

SOLAR MULTIFUNCTION TESTER

KPS-MULTICHECK6010PV



Scope of supply:

- 1 pc. MULTICHECK6010PV
- 1 set of MC4 Test leads (including wrench)
- 1 pc. Instruction manual
- 6 pcs. Alkaline Batteries 1.5V/ AAA
- 1 pc USB cable
- Calibration certificate
- Carrying bag
- Carrying strap

MULTICHECK6010PV is a Multifunction Solar Tester for verification of electrical safety of installations according to EN 62446.

All-in-one device with 3.5 TFT colour display, covering the measurements you need. Fast. Safe.

Measurement of:

- Low Resistance / Continuity
- Insulation Resistance (Method 1 and Method 2)
- Polarity
- Open Circuit Voltage (Voc)
- Insulation
- Short Circuit Current (Isc)
- Correction of performance values to Standard Test Conditions (STC)
- Wireless connection to remote **IRD6010PV** irradiance and temperature module (Optional).
- Memory for 1000 measurement readings and PC software to create a test certificate



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FUNCTION		RESOLUTION	RANGE
Insulation resistance (RISO- method1)	Test voltage 250 V (+20%/ -0%)	0,01 MΩ	0,20 MΩ - 19,99 MΩ
	Test current:min 1mA at 250kΩ	0,1 MΩ	20 MΩ - 99,9 MΩ
	Test voltage 500/1000 V (+20%/ -0%)	0,01 MΩ	0,20 MΩ - 19,99 MΩ
	Test current:min 1mA at 500kΩ/1MΩ	0,1 MΩ 1 MΩ	20 MΩ - 99,9 MΩ 100 MΩ-300 MΩ
Insulation resistance (RISO- method2)	Test voltage 250/500/1000 V (+20%/ -0%) Test current:min 1mA at 250kΩ	0,1 MΩ	0,20 MΩ - 19,99 MΩ
Earth resistance (Rpe)	Test current>200mA (<2Ω)	0,01Ω	0,20 Ω - 19,99 Ω
	Test Voltage:-4-24Vdc	0,1Ω	20,0 Ω - 200 Ω
Voltage Voc	Polarity test:Yes	0,1 V 1 V	0,0 Ω ... 1999 Ω
Current Isc	Voc > 20 V	0,1 A	0,2 A ... 15,0 A
Voltage AC/DC	DC, AC (50/60Hz)	0,1V	5,0 - 9,9 V
		1V	100 - 700Vac
		1V	100 – 1000Vdc
Phase rotation	TRMS	50 ... 550 Vac (45 Hz ... 400 Hz)	50 ... 550 Vac (45 Hz ... 400 Hz)

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GENERAL ESPECS

Power supply	Alkaline Batteries (6 x 1.5V AA)
Over voltage category	600 V CAT III 300 V CAT IV
Com-Port	USB
Data Storage	Internal memory (1000 registers)

Product Code Information

SKU	KPSMULTICHECK6010PVCBINT
EAN code	8435394790633
UPC code	810053679210
Pcs/export carton	4