TSK

A KOMAX GROUP COMPANY

FROM SIMPLE COMPUTER CABLE TO COMPLEX WIRE HARNESSES

CABLETESTER
CT30*ix*

N E W

www.CT30.info

up to 2048*
TEST POINTS

FOR AN ABSOLUTELY RELIABLE TEST OF:

- Electrical connections and components
- Contact positions
- Presence test of mechanical components
- Fiber optics (optional)
- Logging of measuring results (optional)
- Free programmable function processes TAS (optional)

The new Cable Tester CT30ix - more user friendly with the large color display. Furthermore, with the proven, universal measurement board, defined by the integrated intelligence and increased measurement accuracy.

THE FOLLOWING KEY FEATURES WHICH DISTINGUISH THE NEW CT30*ix*

- Large 5.7" color display for more information at a glance.
- Simple operation with clear menus.
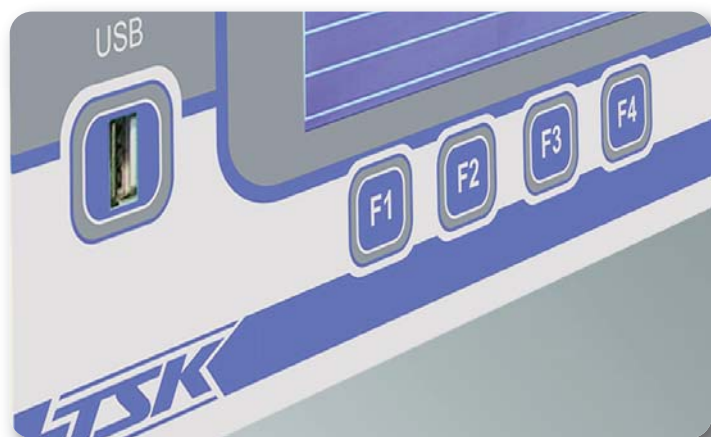- Data transfer via USB and Ethernet.

NEW SOFTWARE FEATURES

Testing of splices, blank test, contact position test, display of wire colors and integrated diagnostic tool for test point cards.

COMPATIBILITY

The tester is fully compatible with the cable tester CT15/CT20, CT15i, CT30 and CT30i. The program format is completely identical and the menus is structured alike. This guarantees that you can use once created test programs on all new cable testers.

* For more than 512 test points an additional TP-housing is required.

TSK Prüfsysteme GmbH, Strengelrott 4, D-32457 Porta Westfalica, Germany
Phone +49 571 79 58 0, www.t-s-k.de

THE WAY TO MAKE IT

AREAS OF APPLICATION

Application finds the tester CT30ix from the assembly assistance in the production and quality control for the production- and final test of wire harnesses.
The range reaches from simple computer cables to complex wires harnesses. The cable tester offers a multiplicity of test options.

Cable Tester CT30ix, internal test point board

Cable Tester CT30ix with Test System TS1600

FEATURES

- Data transfer from/to the PC via USB
- Access to central data server via Ethernet
- Multilingual screen menus
- Continuity Test and Short-Circuit Test
- Testing of resistors, diodes and capacitors
- Testing of optical fibers (optional)
- Plug-in slots for 4 internal test point cards, up to 512 internal test points
- Expandable up to 2048 test points with additional housing
- Test & measurement with TP-cards and DIO-Bus
- Standard mini-PC as a basis for excellent power reserves (test speed)
- Complete equipment with standard interfaces in the back panel:
  (keyboard, mouse, USB, serial port, parallel port, Ethernet, VGA)
- Front with an extensive color 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 processes
- Programming according to „golden samples"
- Programming with the testing software CS WIN nx (CS WIN nx Edit required)
- LED-activation in test modules for identification of locations and failures
- PIN probe function
- Recording of measuring results
- Arbitrarily programmable inputs and outputs (8/8)
- Support of bar code reader

TECHNICAL DATA CT30ix

Test Pionts:	up to 512 internal, up to 2048 total
Test Current:	$1\,\mu A$ to 20 mA
Test Voltage:	0-15 V, accuracy of measurement better than 0,05 V
Transit circuit test about threshold value:	20 Ohm to 10 KOhm accuracy of measurement 5%
Short circuit test about threshold detection:	10 KOhm to 1 MOhm
Contact Position Test:	5 mm of travel, accuracy $\pm$ 0,1 mm
Resistor measurement:	5 Ohm to 1 MOhm, accurately 2% or rather $\pm$ 2 Ohm
Capacity measurement:	10 nF to $10\,\mu F$, accurately 10% or rather $\pm$ 10 nF
Diode test :	Zener (up to 11 V), Si, Ge
Digital output DO:	8 x max. 300 mA
Digital input:	8 x 24 V
PC / Memory:	CPU: 4 x 1,8 GHz, 2 GB RAM, 1 GB Flash
Interfasces:	5 USB, 1 Ethernet, 1 VGA, 1 RS232, 1 LPT
Power Supply:	110 ... 240 V power pack
Dimensions:	380 x 155 x 220 mm [W x H x D]
Weight:	ca. 4,5 Kg [without test point cards]

THE WAY TO MAKE IT