

Multifunction Installation Tester

6650/6651 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 with software system and ensure the safety of electrical installations in domestic, commercial and industrial applications. 6650 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.



Features

	6650	6651
Camera function with Wireless Image Transmitter (650T)		*
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.	*	*



EMC & LVD
 EN: 61326
 EN: 61010-1,
 EN: 61010-02-031



Model 650T
 Wireless Image
 Transmitter
 (Option)

Model 6650

Specifications (6650/6651)

Insulation					
Terminal Voltage	Range	Max Resolution	Accuracy	Test Current	Short circuit current
125V (0% ~ +10)	0.125~4000MΩ	0.001MΩ	±(2%+8)	1mA@load 125kΩ	≤1mA
250V (0% ~ +10)	0.250~4000MΩ	0.001MΩ	±(2%+8)	1mA@load 250kΩ	≤1mA
500V (0% ~ +10)	0.500~4000MΩ	0.001MΩ	±(2%+8)	1mA@load 500kΩ	≤1mA
1000V (0% ~ +10)	1.000~4000MΩ	0.001MΩ	±(3%+8)	1mA@load 1MΩ	≤1mA
Low OHM					
Range	Resolution	Accuracy	Max. open Circuit Voltage	Overload Protection	
4.000Ω	0.001Ω	±(1.2%+8)	5.8V	250Vms	
40.00Ω	0.01Ω	±(1.2%+3)			
400.0Ω	0.1Ω				
Continuity Beeper					
Range	Resolution	Operation Resistance	Max. open Circuit Voltage	Overload Protection	
Cont	0.01Ω	Resistance ≤ 35Ω	5.8V	250Vms	
Short circuit current					
LOOP Resistance					
L-PE (Hi-Amp)					
Range (Ω)	Max. Resolution (Ω)		Accuracy		
0.00~999	0.01		±(5% of reading+5 digits)		
L-PE(No Trip): Measuring Current:15mA / Range of the Voltage Used:195V a.c.~260V a.c.(56,60Hz)					
Range (Ω)	Resolution (Ω)		Accuracy		
0.00~999	0.01		±(5% of reading+5 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		±(5% of reading+5 digits)		
L-L: Measuring Current:2.0A / Range of the Voltage Used:195V a.c.~260V a.c.(56,60Hz) / Red(BSEN 61557-6) / Rcd Rating(I _n):10mA,30mA,100mA,300mA,500mA and 1A / Test current:x1/2,x1,x2 and x5					
Range (Ω)	Max. Resolution (Ω)		Accuracy		
0.00~999	0.01		±(5% of reading+5 digits)		
Accuracy at applied test current: Form of the Test Current:Sine wave form(AC), Pulse wave form(DC) / RCD Form:General(G-non-delayed),Selective(S-time-delayed) / Initial polarity of the Test current:0°,180° / Voltage Range:100V a.c.~260V a.c. (50Hz,60Hz) / Accuracy of the Timing of the RCD:±(1% of reading +5 digits) / Resolution of the RCD Timing:1ms					
Test current	Accuracy				
x1/2, x1, x2, x5	1.5%~-9%				
Voltage and Frequency					
Measurement Range (V) AC-DC	Resolution	Accuracy			
50-500V(45-400Hz)	1V	±(1% of reading+2 digits)			



Combined reading on the images



Test probe with test button design



Safety design with sliding shield plate to avoid the electric shock



Size(HxWxD): 220mm x 96.5mm x 60.5mm
Weight: 631g
Accessories:
 Test leads, 8 x 1.5V "AAA" batteries,
 USB cable and Software, gift box with carrying case.