TECHNICAL DATA

Microcontroller: STM32F103G CORTEX 72MHz, FLASH 1024 KBytes, SRAM 96 KBytes

Memory: SRAM 8MBit, NAND FLASH 132Mbit with file system HCC SafeFat

Operating system: EmbOS

External power source: 8 ÷ 16 Volt

12V consumption: 0.2A typical, 0,6A max in PASS-THRU MODE

Wired collection: virtual RS232 by means of mini-USB 2.0 connection

Wireless connection: Bluetooth (up to 30m)

Electronic switch: 2-way, 13 independent positions

Diagnostic connector: OBD ISO 15031-3

Operating temperature: +0°C / +50°C

Storage temperature: -20°C / +60°C

Operating humidity: 10% ÷ 80% without condensation

Mini-torch: LED lighting with internal 3.7 V 120 mAh battery

Dimensions: 90x48x24 mm

Weight: 60 g

Self-diagnosis protocols

Blink codes

K, L (with current protection 60mA) ISO9141-2,

CAN ISO11898, ISO11519-2,

SAE J1850 PWM,

SAE J1850 VPW,

RS232,

EOBD (all protocols) ISO15031-5, ISO15765-4

J2534-1 PASS-THRU: voltage that can be programmed from 5 to 20 VDC, switchable onto OBD pins 6, 9, 11, 12, 13, 14, and on the front jack,

capacity to earth pin 15 OBD max. 300 mA, support for parallel protocols

Reference standards

ETSI EN 301 489,

ETSI EN 300,328,

IEC EN 60950-1,

EUROPEAN DIRECTIVE 1999/5/EC

NEW

Navigator nano

To check out the extensive coverage of TEXA products visit
www.texa.com/applicationlist

To view demos showing TEXA instruments in operation visit
www.texa.com/demo

For information on IDC4 compatibility and minimum system requirements go to
www.texa.com/system

TEXA S.p.A.
Via I Maggio, 9
31050 Monastier di Treviso
Treviso - ITALY
Tel. +39 0422 791311
Fax +39 0422 791300
www.texa.com - info@texa.it

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV
= ISO 9001 =

facebook
www.facebook.com/texacom

You Tube
www.youtube.com/texacom

MADE IN EUROPE

Navigator nano is the most evolved self-diagnosis device for cars, light commercial vehicles, motorbikes, jet skis, quads and scooters fitted with OBD sockets. The advanced miniaturisation techniques used have allowed us to reduce the space required and instrument weight by more than 85%, leaving diagnosis depth and potential unchanged. Navigator nano in fact belongs to a new generation of devices characterised by 3 key elements:

• **reduced dimensions:** increased practicality of use and less space taken up within the vehicle; with its ergonomic form, Navigator nano plugs directly into the diagnosis socket;
• **wireless:** thanks to the self-powering and wireless Bluetooth communication, the mechanic can work up to 30 metres away from the Navigator nano;
• **all-round self-diagnosis:** with the thorough, completeness guaranteed by the TEXA IDC4 operating software and the compatibility with the protocol J2534 PASS-THRU.

AXONE 4

AXONE Direct
AXONE Pad
AXONE Palmtop

MULTI PEGASO

Navigator nano has been developed according to the TEXA philosophy of two-unit diagnosis, in order to exalt the practicality and versatility of wireless, portable solutions. It is not compatible with normal PCs, but only with TEXA display units: AXONE 4, AXONE Direct, AXONE Pad, AXONE Palmtop and MULTI PEGASO.
This characteristic allows the mechanic to gain maximum benefit from his tools, guaranteeing a real improvement to the organisation of work in terms of practicality and speed.

## THE OPERATING SOFTWARE IDC4

Navigator nano operates thanks to IDC4, the TEXA platform that combines diagnosis potential with an enormous databank. The mechanic in fact has a whole range of additional information at his disposal, such as wiring diagrams, technical data sheets, component sheets and bulletins, specifying the correct procedures by which to repair the most common, important failures. All this along with images and film clips, which can be viewed directly on the diagnosis tool.

"SOLVED PROBLEMS" FUNCTION POWERED BY GOOGLE

With an internet connection available, IDC4 is able to search the TEXA databases for repair procedures that have already been tried and tested.
Once the vehicle has been selected, the mechanic can send a request directly by clicking on a specific icon. In just a few seconds, he will obtain an efficient response on how to intervene.
The TEXA servers feature countless solutions to all sorts of problems encountered by call centres the world over. They are further enhanced with new solutions every week.
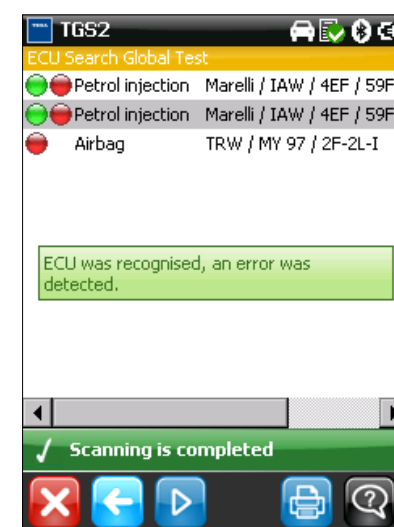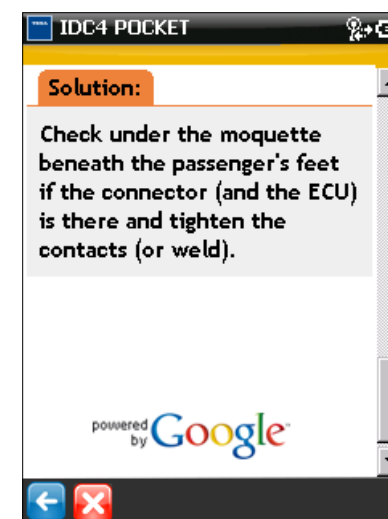
TGS2 FUNCTION

The **TGS2 (TEXA Global Scan 2)** function is another innovation included as standard in IDC4 software. TGS2 lets you perform automatic scans of all the recognized electronic control units on the vehicle.
You can choose to scan all systems or select just one or more. It then performs a fully automatic scan to ensure correct recognition of the ECU and to detect any errors.
If any errors are found in the control unit, you can switch directly to autodiagnostics mode simply by clicking the relevant icon, without having to restart the application.

STRAIGHT TO THE POINT!

An innovative application allows to perform immediately the more frequent interventions and those regarding the scheduled maintenance. By selecting the individual operations from a specific list, the software automatically connects the functions to the electronic system of reference, thereby relieving the mechanic of having to search out what system they refer to.

Navigator nano is equipped with a powerful LED that allows for the illumination of the vehicle diagnosis socket, in order to make it easily visible in any conditions.