



CABLETESTER
CT15i

AREAS OF APPLICATION

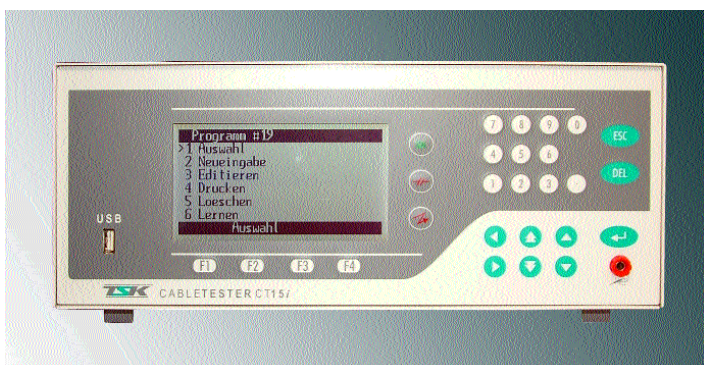
The cable tester **CT15i** is deployed in the quality control for the production test and final inspection of wire harnesses and electrical or electronic components. The scope ranges from simple computer cables up to wire harnesses of medium complexity for the automotive industry.

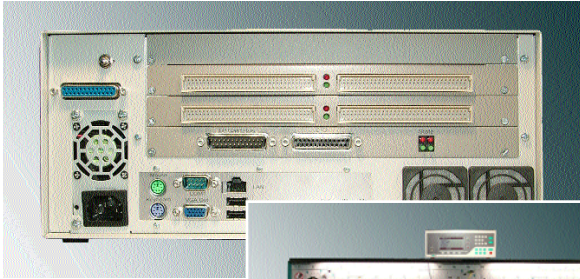
CT15i - The successor of our winning model CT15 (that has been implemented more than a thousand times) has adopted its forerunner's decisive performance features and has been launched with many additional functions.

Even more has been added, amongst other things significantly more processing power that has made an expansion of functionality possible. Compared to its forerunner, the display has tripled dimensions as well as options for VGA and Ethernet. Not only have the proven functions remained the same, the price has too!

The Cable Tester **CT15i** presents itself in a particularly compact as well as a modern robust metal casing design. Communication takes place via large buttons and the 4.8" display on the device or via an external keyboard; upon request, a display on a VGA-monitor is also available. Through various interfaces and a variable sequence control, the device can be used as a stand-alone cable tester as well as a master or slave device. As a master, the Cable Tester **CT15i** can integrate and control other sub-systems; as a slave, perfect integration into your existing or planned environment or machine is possible. All advantages of crosslinking, such as the central management of the testing programs, amongst other things, become reality with the Ethernet option.

Through precise, analog measurement technology, not only are qualitative high-class results achieved during testing of the pure wire harnesses, but are also covered by other electrical or electronic components in the testing segment.

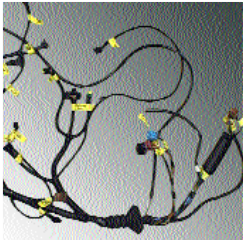




Tester back with various standard interfaces

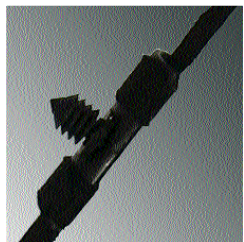


Wire harness test system TS1600ET with CT15i

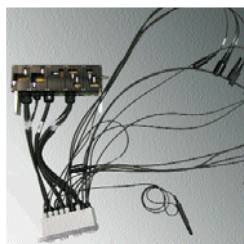


FOR TESTING

electrical connections,
electrical components,



presence of mechanical components ,



function test with the test-option TAS,



fibre optic test, ...

FEATURES

- Continuity Test and Short-Circuit Test
- Testing of resistors, diodes and capacitors
- Testing of optical fibers
- Plug-in slots for 3 internal test point cards, up to 384 internal test points
- Test & measurement with TP-cards and DIO-Bus
- Standard mini-PC as a basis for excellent power reserves (test speed)
- Large memory (512 Mbytes)
- Complete equipment with standard interfaces in the back panel:
 - keyboard, mouse
 - USB, serial port, parallel port
 - Ethernet, VGA (optional)
- Front plate with LC-display and numerical keyboard, pin probe and USB
- Casing with integrated power supply and fan
- Test-option TAS, for the programming of own test and function procedures
- Programming according to „golden samples“ (autoprog)
- LED-activation in test modules for identification of locations and failures
- PIN probe function
- Data transfer to the PC via Ethernet (optional) or USB
- Programming with the testing software CS WIN (CS WIN license required)
- Recording of statistical data
- Arbitrarily programmable inputs and outputs (8/8)

TECHNICAL DATA CT15i

Test Current: 1 μ A bis 20 mA

Test Voltage: 0-15 V

accuracy of measurement better than 0,05V

Continuity circuit test about threshold value:

20 Ohm to 10 KOhm,

accuracy of measurement 5%

Short circuit test about threshold detection:

10 KOhm bis 1 MOhm

Resistor measurement:

5 Ohm to 1 MOhm,

accurately 2% or rather \pm 2 Ohm

Capacity measurement:

10 nF to 10 μ F,

accurately 10% or rather \pm 10nF

Diode test:

Zener (to 11 V), Si, Ge

Digital output DO:

max. 300 mA

PC / Memory:

CPU: 1,5 GHz, 512 Mbyte RAM, 128 Mbyte Flash

Power Supply:

115...230 V~ [power pack]

Dimensions:

325 x 130 x 220 mm [B x H x T]

Weight:

ca. 4,0 Kg [without test point boards]