

DashTest C

Compact End-Of-Line Instrument Cluster Test

The DashTest C is a new and most competitive solution for the today's cluster test and gauges calibration applications.

By means of powerful data processing technology and sophisticated imaging tools the system offers incredibly high performances at a very competitive price.

The system implements analog and digital measurement resources, data communication buses and powerful imaging system. Interactive test libraries allow for very efficient application development. Test executive engine is based upon NI TestStand®.

■ APPLICATIONS

- Automotive Instrument Clusters Inspection
- Dashboard Inspection
- Control Panel and Front Panel Inspection

■ FUNCTIONS

- Display and Telltales Inspection
- Automatic Gauges and Analog Inputs Calibrations
- Cluster Digital and analog I/O Functional Test
- Loudspeaker and Beeper Audio Test
- Multiprotocol Automotive Data Communication interface
- Matrix based design allows analog and digital stimuli and measurement at connector level
- Pneumatic DUT locking and contacting

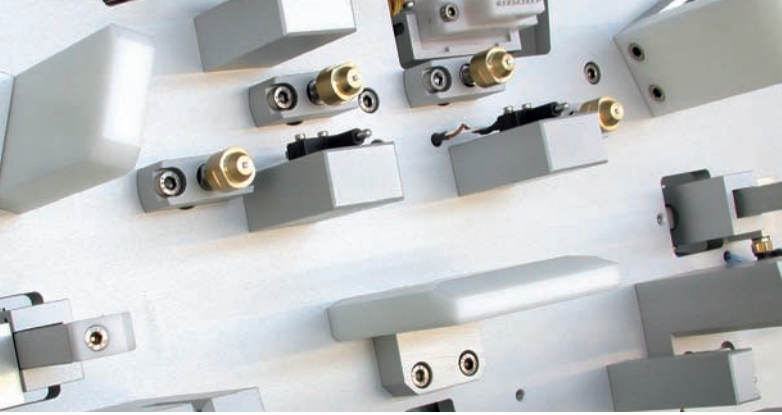


Features & Benefits

- Very low-cost of ownership
- Ergonomic Design and Optimized Footprint
- No Application Dependent Camera Set-up
- Safe Investment against Product reduced lifetime
- Ready-to-Go Imaging Tools
- Powerful Tools for Product Diversity Management
- Built-in Self Test & Diagnostic Toolkit
- World Compliant Mains Voltage
- CE, UL/CSA and CCC compliant

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SPECIFICATIONS:

- Semi-automatic DUT handling with pneumatic locking
- 42 x 4 DUT Switching Matrix (fused, 0.5 A)
- DUT Power Supply up to 18V 3 A (opt. 30V 3 A) with hi-resolution output current and voltage monitor
- Three Hi-Res 3Mpixel Color Camera (Option 5Mpixel)
- Software controlled Programmable Product Illumination
- N.2 Independent Arbitrary Waveform Generators (V/I output)
- N.2 Independent Static DAC Outputs
- Up to 4 Independent Digital Inputs with programmable threshold
- 2 Independent Programmable Resistors
- USB and RS232 DUT interfaces
- Bus Data Communication (Dual software configurable CAN HS/LS/SW, K-Line, LIN,opt. J1850,MOST and more)
- Fully compliant to Safety Requirements according to CE/UL/CSA
- Bar code reader, ticket printers and touch screen options
- Programming via powerful Graphic Test Templates (electrical and vision)

World Wide Service and Support

Alfautomazione main customers are multinational corporations and our assembly/test systems are installed around the world. We offer pre- and post-sales support and service from our headquarters in Italy and from our strategically located Sales and Service field offices.

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