KEWTECH

KT63

Multifunction 5-1 tester



PRODUCT DATA SHEET

KT63

MULTIFUNCTION 5-1 TESTER

- Easy to use
- New Anti Trip Technology loop test - for full no trip Loop testing on RCDs of all types. Low susceptibility of RCD uplift and noise interference
- Displays PFC/PSC at same time as Loop reading
- 250 / 500 / 1000V insulation test with auto discharge
- Test leads auto-null for continuity mode
- RCD auto test mode for 30mA RCDs
- RCD ramp test function
- End of line calibration certificate included
- Hand-free mode controlled by separate button
- Single rotary dial for function selection
- Mains polarity test

ACCESSORIES

- ACC063 distribution board test lead set
- Kamp 12 mains lead
- Batteries
- Printed Instruction Manual
- Calibration Certificate
- Soft carry case

OPTIONAL

- FC2000 calibration checker
- Lightmate kit – for fast connection to light fittings
- Pat Adaptor1 – converts your KT63 into a Pat Tester
- JumpId1 – Small jump leads for 17th edition cont/ins testing

SPECIFICATIONS

CONTINUITY

Open Circuit Voltage (DC)	Short Circuit Current	Ranges (Auto Range)	Accuracy
>4V, <10V	>200mA	9.99Ω, 99.9Ω,1999 Ω	±3% ±2 digits

Test Lead Null 4Ω, Hazard warning LED >25V, Typical Test Time(2Ω) <2 sec

INSULATION

Open Circuit Voltage (DC)	Output current	Ranges (Auto Range)	Accuracy
250V	1mA - 0 = + 20% @ 250kΩ	9.99MΩ, 99.9MΩ, 199MΩ	±3% ±2 digits
500V	1mA - 0 = + 20% @ 500kΩ	9.99MΩ, 99.9MΩ, 199MΩ 499MΩ	±3% ±1 digits ±6% ±1 digits
1000V	1mA - 0 = + 20% @ 1MΩ	9.99MΩ, 99.9MΩ, 199MΩ 399MΩ 999MΩ, 99.9MΩ	±3% ±1 digits ±3% ±1 digits ±6% ±1 digits

Short circuit current (in to 2kΩ) <2mA, Typical Test Time (10MΩ) <2 sec

LOOP IMPEDANCE

Range	Accuracy
ATT No trip 0.00 – 9.99 Ω	± 5% ± 5 digits
ATT No trip 10.00 – 99.9 Ω	± 3% ± 3 digits
ATT No trip 100 - 500 Ω	± 3% ± 3digits
High Current 0.00 - 500 Ω	± 3% ± 3 digits

PSC/PFC

PSC accuracy is derived from measured loop impedance specification and measured voltage specification.

Voltage measurement:
+/- 3% 50/60Hz and 90 – 250V

RCD

Function	Accuracy	Rated Voltage	Tripping Time Accuracy	
X ½	–0% to –10%	195V – 253V AC 50Hz	Up to 1 second	±(1% + 1ms)
X 1	+0% to +10%		Above 1 second	±(1% +10ms)
X 5	+0% to +10%			
Ramp Test	Increments in 3mA steps			
Auto test	30mA RCD	½ x 0°, ½ x 180°, 1 x 0°, 1 x 180°, 5 x 0°, 5x 180°		