

The Versatile Small Tester,
Compact with High Efficiency

WK 140
WK 240



Cable Test

Backplane-/Racktest

Function Test

Specials

WEETECH

The **WK 140** or **WK 240** is the best choice for in-process and final test of computer cables, cabling of electrical appliances and wiring harnesses. Based on simple operation they offer highly advanced test capabilities. In addition the tester can be optionally integrated in a PC network. This allows a central test program management and the storage of statistical data.

■ Testing and Measuring Performance

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- Performance**
- Continuity/insulation thresholds from 10 Ohms to 100 kOhms programmable with switch offset
 - Test of resistors from 1 Ohm to 1 MOhm, accuracy $\pm 5\%$, ± 5 Ohms, at resistances smaller than 12 kOhms the switch transition resistances are automatically compensated
 - Test of capacitors from 50 nF to 1,000 μ F, accuracy $\pm 10\%$, ± 20 nF
 - Test of diodes for open, short and reversed
 - Function check of keys and switches
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- Current/Voltage**
- 10 μ A, 100 μ A, 1 mA or 5 mA constant current
 - max. 12.5 Vdc
- Typical values, being valid at the output of the tester without adaptation at 25 °C and a relative humidity smaller than 60 %
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■ Technical Details

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- Tester Hardware**
- C161PI controller with 20 MHz internal frequency, 3 V
 - 512 KB static RAM (incl. 128 KB operation memory) battery-backed for min. 5 years
 - Real time clock
 - PC card slot for additional memory for test program storage on PCMCIA-Card (not FAT compatible, optional)
 - 2 parallel and 3 serial interfaces to install printer, barcode reader etc.
 - Interface for remote operation and driving external devices, e.g. fixtures and feeders
 - Ethernet interface (optional) for TCP/IP transfer with defined IP address
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- Switching Matrix**
- Test point card with 128 test points each
 - CMOS analogue switching
 - Replaceable 64-pin test point connectors conforming to DIN 41612, type C
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- LED Drivers**
- 128 LED drivers per card
 - Replaceable 64-pin test point connectors conforming to DIN 41612, type B
 - To activate LEDs, e.g. on an assembly board, simultaneously with associated test points
 - For visual wiring assembly aid or fault location
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■ Further Details

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- Operating Elements**
- Buttons for Start, Stop and menu selection
 - Pass and Fail LEDs
 - Beeper
 - Jack for probe
 - LC display with 2 x 20 characters, character height: WK 140: 5 mm, WK 240: 9.2 mm
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- Dimension and Weight**
- WK 140: 300 x 230 x 120 mm (W x D x H), 3 kg without test point cards
 - WK 240: 300 x 230 x 150 mm (W x D x H), 3.5 kg without test point cards
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- Power Supply**
- Wall power supply, Input 100 - 240 Vac/0.5 A, Output 12 Vdc/1.3 A
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