

Multifunction Installation Tester

6650/6651/6652 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. 6650 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



Features

	6650	6651	6652
3-Phase quality power analyzer			*
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	*	*	*



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Model 6651



Model 6650



Model 6652



Specifications (6650/6651/6652)

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

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			

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

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.(56,60Hz)

Range (Ω)	Max. Resolution (Ω)	Accuracy
0.00~999	0.01	±(4% of reading+4 digits)

Test current	Accuracy
x1/2, x1, x2, x5	1.5% ~ -9%

Measurement Range (V) / AC-DC	Resolution	Accuracy
80~500V/(45~400Hz)	1V	±(2% of reading+2 digits)

Power (P, S, Q)	0.00 W (VA, Var) ÷ 99.9 kW (kVA, kVar)
Power factor	-1.00 ÷ 1.00
Voltage harmonics	0.1 V ÷ 500 V
Voltage THD / Current THD	0.1 % ÷ 99.9 %
Current harmonics	0.00 A ÷ 199.9 A

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.