AXONE

Nemo

www.texa.com
Impermeability and floatability are features that are available when purchasing the special AXONE Nemo Waterproof version.
The strength of a tool depends on its parts

When you purchase a TEXA tool, you gain access to a wide range of functions and services that extend the concept of the tool as such and provide complementary but essential support for the complex tasks, present and future, that the modern mechanic has to deal with.

More than a simple diagnostic tool, the AXONE Nemo is a an “all in one” solution. It provides direct access to advanced operating software and permits the use of interchangeable modules with practical magnetic fittings that add innovative diagnostic and test functions (RH+, thermal imaging, DoIP modules etc.). Apps in the operating environment let you select the specific data you need for a job and purchase it even individually from leading diagnostic databases. You can also access a special call centre to get remote assistance for the most sophisticated configurations and adjustments. There is even an app for subscribing to a specialist, continuous training programme that comes complete with customised insurance to protect you against claims resulting from work performed on the complex smart control systems found on modern vehicles. These new functionalities, which revolutionise the world of vehicle repair, are made possible by the unique hardware characteristics of the AXONE Nemo, which combines robust build with unrivalled processing power, high memory capacity and evolved wireless communication technology. Older diagnostic platforms were simply unable to offer this level of features.

Its unique characteristics establish the AXONE Nemo as the ultimate diagnostic tool, well ahead of anything else the market has to offer in terms of content and services. For example, the AXONE Nemo lets you access a PASS-THRU application directly from the tool.
A magnesium chassis like a racing car

Unlike any other diagnostic tool, the body of the AXONE Nemo is made from noble magnesium rather than common plastic.

This intelligent technical solution means:
- Greater rigidity and strength
- Less weight
- The ability to use the fastest micro-processors thanks to excellent heat dispersal.

In addition to these advanced technical features, the AXONE Nemo also boasts TEXA’s usual stylish design and quality finish and is beautifully easy to use too.
Waterproof, able to float* and made to military standards

The AXONE Nemo is made to military standards to withstand the hardest knocks and thrives in the harshest working environments. Unique among diagnostic tools, the AXONE Nemo is fully waterproof and even floats, thanks to TEXA’s internationally patented technology.

Special production standards

The AXONE Nemo is manufactured on ultra-modern and fully automatic assembly lines that apply extremely rigorous quality controls and ensure total product traceability. TEXA is one of only a few companies in the diagnosis sector to be certified to ISO TS 16949, the standard demanded of OEM suppliers to the automotive industry.

* Impermeability and floatability are features that are available purchasing the special “AXONE Nemo Waterproof” version.
Absolute Technology

The AXONE Nemo is packed with advanced technology, starting from an ultra-wide 12 inch capacitive touch-screen with the impressive resolution of 2160x1440 and with tough Gorilla Glass protection that guarantees perfect readability even in bright sunlight. The heart of the 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.

To exploit the full functionality of IDC5, the AXONE Nemo incorporates a set of sensors that includes a barometer, an accelerometer, a gyroscope, a compass, a light sensor and a GPS module.

Another distinctive feature is the presence of two powerful, 5 megapixel cameras, one forward facing and one rear facing complete with flash/torch and autofocus. The perfect solution for adding images to customer reports and sending explanatory photos to customer assistance.
A unique display

The AXONE Nemo’s ultra-wide, 12 inch display is incredibly tough thanks to a Gorilla Glass screen and is designed to meet all the mechanic’s needs, even in future years. The display’s dimensions and resolution permit easy reading of complex wiring diagrams and sophisticated measurements, including electrical readings. It is also ideal for viewing the explanatory videos that are becoming more and more common in the workshop environment. Needless to say, the display can be used in portrait or landscape orientation.

“Touch Gestures” for ease of use

A latest generation capacitive touch screen and an advanced graphic interface make using the AXONE Nemo beautifully easy and intuitive. The IDC5 software features a new menu design, by swiping the display downwards you can reach all the functions you need in an instant, you can even zoom in on options and content of interest at any time.
Lightning quick

Thanks to its powerful hardware and dedicated IDC5 software, the AXONE Nemo is amazingly fast. In fact, it is 50% faster than the previous generation of TEXA tools, which were already renowned for their excellent performance. Given the increasingly widespread use of electronic systems on modern vehicles, mechanics are sure to appreciate the speed of the AXONE Nemo.
Extend your AXONE Nemo’s functionality with magnetic expansion modules

Given recent innovations in automotive technology, electric and hybrid vehicle systems being just one example, TEXA decided to develop a new generation of diagnostic tools to exceed the limitations of conventional diagnosis. Thanks to practical magnetic fittings, the AXONE Nemo can be expanded with additional modules that provide extra functionalities and resources for the diagnosis and repair of all kinds of vehicle, today and in the future.

**Mini docking module**

The mini docking module physically connects the AXONE Nemo to peripheral devices, permitting the transfer of all the data, information, images and reports needed in the workshop.

**Ethernet BroadR-Reach and DoIP/LAN module**

This module lets you connect to vehicles with diagnostics based on ISO 13400 standard, also known as DoIP (“Diagnostic over Internet Protocol”). Diagnostic operations can then be performed via a dual PC LAN and BroadR-Reach port.
Thermal imaging module

The thermal imaging module is extremely useful for accurate testing and troubleshooting. The module identifies differences in the temperatures of objects without having to come into contact with them. Simply by focusing the module’s built-in thermal imaging camera on the area concerned, you can see directly on the screen which components are functioning correctly and which are hot as a result of the passage of current. The module can be used for multiple applications, including checks on:

- Temperatures and air flows in the passenger compartment
- Relays
- Heated rear windows and heated mirrors
- Heated seats
- Radiators
- Fuse boxes
- Door seals
- and more besides.
IDC5: Full speed ahead!

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. 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. The new “Interactive Wiring Diagrams” function lets you consult wiring diagrams using animations of a system’s devices and an interactive map generated to show signal flows to and from the control units*.

Another new function allows you to 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.

* Only available on certain wiring diagrams. Availability to increase with future updates.
With TEXA APP, your IDC5 will never grow old. The world’s top databases and most advanced functionality available now - or soon!

TEXA has been synonymous with innovation in the automotive industry for 25 years. Determined to maintain this enviable reputation and improve continuously, TEXA has now made the mechanic’s work easier than ever. TEXA has introduced a whole new concept in diagnostic support in the form of the TEXA APP virtual store and access to world-class databases provided by TEXA and its partners. This new approach is designed to dramatically reduce vehicle repair and servicing times by letting you customise your TEXA tool the way you want, so that essential and up-to-date information is always at your fingertips. TEXA has also re-written its software to make it easier to tailor to your own professional needs while maintaining the same speed, simplicity and professionalism for which TEXA has always been renowned. In just a few clicks you can purchase TEXA apps written especially for garage use as well as individual modules from leading databases like Autodata and Autronica, containing repair manuals, technical information, maintenance and repair data and more besides. This means you can now personalise IDC5 software to meet the needs of your own business, just like a “bespoke suit”. You can also receive all the updates relevant to your own diagnostic procedures whenever new content becomes available.
TEXA APP: the new way to customise your diagnostic

**RH+ (Remote Help plus)**
A brand new idea for the mechanic, this App provides support and access to a vast range of special functions, even for new models of vehicle, and includes functions not normally available on multi-brand diagnostic tools. This innovative App lets you perform special setting and programming procedures using the know-how of an automotive expert. When you contact the TEXA CALL CENTRE, a TEXA specialist will be able to access your tool remotely to work alongside you in your garage!

**CONTINUOUS TRAINING**
This App gives you access to a special “Training & Insurance” package that includes an annual training course in the latest vehicle technologies and an insurance policy to protect you against potential risks deriving from your repairs of the latest, rapidly evolving smart systems.

**DASHBOARD MODE (CAR, TRUCK, OHW)**
DASHBOARD is the innovative function that lets you view vehicle engineering parameters using extremely intuitive and attractive graphics that reproduce an industrial vehicle’s dashboard, the mechanical components and operating logic of the selected system.

**DUAL MODE**
DUAL MODE is the innovative function that lets you connect and view parameters on two different interfaces simultaneously: for example, self-diagnosis can be performed on a component whilst the signal is studied with an oscilloscope. With this application, TEXA provides a more ample view during vehicle tests and diagnostics.

**LPG - CNG SYSTEMS**
LPG - CNG SYSTEMS is the App that allows you to diagnose the LPG - CNG systems installed on used vehicles (aftersales). This APP allows you to work on a large number of vehicles of different brands and models on which an LPG - CNG system was installed.

**SUPERCAR**
SUPERCAR is the TEXA diagnosis software dedicated to sports car and large engine luxury car makes such as Ferrari, Lamborghini, Maserati, Morgan, Pagani, Porsche, giving access to hundreds of different diagnostic combinations.

**KEY/REMOTE CONTROL CODING**
Through this App you can quickly access the vehicle’s self-diagnostic functions in order to code the keys, the remote controls, the immobiliser control units in case of malfunctions or if they must be replaced.
DPF REGENERATION
This APP allows you to perform the particulate filter forced regeneration, in accordance with anti-pollution regulations. It is a very important operation in vehicles, especially in all those cases in which the spontaneous regeneration is not possible, i.e. in particular driving conditions or if the vehicle is mainly driven on urban roads.

ELECTRICAL VEHICLES
The APP ELECTRIC VEHICLES gives quick access to all the particular functions or activations that allow the analysis of problems and actions on the electric motor and on the vehicle’s charging system.

TRANSPORTATION MODE PROGRAMMING
When the newly produced vehicles are delivered to the dealers, they have many functions that are deactivated, such as the radio, the central locking and other services. Through this APP you can quickly activate all the vehicle’s functions by changing the status “Factory mode” to “Customer Mode”.

DRIVING ASSIST SYSTEMS
Thanks to this APP, you can directly access the adaptation and programming functions linked to these control units, such as: calibrations and programming of the front/rear video cameras, necessary, for example, when replacing the windscreen or repairing the vehicle after a crash calibration of the front and rear parking sensors, in order to keep the system perfectly efficient, programming of the control units that control the lane keeping line.

TECHNICAL TRAINING
The dedicated TEXAEDU department offers a range of courses at various levels; from tool use introduction courses to more specific courses for professionals who require more specific system training. EDU APP is the application dedicated to technical training that always keeps you up to date on the latest news and available course dates and places.

SELF-DIAGNOSIS COMPONENT SHEETS
The “Self-Diagnosis Component Sheets” is the APP designed by TEXA that provides the technician specific technical information regarding the most complex components within vehicle systems, giving an essential support for the diagnosis of the component itself.

AIRBAG VAG CODING
AIRBAG VAG CODING is TEXA’s innovative APP that allows you to calculate, quickly and precisely, the codes you need to code a new Airbag control unit of the VAG group. You just have to enter the control unit’s code indicated is on its package in order to receive the 5 digit coding code you need for the installation.

And more besides!
APP Autronica

By purchasing Autronica apps, you can access, directly from your diagnostic tool, a series of technical documents in pdf format, complete with colour illustrations, to help with advanced procedures involving:

**VEHICLE IDENTIFICATION**
Extremely useful for recognising the exact type of vehicle you are working on by instantly identifying the manufacturer’s data plate and the essential information it provides on engine code, equipment level, model year, model code, VIN, etc.

**ENGINE**
This App lets you access essential information for vehicle repairs, including diesel and petrol engine characteristics, tightening torques, repair procedures, electrical specifications, engine control unit data, fuel pump locations, etc.

**CLUTCH**
This App provides detailed information for removing and fitting the clutch master cylinder, clutch actuator, clutch disk and thrust bearing.

**GEARBOX**
This App provides in-depth information on the characteristics of manual and automatic gearboxes and tells you how to remove and refit them and how to drain and add oil, work on control boxes and perform repairs.

**TRANSMISSION**
This App provides detailed information on drive shafts, including removal and refitting procedures.

**SUSPENSION – AXLES – ALIGNMENT**
This app provides a manual containing information about the front wheel system (system removal-refitting, removing-refitting shock absorbers, removing-refitting king pins, removing-refitting subframes) and rear wheel systems (removing-refitting shock absorbers and hubs, removing-refitting rear axles).
STEERING
This is another very useful app, dedicated to the steering system. It contains procedures for removing-refitting the steering wheel, the switchgear and wiring harness, and the steering column universal joint.

BRAKES
Downloading this app will help you understand how the braking control system functions, how to remove and refit the master cylinder, front brake calipers, rear brake calipers and hand brake shoes.

HEATING & AIR CONDITIONING
This App provides information on the heating unit, removing-refitting the passenger compartment fan unit, the air conditioning circuit, replacing the filter-drier, removing-refitting the compressor and removing-refitting the condenser.

AIRBAGS AND SEAT-BELT PRE-TENSIONERS
For an in-depth understanding of these two systems. You can find general information, safety instructions, autodiagnostic procedures, system activation checks, information on airbag control units, passenger airbag de-activation commands and side impact sensors.

ELECTRICAL SYSTEM
For a thorough understanding of charging circuit functioning logic, starting circuits and lighting systems.

WIRING DIAGRAMS
Simplified diagrams of electrical and electronic circuits, extremely useful for advanced troubleshooting.

BODYWORK
This App provides repair methods for interior linings, light and heavy bodywork. It also provides detailed information on removing-refitting front wheel arches, front and rear bumpers, light clusters, dashboards, wiper systems, etc.

And more besides!
**BULLETINS AND REPAIR PROCEDURES**
This extremely useful App helps you identify commonly occurring faults and provides detailed information on how to eliminate their causes as well as instructions on the replacement of components in the systems concerned.

**REMOTE CONTROL AND KEY PROGRAMMING**
This App describes key programming procedures for vehicle immobilizer systems (anti-theft and start prevention systems), procedures for programming and synchronising keys with central remote locking and alarm systems and procedures for changing batteries, all accompanied by clear illustrations, detailed instructions and useful tips.

**CLUTCH REPAIR**
This App provides extremely detailed clutch replacement procedures that are easy to follow thanks to clear illustrations. It also deals with special tools, lubricants and fluids, gearbox removal-refitting procedures and supplementary operations.

...and more in the development stage.

N.B. Check the availability of the abovementioned functions in your reference market.
A whole world of functions and services

IDC5 software provides a whole world of exclusive functions and services developed by TEXA’s R&D department. These include:

SMART SOLVED PROBLEMS
powered by Google® (by subscription)

SOLVED PROBLEMS is the amazing function that lets you complete vehicle repairs more quickly by following a specific procedure suggested by IDC5 software. Using Google’s exclusive search technology, you can quickly and easily access and consult a vast database of solutions, developed and verified by TEXA. These deal with faults encountered by mechanics all over the world and shared with the TEXA Call Centre. The information provided identifies the correct solution and even lets you order any necessary spare parts by connecting to the spares portal.

From today, this function is even more useful as you can follow a genuine guided diagnostic procedure. The SOLVED PROBLEMS portal now provides three dedicated buttons that give you direct access to Technical Documentation including Electrical Wiring Diagrams and Technical Bulletins, Device Links for analysing a wiring diagram component affected by an error and Component Testing. This added functionality provides important new resources for identifying the solution to a malfunction more quickly than ever before.

Another great new function developed by TEXA permits voice interaction with the AXONE Nemo to select the vehicle and system you are working on. The AXONE Nemo’s voice recognition software lets you identify vehicle model and find fault solutions simply by speaking.
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.

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.

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.
Technical Specifications
An extraordinary database containing details of all vehicles. Users can find detailed and comprehensive information on Mechanical Specifications, Wheel Alignment, Tyre Pressures, Timing Belt, Routine Maintenance, Component Locations, Component Testing and much more.

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.

Interactive wiring diagrams
Interactive Wiring Diagrams* let you perform more detailed fault finding by interacting with the various components shown in them. You can select specific components to identify their cables and their electrical and logical connections to other components on the wiring diagram. Another function lets you see the direction of signals, showing whether they are inputs to or outputs from the control unit. You can also see the correlation between ECU pins and device pins and use interactive links between pages to view associated data sheets and connections.

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.

PASS-THRU
Unlike other diagnostic operating systems, the Windows operating system of the AXONE Nemo lets you perform PASS-THRU operations (using the vehicle's own interface) by installing software provided by the vehicle manufacturer directly on the tool**.

* Present only in part of the wiring diagrams. Increasing with the various updates.
** At the website www.texa.com/passthrough, verify the recommended minimum hardware requirements and the enabled vehicle manufacturer diagnostic functions.
Services...

CALL CENTRE and REMOTE ASSISTANCE

You can access TEXA’s telephone assistance service and speak to a qualified, expert operator who can guide you in your search for a fault solution. By using VOIP technology, you can even contact our Call Centre directly from your AXONE Nemo. And if you request REMOTE ASSISTANCE*, a TEXA expert can take direct control of the tool to assist you. TEXA’s first Call Centre was inaugurated in the late 1990s, and only served Italy. Today TEXA boasts an extremely advanced telephone assistance centre equipped with the latest call management software and more than 50 operators located in different subsidiaries, for an unequalled multilingual service wherever you are in the world.

iSUPPORT

This function lets you obtain rapid, highly qualified technical support, report software problems and suggest the addition of new selections or functions for particular vehicles, all directly from your diagnostic tool. iSupport guarantees direct communication with TEXA’s technical staff at all times, to help you solve any problems that crop up in your daily work.

* Service not available in all countries. Check service availability with your dealer.
...and subscriptions.

TEXPACK

TEXPACK is an annual update contract for all five diagnostic sectors (CAR, TRUCK, BIKE, OFF-HIGHWAY and MARINE), that ensures you can always use your diagnostic tool to its full potential.

The TEXPACK contract lets you keep your TEXA diagnostic tool completely up to date with the latest technical developments and coverage of makes and models.

The regular software updates guaranteed by the contract allow you to receive new diagnostic content, interactive wiring diagrams, system datasheets, detailed component datasheets, technical bulletins and mechanical data, along with any new software functions and the latest additions to vehicle coverage. As a result, your TEXA tool grows with you to provide ever more complete service.

TEX@INFO

The TEX@INFO contract lets you choose what assistance services you want to activate. You can consult technical bulletins describing frequently encountered problems and ways to solve them. You can also interrogate the vast TEXA database through the “SOLVED PROBLEMS” service powered by Google, to find repair procedures already tried and tested by other mechanics around the world. If you activate the technical bulletin service, you can also subscribe to the TEXA Call Centre support service. This allows you to speak to a TEXA expert whenever you need to find rapid solutions to problems in your vehicle repair work. Subscription to the Call Centre also provides automatic access to the iSupport function to obtain technical support, report software problems or request the development of a diagnostic procedure that is not yet available.

Unrivalled coverage
Over 750.000 diagnostic options

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

Processor: Intel® Quad Core N3160

Protective rubber case

RAM 8 GB

HD 250 GB

Ultra-wide 12 inch screen

Resolution 2160x1440
Magnetic contacting area 2

10-30 VDC power supply connector

Sensor area: gyroscope, altimeter, barometer, accelerometer, compass

Connectors for expansion modules Port 1

15 megapixel camera
Flash/Flashlight

GPS Antenna

Magnetic contacting area 1

Connectors for expansion modules Port 2

Passive dissipation

Dual band antenna, Wi-Fi/BT

10-30 VDC power supply connector

Sensor area: gyroscope, altimeter, barometer, accelerometer, compass

Connectors for expansion modules Port 2

Dual band antenna, Wi-Fi/BT

USB 3.0 Module

Ethernet Broad R and DoIP/LAN Module

Thermographic Module
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](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)