

ISTK2000 Light+

Computer based Test System



Description

The ISTK2000 Light is an intelligent system tester which is supported by a computer.

Based on a usual industrial computer with an up-to-date operating system, this device is able to check out several ECU's within the vehicle at the same time.

Due to the large increase of interlinked systems in vehicles (CAN-Bus) a parallel, i.e. simultaneous ECU testing is required on the production lines. This is the only way to compare the numerous parameters of different control units under real time conditions, which is important because errors in interlinked systems can also occur with unusual combinations of single parameters, even though the single parameters themselves may not show any mistakes.

Concerning interlinked ECU's without CAN-Bus access, simultaneous data acquisition is very important as it is the only way to analyze the system status continuously.



ISTK2000-Light+
execution as standing unit

Technical Features

- Operating system: all current operating systems (XP-certified)
- Processor: up to Pentium 4; up to 1GB RAM
- 15" TFT color display with VGA-resolution 1024 x 768 XGA
- 3,5" or 2,5" AT-bus hard disk
- 300 W N power supply
- Passive Backplane with 2 PCI12S, 6 x ISA and 4 x PCI slots
- Execution optionally as standing or hanging device
- ECU connection via diagnostics interface (Harting, AIR-LB, etc.)
- 2 external 230V-connections via IEC power sockets
- Protection against unauthorized access
- Integrated label printer
- Integrated charging slots for 2 units SmartControl

Mechanical Data

- Dimensions: 590 x 430 x 300 mm
- Weight: ca: 27,5 kg

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