



Multi-product Solutions

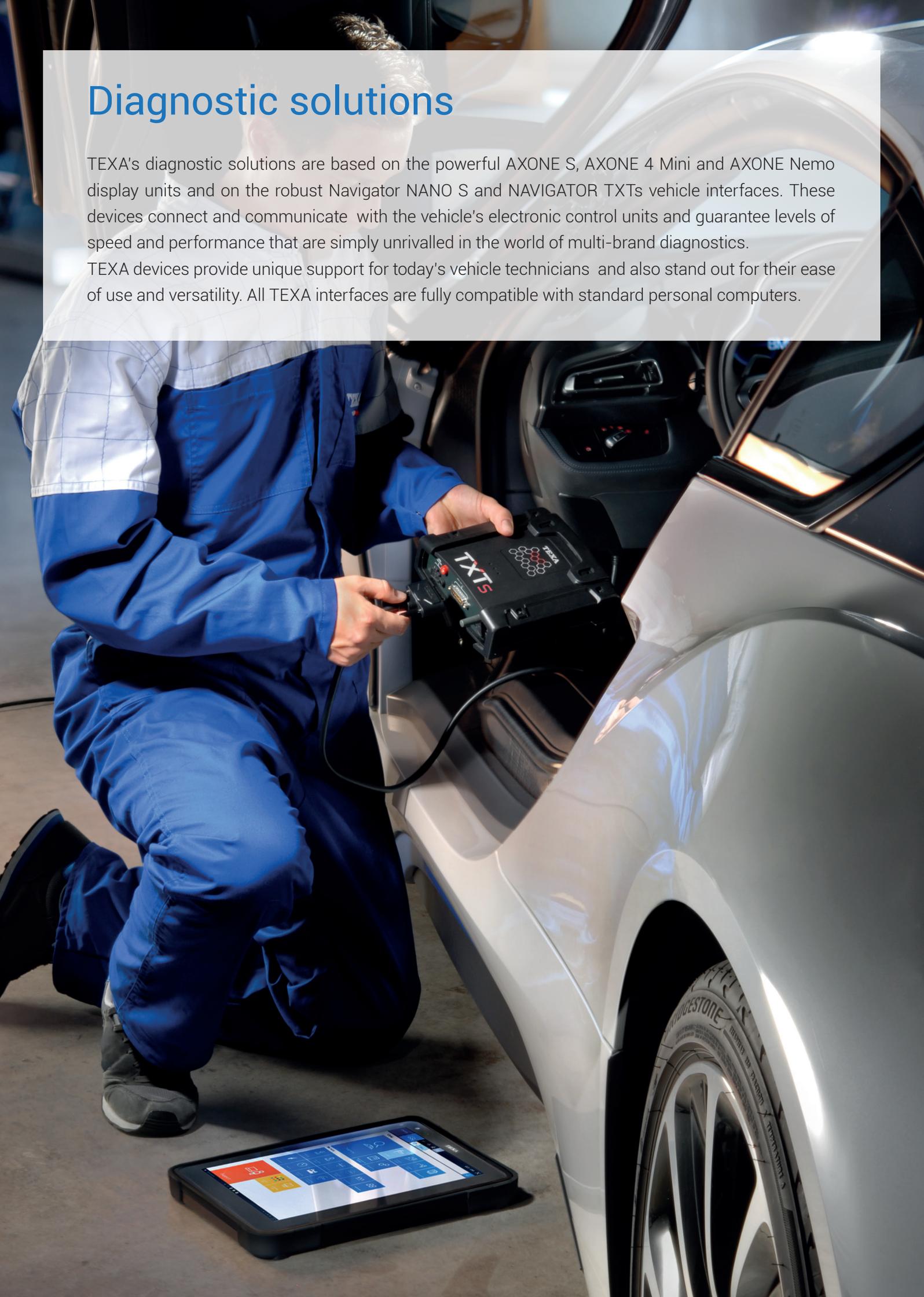
www.texa.com



Diagnostic solutions

TEXA's diagnostic solutions are based on the powerful AXONE S, AXONE 4 Mini and AXONE Nemo display units and on the robust Navigator NANO S and NAVIGATOR TXTs vehicle interfaces. 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



AXONE Nemo is TEXA's latest new product in the diagnostic display field. It is a powerful tablet already ready for the future, designed to guarantee an optimal use for mechanics both inside and outside the workshop.

AXONE Nemo allows you to carry out all the diagnostic operations at a very high speed; it is very solid and capable of resisting to strong shocks, including falling in water. In addition to all this, it can float. It has exceptional equipment that puts it at the top of the diagnostic tools and guarantees technicians the possibility to work at the highest levels for many years. Its standard equipment includes a 12" ultra-wide capacitive screen with a resolution of 2160x1440, an Intel® Quad Core N3160 processor, an 8 Giga RAM and 250 GB SSD, dual-band Wi-Fi, Bluetooth® 4.0 Low Energy, two 5 megapixel cameras. AXONE Nemo's "engine" is IDC5, the new operating software completely redesigned in the architecture and "user experience" which enhances this diagnostic tool's features, also through a "touch gesture" to reach the desired functions in no time.

Another exclusive feature of AXONE Nemo is the possibility to install interchangeable magnetic modules (USB 3.0, Thermographic, Ethernet Broad R/DoIP LAN) capable of expanding its potentials and the measuring and control resources, in order to keep it always ready for a possible future evolution.





AXONE 4 Mini



The refined styling of this innovative tool is centred around a generous 7 inch resistive touch screen offering a record resolution of 800x1280. Its Cortex A8 processor is amazingly fast and completes tasks in only half the time taken by the previous generation of tools. The hardware provided will allow you to work efficiently for many years to come and keep up with the latest development in vehicle electronics. The dedicated IDC5 PM software is easy to use and runs diagnostics in record time. A practical and extremely robust solution (IP 42 Standard), the AXONE 4 Mini is ideal for tough workshop environments.



AXONE S



The AXONE S is the first ever Multi Utility diagnostic tool. It is designed to satisfy the latest maintenance needs that have emerged as a result of constant technical evolution and the spread of electronics to all vehicle components. Today, not just technicians but tyre fitters, suspension tuners, fast-fit centres and even service station operators have to be able to connect with and diagnose electronic systems. Though it does not have all the same features as our top of the range tools, the AXONE S nevertheless shares the same extensive diagnostic coverage, and provides all the most important functions. The AXONE S uses the Android™ operating system and is currently available in DIAGNOSIS, TPS/FAST-FIT configurations. Other configurations will be added in future.



Navigator TXTs



The NAVIGATOR TXTs is the most powerful, highest performer of TEXA's vehicle interfaces and lets you work in the CAR, TRUCK, BIKE, OFF-HIGHWAY 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.



Navigator TXB Evolution



The NAVIGATOR TXB Evolution is a latest-generation interface, a state-of-the-art tool especially developed for the motorcycle environment. It is an evolution of its predecessor the NAVIGATOR TXBs but is faster and more powerful despite being more compact in size. Its hardware features make it compatible with all current protocols and its integrated 16-pin CPC connector allows the use of all the BIKE diagnostic cables. Other than the "classic" diagnosis, it also allows recording the diagnostic session while moving**.



Navigator NANO S



The Navigator NANO S is the simplest of TEXA's vehicle interfaces. This latest-generation vehicle interface from TEXA lets you run various diagnostics on cars, light commercials, motorcycles, scooters, quads and jetskis. Every aspect of the Navigator NANO S has been carefully designed and developed to fully satisfy the needs of the modern workshop and to allow technicians to complete all diagnostic tests quickly and easily.



TPS



The TPS (Tyre Pressure Service) is TEXA's basic solution for tyre-related service operations. The TPS boasts an exceptional coverage of makes and models as well as TEXA's traditionally robust design and build quality. Once you have selected the make and model of vehicle, the TPS unit can communicate with the valve sensors on each wheel. Placing the tool near the sensors allows you to activate them and check their efficiency even if they are in stand-by mode at the time. The tool's own display reads out pressure, temperature and battery charge level (where available), as well as the relevant identification codes and all other diagnostic information provided by the vehicle manufacturer.



AXONE S (TPS/FAST-FIT)



AXONE S TPS/FAST-FIT is the best solution currently available. It lets you perform all TPMS-related operations, whatever system configuration the vehicle manufacturer has adopted.

All you need to do is select the make and model of the vehicle you are working on and the software automatically lists what functions are available for the valve sensors (the same functions provided by TPS) and what functions you can select to program the control unit.



TPS KEY



This is the ideal solution for workshops that already own an AXONE Nemo or AXONE 4 Mini and who want to expand their tool's diagnostic capacity by adding tyre related functions.

The TPS KEY transforms the above mentioned tools into complete, high performance solutions for working with TPMS systems. Just plug the TPS KEY into your tool's USB port and the TPMS Repair app will guide you step by step through all the phases of the procedure you need to complete.

Solutions for the calibration of video cameras (ADAS)



Amongst the many electronic systems vehicles are equipped with, increasing importance is given to the Advanced Driver Assistance Systems (ADAS) such as park assist, lane guidance and emergency braking assist.

With this in mind TEXA have developed the "Video Camera Calibration Kit" made up of several panels divided by make which, in combination with the diagnostic tool, allow a correct calibration of the sensors that are part of these systems.

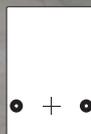
NOTE: not all makes and/or models need an external device in order to complete the calibration procedure.



HONDA
(front)



KIA/HYUNDAI Type 2
(front)



MERCEDES
(front)



MERCEDES Type 1
(rear)



MERCEDES Type 2
(rear)

Thanks to its "modular" architecture, TEXA's solution allows you to create the best combination of calibration panels based on your professional needs. The software supplies instructions through embedded help files to ensure correct positioning of the panel and guides the technician step by step through all stages of the calibration process. The help sheets are specific for each make/model are used for the setup of the panels (including the height of the panel, the distance from the vehicle, the alignment etc.). In order to provide the technician with the best support possible during the calibration, TEXA has also developed ADAS, a specific app that simplifies the selection of the correct vehicle and of the specific electronic system that must be calibrated, offering direct access to the functions:



AUTOMATIC RADAR CALIBRATIONS*



VIDEO CAMERA/PARK ASSIST

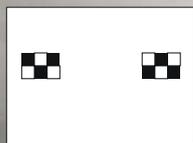
You may activate these applications by simply accessing the TEXA APP virtual store.



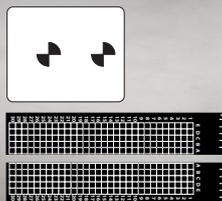
*The radar calibration functions currently available are automatic procedures and do not require the use of the panels.



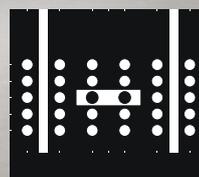
NISSAN/INFINITI
(front)



NISSAN
(front)



RENAULT/SMART



VAG
(front)



VAG
(rear)

KONFORT A/C RECHARGE STATIONS for R1234yf, R134a

The KONFORT 700 range includes 10 models with different specifications and operating modes, for servicing vehicle air conditioning systems containing R1234yf & R134a.

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 KONFORT range features a total of 10 registered international patents. The components used all have exceptional characteristics and guarantee refrigerant recovery efficiency in excess of 95%. The neat design combines easy handling, sturdiness and safety to make all maintenance operations simple and easy.



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



KONFORT 780R (R134a and R1234yf)



This is the top of the range in the 700 series and the best the market has to offer. Though it is no bigger than any of the other models, the 780R comes with two tanks and two separate recovery, recycling and recharging circuits. It can therefore handle both refrigerants (the "old" R134a and the "new" R1234yf) at the same time.



KONFORT 770S (R1234yf only)



The 770S 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. The 770S comes with an automatic leak detection system and EN837 Class 1 certified pressure gauges, and includes the TEXA refrigerant identifier as standard.



KONFORT 760R and 760R BUS (R134a or R1234yf)



This model can service all car, light commercial, HGV and tractor A/C systems. Despite its affordable price it does not compromise on the technology typical of the KONFORT range. It comes pre-configured for the older R134a or for the new R1234yf refrigerant. An optional retrofit kit is also available to convert from one type of refrigerant to the other.



KONFORT 720R



(R134a or R1234yf)

This model can service all car, light commercial, HGV and tractor A/C systems. Despite its affordable price it does not compromise on the technology typical of the KONFORT range. It comes pre-configured for the older R134a or for the new R1234yf refrigerant. An optional retrofit kit is also available to convert from one type of refrigerant to the other.



KONFORT 707R



(R1234yf only)

This new A/C charging station works with the R1234yf refrigerant. Essential and simple to operate, it nevertheless incorporates all the latest design solutions. It is fully automatic in functioning and guarantees excellent efficiency and safety. Compared to the competition, this charging station stands out for its advanced features: a dehydrator filter that lets you perform up to 300 recharges; scale locking system; alphanumeric keyboard; 4 castoring wheels; and a maintenance log with data on all services completed.



KONFORT 710R



(R134a only)

Though it is the entry level model, it offers all the key functions of the KONFORT 700 Series, including automatic leak detection, electronic refrigerant weighing, automatic timed oil and UV tracer injection, and high efficiency refrigerant recovery (over 95%).



KONFORT 705R (R134a only)



TEXA's "entry level" solution specifically designed for R134a refrigerant. It is ideal for workshops that wish to offer impeccable service while keeping their business costs low. The KONFORT 705R maintains the same quality design, sturdiness and recharging precision that characterises all the other models in the KONFORT range.



KONFORT 705R OFF ROAD (R134a only)



Designed for use on rough surfaces. This recharge station is equipped with two larger rear wheels and tyres filled with a special anti-puncture foam. A robust metal bar improves the recharge station's already high stability during operations. The station is also fitted with a scales locking system to prevent the loss of calibration during movement over rough ground.

REFRIGERANT IDENTIFIER KIT



TEXA is the manufacturer of the only refrigerant identifier currently made in Europe; it comes as standard equipment on the KONFORT 770S and is available as an option on all the other versions (except the 705R, 705R OFF ROAD, 710R and 720R). Protected by three registered international patents, it can guarantee the purity of both the R134a and the R1234yf refrigerants. It prevents mechanics from performing any type of activity that could put him/her in danger, avoiding the dangerous mixing of different refrigerant types.

THE KONFORT RANGE 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 marker listed.

Emissions Diagnostics

The TEXA solution for exhaust gas analysis includes a series of tools for performing all the tests and analyses currently required by emission control legislation: GASBOX Autopower, OPABOX Autopower, GAS Mobile, MULTI PEGASO, RC2, RC3, RCM.





GASBOX and OPABOX



GASBOX Autopower 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 diesel engine control, 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



The MULTI PEGASO is an exhaust gas analysis and control station for conventional vehicle repair shops. The station comprises a dedicated controller with the latest generation processor, and comes with Bluetooth and Wi-Fi communication modules.

RC2 and 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. The RC3, other than these modes, can also read the data directly from the OBD socket and operate as an EOBD scantool.

RCM



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

Electrical diagnostics

In many cases, autodiagnosics 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.





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 $\pm 200V$, 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.



TTC



The TTC is a special tool for checking the tension of engine cam belts, developed on Ducati's own specifications. The TTC measures belt tension by means of a highly sensitive microphone that allows the belt's resonant frequency to be analysed.



ATTEN

Obbligo di
e collegare co
il sistema

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.

WARNING

The trademarks and logos of vehicle manufacturers in this document have been used exclusively for information purposes and are used to clarify the compatibility of TEXA products with the models of vehicles identified by the trademarks and logos. Because TEXA products and software are subject to continuous developments and updates, upon reading this document they may not be able to carry out the DIAGNOSTICS of all the models and electronic systems of each vehicle manufacturer mentioned within this document. References to the makes, models and electronic systems within this document must therefore be considered purely indicative and TEXA recommends to always check the list of the "Systems that can be diagnosed" of the product and/or software at TEXA authorised retailers before any purchase. **The images and the vehicle outlines within this document have been included for the sole purpose of making it easier to identify the vehicle category (car, truck, motorbike, etc.) for which the TEXA product and/or software is intended.** The data, descriptions and illustrations may change compared to those described in this document. TEXA S.p.A. reserves the right to make changes to its products without prior notice.

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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