

FASTCHECK4010

MULTIFUNCTION TESTER



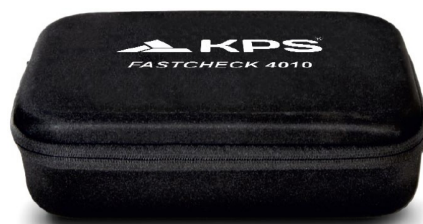
The FASTCHECK4010 represents a new frontier in electrical installation verification instruments, and has evolved to include measurements in both civil and industrial environments. In addition to being used as a multimeter in TRMS and receptacle testing, it enables electrical safety testing (RCD, LOOP L-PE or LOOP L-N) in accordance with IEC61557-3 and IEC61557-6 standards.

It is equipped with a 1.77" TFT display, internal memory and Supercapacitor technology to power it even when it is disconnected from the network.



The **FASTCHECK4010** performs the following measurements:

- Voltage in single-phase, bi-phase or three-phase systems (with attachment)
- Line voltage frequency
- RCD (RCD) A, AC and F tests up to 1A
- RCD Differential Testing (General and Selective Types)
- Test Current $I_{\Delta n}$ 30mA, 100mA, 300mA, 500mA, 650mA and 1A
- RCD AUTO test modes.
- RAMP RCD A, AC and F tests (30mA only)
- Uc Contact Voltage Measurement
- ZLOOP L-PE Non-tripping Impedance Test of Ground Loop Impedance
- IPEFC Prospective Earth Fault Current.
- Line impedance Z LINE Impedance Z L-N or Z L-L
- IPSC Prospective Short-Circuit Current
- Voltage harmonics up to order 50th
- THD% Voltage (Total Line Harmonic Distortion)
- Fundamental frequency and all harmonics
- Plug Test (Socket Base Wiring)
- Reporting using the FASTCHECK app (available for Android and iOS)



FASTCHECK4010 accessory kit for electrical panels

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General Specifications

Display	TFT 1.77" Display, 6000 counts
Wireless Connectivity	BlueTooth
Internal memory	64 records
Dimensions	81.5x70x83mm
Weight	110g
Feeding	From mains 230V 50Hz/60Hz
Standards	IEC 61010-1, IEC 61010-2-30, IEC61557-3 and IEC61557-6, IEC/EN61326-1
Safety Category	CAT IV 600V
Contents	Equipment, manual, accessory kit for measurements in electrical panels, carrying case
AC Voltage Input (V)	120V-440Vac
Input frequency	42 -69Hz
Max Input Current	25mA
Input voltage fluctuation	10%
Operating temperature	°C÷40°C
Permitted relative humidity:	<80% RH
Storage temperature	-20°C ÷ 60°C
Degree of contamination	2

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Technical Specifications and Functions

True-RMS Voltage Measurement	0÷440V
Input frequency	42 -69Hz
Voltage harmonics and THD%	1 -50th (0.8V – 440V)
Wiring test on sockets	No Earth No Neutral, Inverted Phase/Neutral Inverted Phase/Ground Vc>50V
Test RCD	types AC, A, F
Types of CDW	Types AC, A, F General Selective
RCD Test Streams (IΔn)	30mA, 100mA, 300mA, 500mA, 650mA & 1A
RCD Ramp Test	0-30mA (AC Type) 0-42mA (Type A, F)
RCD Current Test	x1/2; x1; x5; (0°, 180°)
Ground Loop Impedance Test (ZL-PE)	0,01-999Ω
ZL-PE test currents	Standard:15mA Low:7mA
Line Impedance Test (Z _{L-N} ,)	0,01-999Ω

Product Code Information

SKU	KPSFASTCHECK4010CBINT
EAN code	8435394791449
UPC code	810053679876

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