



komax

CT30ix

CABLE TESTER

The CT30ix is an accurately measuring, intelligent cable tester with a proven measuring system and a user-friendly color display.

The CT30ix cable tester is suitable for a wide range of applications thanks to its measuring system. The application fields range from the use as an assembly aid in production right up to the quality control of wire harnesses. Its large color display offers a high-contrast representation and more information at a glance.

Features

- Management of max. 204 test points
- Multilingual and simple operation
- Program creation according to good sample concept or via CS WIN nx® testing software
- Access to central data server
- Support of barcode scanner

Equipment

- Measurement technology
- Integrated computer with standardized interfaces
- Control of digital inputs/outputs and test adapter LED for position and error detection
- Test point search function (PIN Probe)
- Communication via Ethernet and USB
- TAS Programming of test/function sequences

Technical data

Dimensions (D / W / H/weight):	220 / 385 / 175 mm / 4,5 kg
Input voltage / Nominal power:	100 - 240 V AC
Number of test points:	max. 2048 (up to 512 TP internal, Extension up to 1536 TP)
Test voltage:	0 to 15 V
Test current:	1 µA to 20 mA
Continuity test via threshold identification:	20 Ω to 10 kΩ, 5%
Short-circuit test via threshold identification:	10 kΩ to 1 MΩ, 2%
Resistance measurement:	5 Ω to 1 MΩ, 2% or 2 Ω
Diode test:	Zener (up to 11 V), Si, Ge
Position measurement:	5 mm travel length, ± 0,1 mm
Digital outputs (DO):	8 channels, freely programmable, with max. 300 mA per output (500 mA total)
Digital inputs (DI):	8 channels, 24 V
Voltage IO bus:	12 V or 24 V
min. test software:	CT test software / option TAS
min. hardware:	1x HDMI, 3x RS232, 2x PS2 (mouse/ keyboard), 2x Ethernet (measurement technology, freely usable), 5x USB, Audio

Measurements

- Short-circuit, Connection, Component, Leak test, fiber optic attenuation, color, B+ detection, and more