

# MULTIFUNCTION TESTERS

**MULTICHECK6010: (designed and manufactured by KPS)**

Is a multi-function Tester for verification of electrical safety of Low Voltage Installations (domestic, commercial, or industrial) according to DIN VDE 0100 and EN 61557. An all-in-one device with 3.5 TFT color display, covering the measurements you need. Fast. Safe.

Experts in Measurement Instrumentation



## MAIN FEATURES

### Measurement of:

- Loop resistance
- Internal network resistance
- Measurement of short circuit current
- Low resistance and continuity
- Insulation
- RCD/FI for types A, AC, B, B+, F
- RCD AUTO test
- TRMS Voltage, Rotary field and frequency
- Earth resistance

## ACCESSORIES INCLUDED

- 1 pc. MULTICHECK6010
- 3 pcs. Test leads each 1 m
- 1 pc. Schuko-plug test cable
- 3 pcs. Test probes
- 3 pcs. Alligator clips
- 1 pc. Instruction manual
- 6 pcs. Batteries 1.5 V / AAA, rechargeable batteries
- 1 pc USB cable • Earth Resistance
- External power supply
- Calibration certificate
- Carrying bag

## OPTIONAL ACCESSORIES:

- Carrying strap
- Test probe with TEST button
- Set for earth resistance testing: 3 test leads (20m/20m/5m) and 2 earth stakes

SKU	UPC	EAN
KPSMF6010CBINT	810053671955	8435394776361

Function	Test method	Range	
<b>Insulation resistance (RISO)</b>	Voltage: 50/100/250 V	0.000 MΩ ... 199.9 MΩ	
	Voltage: 500/1000 V	0.000 MΩ ... 999 MΩ	
<b>Impedance (ZL/ZLoop)</b>	Zline L-L, L-N, Ipfc	0.00 Ω ... 9999 Ω	
	Zloop L-PE, Ipfc	0.00 Ω ... 9999 Ω	
	Zloop L-PE, Ipfc, non trip	0.00 Ω ... 9999 Ω	
<b>Earth resistance (RE) (OPTIONAL)</b>	3-wire	0.00 Ω ... 9999 Ω	
	4-wire	0.00 Ω ... 9999 Ω	
	Specific earth resistance	0.00 Ω ... 9999 Ω	
<b>Continuity (RLO)</b>	Current: 7 mA (2-wire)	0.0 Ω ... 1999 Ω	
	Current: 200 mA (2-wire)	0.00 Ω ... 1999 Ω	
<b>Voltage (V)</b>	TRMS	0 ... 550 V	
	Frequency	10.0 Hz ... 499.9 Hz	
<b>Phase rotation</b>	TRMS	50 ... 550 Vac (45 Hz ... 400 Hz)	
<b>RCD</b>	Uc	0.0 V ..... V	
	t	0.0 ms ... 500.0 ms	
	I (Ramp)		0.2xIΔN ... 1.1xIΔN (AC)
			0.2xIΔN ... 1.1xIΔN (A) (IΔN ≥ 30 mA)
			0.2xIΔN ... 2.2xIΔN (A) (IΔN < 30 mA)
	0,2xIΔN ... 2,2xIΔN (B)		
<b>General</b>	Power supply	Recharg. batteries (6 x 1.2V Ni-Mh/plug-in power supply)	
	Over voltage category	600 V CAT III 300 V CAT IV	
	Com Port	USB	
	Data Storage	Internal memory	



**MULTICHECK/TBP**



**MULTICHECK/PLT-US**



**MULTICHECK/ERS**

SKU	KPSMFPROBCBINT	KPSMFPROBUSCBINT	KPSMFEARHCBINT
UPC	810053673522	810053673959	810053674598
EAN	8435394776378	8435394776491	8435394776385
Description	Commander with TEST button	Plug test probe	Earth resistance testing set (4 cables 20m/20m/5m/5m and 2 earth stakes)