



KT 230

The most compact high voltage tester

- Easy handling in stand-alone operation
- Automatic learning of golden samples
- Loading and saving of test programs
- Comprehensive result reporting
- Operation language selectable

- Up to **512** test points
- Low voltage tests up to **12 VDC / 400 mA**
- High voltage tests up to **1000 VDC**
- Continuity test, short circuit test and component test

- Microsoft® network interface
- USB 2.0 interfaces
- 2 GB storage for test programs and result data (expandable)
- Remote maintenance via network

The KT 230 is characterized by an outstanding price performance ratio and is especially optimized for the operation in automated production lines:

- Up to 27 digital I/Os
- 2 x USB and network for easy data handling
- All standard field bus systems available*
- Space saving design

* optional

KT 230

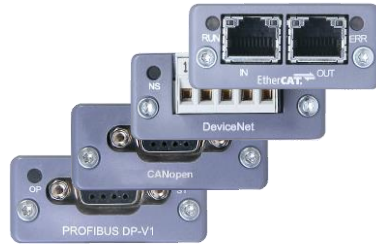
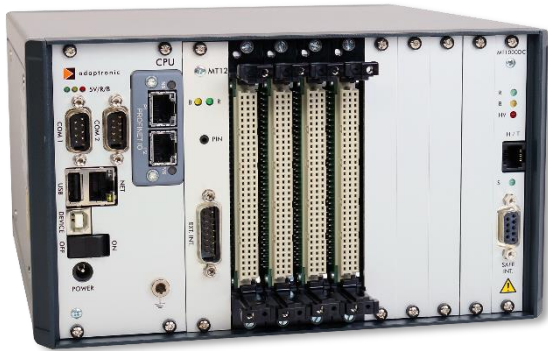


Image: KT 230 with options

Technical features KT 230	
Expansion stages	64, 128, 192 or 256 test points, expandable to max. 512 test points
Low voltage test DC	
Test voltage	max. 12 V
Test current	max. 400 mA
Threshold continuity test	0.5 Ohm – 1 kOhm (optional four-wire measurement from 10 mOhm)
Threshold short-circuit test	20 kOhm – 1 MOhm
Component test	Resistors: 0.5 Ohm – 1 MOhm Capacitors: 10 nF – 10 mF Diodes, Zener diodes, LEDs, varistors (100V – 800 V, I = 1 mA), surge arrestors
High voltage test DC	
Test voltage	100 – 1000 V
Insulation test	100 kOhm – 1 GOhm
Breakdown test	Fast recognition of voltage breakdowns
General	
Power supply	External AC adapter, primary 90 – 240 VAC, secondary 24 VDC / can also be operated directly at 24 VDC
Interfaces	3 x digital I/Os (Extern Interface, expandable) for control, foot switch and signal lamp 2 x serial interface RS232 for control and printer 2 x USB 2.0 (1 x at the front-side) for data media, barcode scanner, keyboard and printer Network / 100BaseT / safety loop and warning lamp / pin probe Optional control via all standard field bus systems
Dimensions (W x H x D, approx.)	235 mm x 140 mm x 275 mm
Scope of delivery	KT 230, AC adapter with main cable, pin number probe, USB flash drive with documentation in PDF format

Test program generation with NT Control LT:

Generation, editing and management can be done comfortable with the easy to use software tool NT Control LT.

The data transfer between a PC with NT Control LT and the KT 230 takes place via network or USB flash drive. NT Control LT is available as accessory.