



# Navigator nano S



# DESIGN AT THE SERVICE OF DIAGNOSTICS

Navigator nano S is a latest generation vehicle interface from TEXA that lets you run all kinds of 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 garage and to allow mechanics to complete all diagnostic tests quickly and easily.

This compact, lightweight and ergonomic interface is designed to function simply and automatically with TEXA's latest generation display units like the AXONE 4, AXONE 4 Mini and MULTI PEGASO.



Using a special adapter and brand-specific cables, the Navigator nano S can diagnose vehicles with an OBD socket and even pre-OBD and POWERSPORTS vehicles.

Note: Always check what adapter cables are needed to connect the tool to specific vehicles and verify diagnostic compatibility with motorcycles.

# ROBUSTNESS AND ATTENTION TO DETAIL

Robustness combined with attention to detail and the latest technical solutions. This was the brief given to the TEXA development team assigned to creating the Navigator nano S. All phases of design and development concentrated on achieving this ambitious objective and on producing an extraordinary diagnostic interface packed with innovative technology.

New design features make the Navigator nano S more reliable than ever in connecting to and disconnecting from vehicles.



A powerful inspection light lets you illuminate the diagnostic socket and make it clearly visible wherever it is located on the vehicle.

Function LEDs are located on the front of the unit, facing the mechanic, for easy identification and reading.



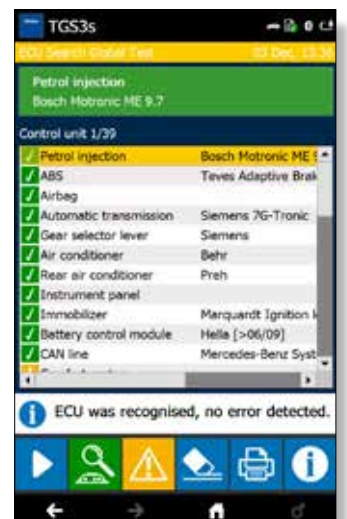
At the end of the diagnostic tests, Navigator nano S emits a distinctive beep to remind you, and to prevent it being forgotten inside the vehicle.

# UNCOMPROMISING DESIGN



The Navigator nano S is a perfect match for all the TEXA display solutions that use the extraordinary IDC4 operating system, and can run even the most advanced functions, including:

- **TGS3s**, for the automatic scanning of all diagnosable ECUs on a vehicle\*;
- **VIN SCAN**, for the automatic identification of the vehicle from its VIN;
- **“SOLVED PROBLEMS”** powered by Google
- ... and all other IDC4 functions.



\*TGS3s may not be able to perform automatic scanning on older vehicles.

# TECHNICAL SPECIFICATIONS

<b>Processor:</b> CORTEX M3 STM32F103 72MHz	<b>Acoustic signalling:</b> Buzzer
<b>External SRAM:</b> : 8 MBit organised in 512 K x 16 bit	<b>Permitted current:</b> Typical at 12 Vdc: 120 mA, Maximum at 12 Vdc: 200 mA
<b>External NAND flash memory:</b> 2 Gbit on 8 bit bus	<b>Operating temperature:</b> 0 ÷ 50 °C
<b>Internal battery:</b> Lithium polymer, single cell, 3.7 V 250 mA/h	<b>Storage temperature:</b> -20 ÷ 60 °C
<b>Vehicle electrics:</b> 12 VDC vehicle systems	<b>Operating relative humidity:</b> 10% to 80%, non-condensing
<b>External power supply:</b> 8 ÷ 16 V	<b>Dimensions:</b> 51x23x100 mm
<b>Wireless connection:</b> Bluetooth Classe 1	<b>Weight:</b> 72 g
<b>Wired connection:</b> Virtual RS232 via USB 2.0 device	<b>Standards:</b>
<b>Electronic switching:</b> 2 way, 13 independent positions	• Directive: 1999/5/EC
<b>Diagnostics connector:</b> OBD	• Safety: EN 60950-1
<b>Protocols supported:</b> Blink codes, K, L (with 60mA current protection) ISO 9141-2, ISO 14230, CAN ISO 11898-2, CAN ISO 11898-3, SAE J1850 PWM and VPW	• Electromagnetic Compatibility: EN 301 489-1, EN 301 489-17
<b>Power supply connector:</b> OBD	• Radio systems: EN 300 328-2
<b>Visual signalling:</b> Two colour, green/yellow LEDs	

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

To check on IDC4 compatibility and minimum system requirements, go to: [www.texa.com/system](http://www.texa.com/system)

ALL TEXA PRODUCTS  
ARE GUARANTEED  
FOR 24 MONTHS



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