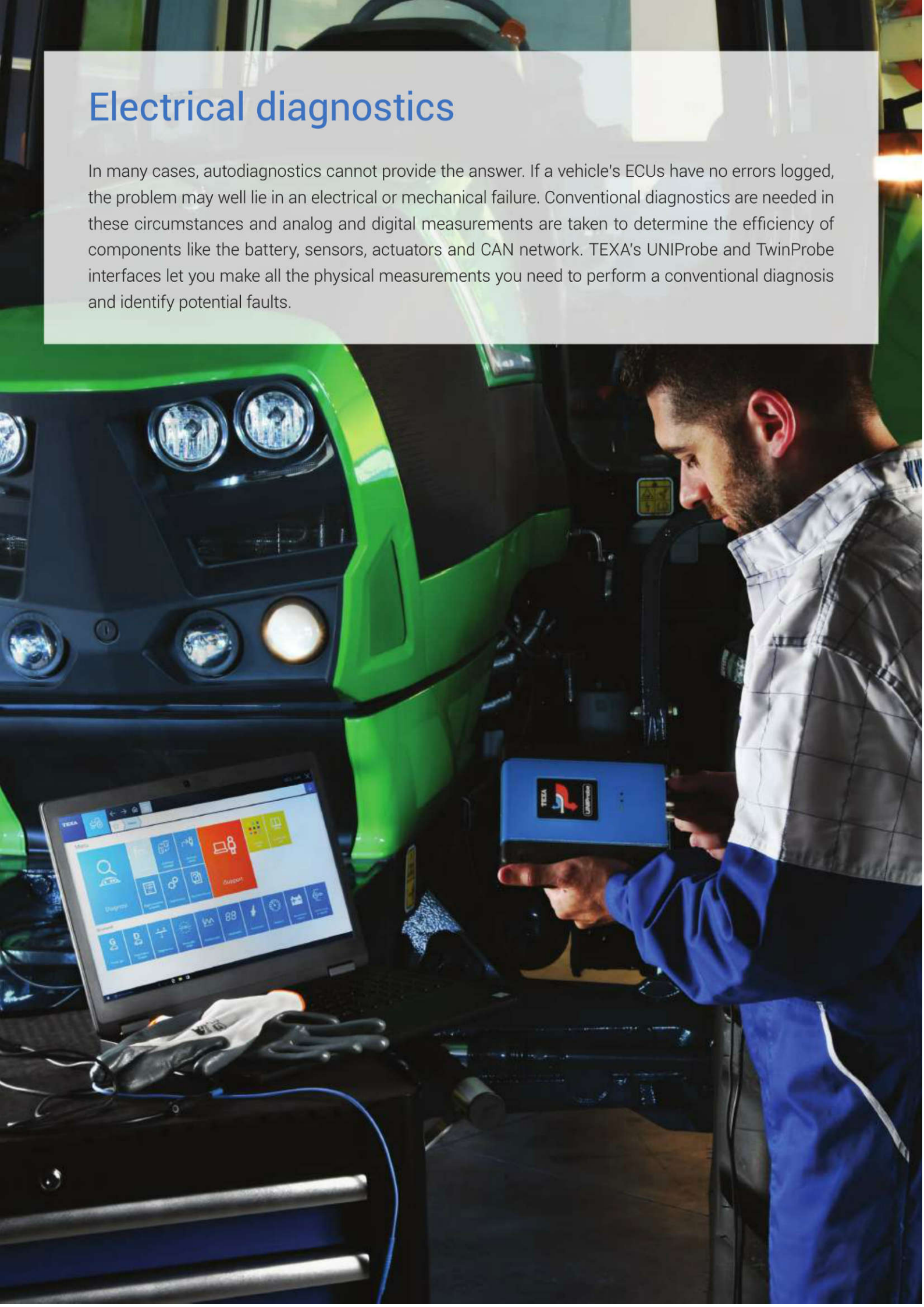
NAVIGATOR TXTs

The NAVIGATOR TXTs is the most powerful, highest performer of TEXA's vehicle interfaces and lets you work in the OFF-HIGHWAY, CAR, TRUCK, BIKE and MARINE environments. You can use it to run autodiagnostic tests, view parameters,status, activate devices, perform adjustments and configurations, reset warning lights, maintenance, service and airbag indicators, configure ECUs, program keys and remotes and much more.
The NAVIGATOR TXTs is compatible with PASS-THRU protocol*, which allows workshops to connect to manufacturers' central servers and download software packages or official technical information.

* Go to www.texa.com/passthru to verify compatibility and the functions made available by individual vehicle makers.

Electrical diagnostics

In many cases, autodiagnostics cannot provide the answer. If a vehicle's ECUs have no errors logged, the problem may well lie in an electrical or mechanical failure. Conventional diagnostics are needed in these circumstances and analog and digital measurements are taken to determine the efficiency of components like the battery, sensors, actuators and CAN network. TEXA's UNIProbe and TwinProbe interfaces let you make all the physical measurements you need to perform a conventional diagnosis and identify potential faults.



The UNIProbe and TwinProbe are two devices for acquiring the analogue and digital measurements needed for conventional diagnostic testing.

UNIProbe

The UNIProbe includes:

• Oscilloscope: four independent analogue channels, complete with SIV function for interpreting measured signals.

• Battery Probe: for testing the battery, analysing and checking the entire starting and charging system.

• 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 fuel supply and turbocharger pressure on all vehicles.

TwinProbe

The TwinProbe includes:

• Oscilloscope: two independent analogue channels with inputs up to ± 200V, 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.

KONFORT A/C recharge stations

The KONFORT 700 range is made up of innovative models with different specifications and operating modes for the high precision of vehicle air conditioning systems. The range is produced on an assembly line that is the only one of its kind in the world to ensure the ultimate in quality and lasting reliability. The exceptional characteristics of their components guarantee a refrigerant recovery rate of over 95%. An essential, stylish design combines with easy handling, sturdiness and safety to make all A/C system maintenance operations quick and easy.

KONFORT 760R

This model features a high-visibility TFT colour display and an advanced graphic interface that presents images and information in an easy to understand way. Recharging operations are completely automatic and require no manual valve control. Distinctive features include hermetically-sealed oil/UV bottles, fully automatic recharging, a scales locking/unlocking system and automatic refrigerant weighing. It can be purchased pre-configured for R134a or R1234yf refrigerant. A retrofit kit is also available to convert between the two refrigerant types.

Main features

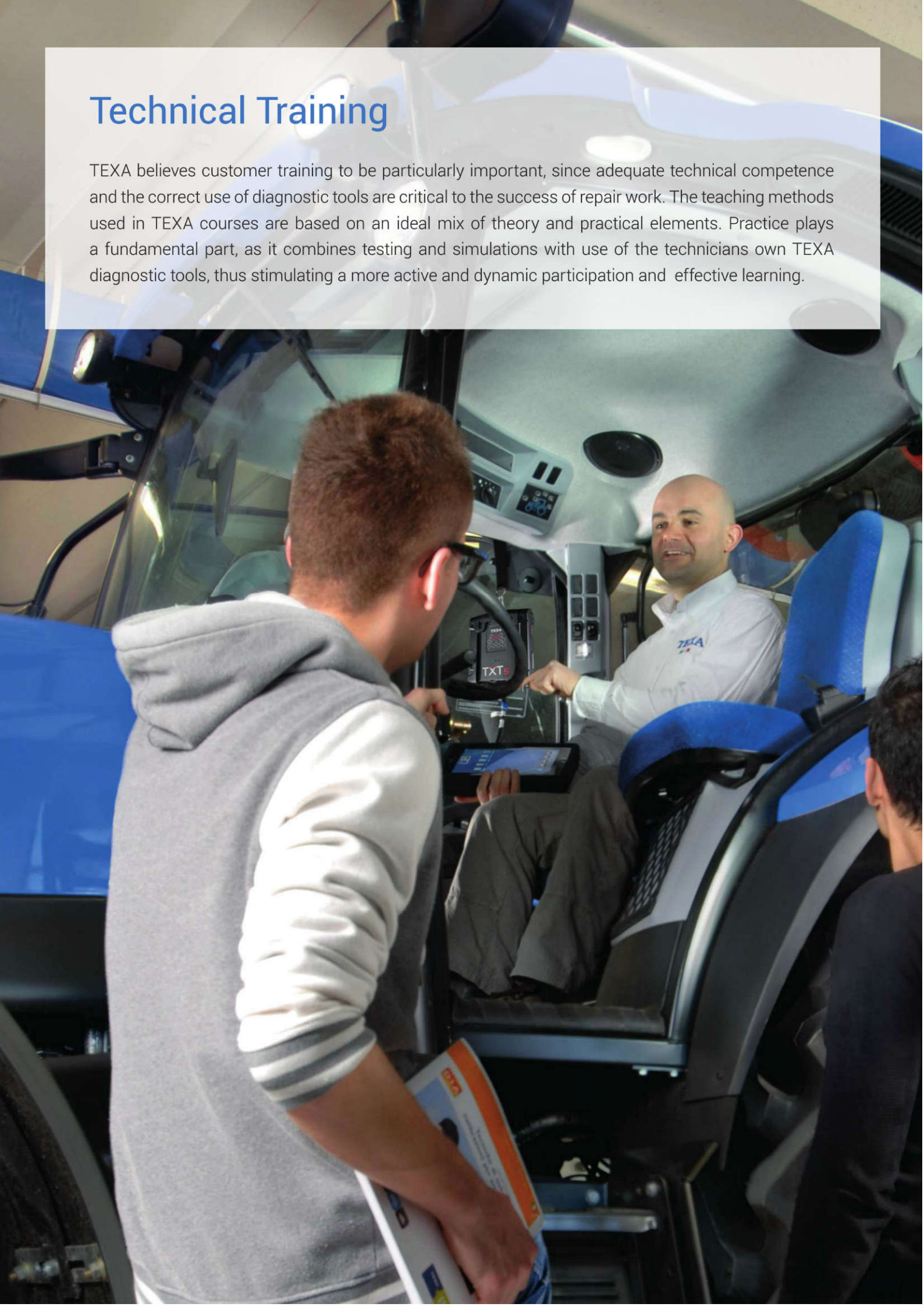
- R134a or R1234yf compatible
- High visibility colour TFT display with interface Graphics
- DATABASE/SERVICE management via SD card
- Rotating gauge display
- 20 Kg internal tank
- +/- 15 gr load precision
- High efficiency refrigerant recovery (above 95%)
- Dual stage vacuum pump
- Hermetically sealed bottles
- Automatic high precision oil injection
- Automatic oil bottle recognition
- Automatic precise refrigerant measurement check
- Scale lock system
- Automatic service procedure management
- Functionality:
  - DATABASE
  - PERSONALISED SERVICE
  - MY DATABASE
- Multilingual software coverage
- Service hose length compensation
- Automatic maintenance alarm
- Simplified maintenance
- Automatic management of uncondensable product

Optional

Flushing Kit, VDC Kit, Climate efficiency kit, refrigerant identifier, thermal printer, air conditioning system autodiagnostics.

Technical Training

TEXA believes customer training to be particularly important, since adequate technical competence and the correct use of diagnostic tools are critical to the success of repair work. The teaching methods used in TEXA courses are based on an ideal mix of theory and practical elements. Practice plays a fundamental part, as it combines testing and simulations with use of the technicians own TEXA diagnostic tools, thus stimulating a more active and dynamic participation and effective learning.



D1A

Diagnostic and calibration techniques for agricultural vehicles

To understand the functioning of the electronic systems on the Agricola tractor. To learn the different types of electrical/ electronic system installed on tractors. Introduction to electronic systems: engine management, transmission, power lift and CAN and ISOBUS architecture. A look at diagnostic systems and the most common procedures for resetting and calibrating electrical/mechanical tractor systems.

Verify the availability of courses in your own country.

TEXA

TEXA was established in Italy in 1992, and today is one of the world's leading names in the design and production of multibrand diagnostic and telediagnostic tools, exhaust gas analysers and air conditioning maintenance stations.

TEXA operates virtually all over the world through an extensive distribution network. In Spain, France, Great Britain, Germany, Brazil, the United States, Poland, Russia and Japan, TEXA markets its products directly through its own subsidiaries. TEXA employs some 600 people around the world, including over 100 engineers and specialists working in Research and Development.

TEXA has won many international awards over the years, including the Innovation Award at Automechanika in Frankfurt (2010 and 2014), the "Award of Awards" for the most innovative company in Italy, presented by the President of the Republic, Giorgio Napolitano (2011), the Irish Automotive Innovation Award (2014) and the Golden Key Award in Moscow (2014 and 2015). In 2015, MIT Technology Review classed TEXA as one of the ten most "disruptive" companies in Italy. Also in 2015, TEXA won the Frost & Sullivan "European Commercial Vehicle Diagnostics Customer Value Leadership".

All TEXA tools are designed, engineered and built in Italy, using modern automated production lines which guarantees maximum precision. TEXA focuses careful attention on product quality, and has obtained certification in accordance with the strict ISO TS 16949 requirements for suppliers of original equipment to the automotive industry.

To check out the extensive coverage of TEXA products, go to: **www.texa.com/coverage**

To check on IDC5 compatibility and minimum system requirements, go to: **www.texa.com/system**

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