

Multifunction Installation Tester STEK MFT 1664

Insulation Resistance / Low Resistance / Continuity / Loop Impedance / RCD-ELCB All in One !



STEK MFT 1663/1664/1665 are rugged Multifunction Installation Tester with 3.5" TFT color LCD display, provides insulation resistance, earth resistance, loop impedance, voltage, RCD, PFG and PSC testing. It is designed for software system and ensure the safety of electrical installations in domestic, commercial and industrial applications. MFT1660 series can ensure the fixed wiring is safe and correctly installed. It's fast sampling and dual display, clear symbols and exceptionally wide viewing angle are for easy and safe readings.



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033



STEK 1664 Multifunction Installation Tester Features:



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- 3.5" TFT color LCD display with 320x240 pixels
- Fast high current loop test
- Variable RCD current mode for customized settings
- PASS/FAIL indication for RCD tests
- Select voltage measurement between L-N, L-PE and N-PE
- Support SD memory and USB and Bluetooth interface
- Internal memory
- Safe Earth Volt Touchpad detects raised earth voltages >50 V, indicating potential dangerous situations.
- Slim probes designed with test button
- For easy, always reliable and accurate compensation of test leads and mains cords.
- Bluetooth interface



Specifications

Insulation Resistance Testing

Terminal Voltage	Range	Max Resolution	Accuracy	Test Current	Short circuit current
125V (0% ~ +10)	0.125~4000MΩ	0.001MΩ	±(2%+10)	1mA@load 125kΩ	≤1mA
250V (0% ~ +10)	0.250~4000MΩ	0.001MΩ	±(2%+10)	1mA@load 250kΩ	≤1mA
500V (0% ~ +10)	0.500~4000MΩ	0.001MΩ	±(2%+10)	1mA@load 500kΩ	≤1mA
1000V (0% ~ +10)	1.000~4000MΩ	0.001MΩ	±(3%+10)	1mA@load 1MΩ	≤1mA

Low Resistance Testing

Range	Resolution	Accuracy	Max. open Circuit Voltage	Overload Protection
4.000Ω	0.001Ω	±(1.5%+30)	5.8V	250Vrms
40.00Ω	0.01Ω	±(1.5%+3)		
400.0Ω	0.1Ω			

Continuity Testing

Range	Resolution	Operation Resistance	Max. open Circuit Voltage	Overload Protection
Continuity	0.01Ω	Resistance ≤ 35Ω	5.0V ± 1VDC	250Vrms
Short circuit current		≥ 200mA		

Loop Impedance Testing

L-PE (Hi-Amp) Range of the voltage used: 195V a.c.~260V a.c. (50, 60Hz)		
Range (Ω)	Max. Resolution (Ω)	Accuracy
0.00~999	0.01	±(4% of reading+6 digits)
L-PE(No Trip): Measuring Current: 15mA / Range of the Voltage Used: 195V a.c.~260V a.c.(50,60Hz)		
Range (Ω)	Resolution (Ω)	Accuracy
0.00~999	0.01	±(5% of reading+6 digits)
L-N: Measuring Current: 2.0A / Range of the Voltage Used: 195V a.c.~260V a.c.(50, 60Hz)		
Range (Ω)	Max. Resolution (Ω)	Accuracy
0.00~999	0.01	±(4% of reading+4 digits)

RCD / ELCB Testing

Test current	Accuracy	
x1/2, x1, x2, x5	1.5%~-9%	
Voltage and Frequency		
Measurement Range (V) AC-DC	Resolution	Accuracy
80~500V/(45~400Hz)	1V	±(2% of reading+2 digits)

Size(HxWxD): 220mm x 96.5mm x 60.5mm

Weight: 631g

Accessories: Test leads, 8 x 1.5V "AA" batteries, USB cable and Software, gift box with carrying case, adaptor. MM

