

CABLETESTER CT35

www.CT35.info


up to 8192 TEST POINTS

in combination with the easy to use Test Software CS WIN nx for reliable testing of:

electrical connections

electrical components

fiber optics

presence test of mechanical components

up to protocol for statistics and quality assurance

The new cable tester CT35 is the successor of the past CT25. It is based, also like the new cable tester CT30, on a new universal measuring board, which continues to improve the application of the new tester generation by integrated intelligence and increased measuring accuracy.



THE KEY FEATURES OF THE NEW CT35

- Intelligent measuring technique with TP-boards and DIO bus.
- Connection to the PC via Ethernet.
- Multi-tester support:
You can connect several testers parallel at one test system.
- Mechanical structure identically to NetMod Backbone for a standard installation concept.
- With the measuring technique the electrical circuit was taken over, however the following improvements were accomplished:
 - Improved measurement accuracy.
 - Extended range of the power source to 200mA (integrated relay test).
 - Direct LWL measurement (special circuit in master is not necessary).

The connections to the test system are the same as before, however the special cable for the wiring of the test point boards (one side with High Density connector) was replaced by a standard ribbon cable (2 * DB-25 (w)).





Cable Tester CT35 Interfaces

AREAS OF APPLICATION

SetUp, test and communication take place via test software CS WIN.

Application finds the tester CT35 in quality control for the production- and final test of wire harnesses. The range reaches from simple computer cables to complex wires harnesses for the automobile industry. The cable tester offers a multiplicity of test options:

FEATURES

- Continuity and short circuit testing.
- Testing of resistors, diodes, capacitors and fibre optics.
- Program creation according to Good pattern [autoprogram].
- LED drive in test modules for position and error detection.
- Pin number function.
- Data transfer to the PC via Ethernet.
- Evaluation of statistics for production monitoring.
- 8 freely programmable inputs and outputs.



Cable Tester CT35 with Test System TS1500



Cable Tester CT35 with Test System TS1600



Cable Tester CT35 with Test System TS1700



COMPATIBILITY

The tester is conceived for the employment in TSK test systems TS1500, TS1600 and TS1700CT.

TECHNICAL DATA CT35

Test Current:	1 μ 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
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 10 nF
Diode test :	Zener (up to 11 V), Si, Ge
Digital output DO:	max. 300 mA
PC / Memory:	CPU: 2,0 GHz, 256 Mbyte RAM, [a second network board is necessary]
Power Supply:	12 - 24 V power pack