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FASTCHECK4010 & FASTCHECK4010G

MULTIFUNCTION TESTERS



FASTCHECK4010



FASTCHECK4010G

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.

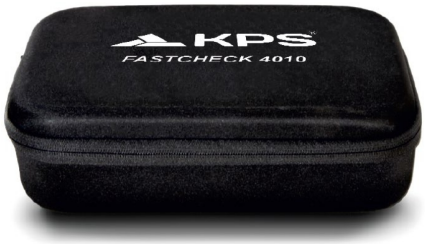
CE RoHS

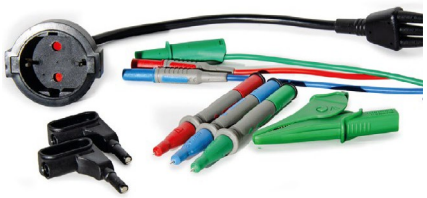
KPS FASTCHECK Available on the App Store GET IT ON Google Play

CATIV600V

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 IΔn 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 50º
- 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
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	°0C÷40°C
Permitted relative humidity:	<80% RH
Storage temperature	-20ºC ÷ 60ºC
Degree of contamination	2

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MULTIFUNCTION TESTERS

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

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MULTIFUNCTION TESTERS

Product Code Information	
SKU	KPSFASTCHECK4010CBINT
EAN code	8435394791449
UPC code	810053679876

Product Code Information	
SKU	KPSFASTCHECK4010GCBINT
EAN code	8435394792002
UPC code	NA

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