



## 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 **256** 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

# TESTING

# KT 230

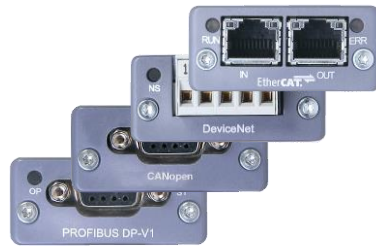
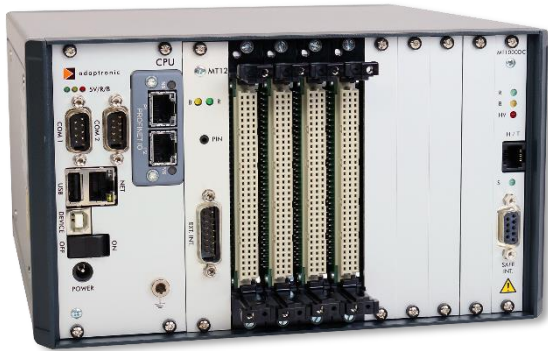


Image: KT 230 with options

| <b>Technical features KT 230</b> |   |
|----------------------------------|---|
| Test points                      | 64, 128, 192 or 256   |
| <b>Low voltage test DC</b>       |   |
| 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<br>Capacitors: 10 nF – 10 mF<br>Diodes, Zener diodes, LEDs, varistors (100V – 800 V, I = 1 mA), surge arrestors   |
| <b>High voltage test DC</b>      |   |
| Test voltage                     | 100 – 1000 V  |
| Insulation test                  | 100 kOhm – 1 GOhm   |
| Breakdown test                   | Fast recognition of voltage breakdowns  |
| <b>General</b>                   |   |
| 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<br>2 x serial interface RS232 for control and printer<br>2 x USB 2.0 (1 x at the front-side) for data media, barcode scanner, keyboard and printer<br>Network / 100BaseT / safety loop and warning lamp / pin probe<br>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.