



CEM DT-6650 Multifunction Installation Tester



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DT-6650

Multifunction Installation Tester

DT-6650 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 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.

Features

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.

Size (H x W x D): 220mm x 96.5mm x 60.5mm

Weight: 631g

Specifications					
Insulation					
Terminal Voltage	Range	Max Resolution	Accuracy	Test Current	Short circuit current
125V (0% ~ +10)	0.125~4000MΩ	0.001ΜΩ	±(2%+10)	1mA@load 125kΩ	≤1mA
250V (0% ~ +10)	0.250~4000MΩ	0.001ΜΩ	±(2%+10)	1mA@load 250kΩ	≤1mA
500V (0% ~ +10)	0.500~4000MΩ	0.001ΜΩ	±(2%+10)	1mA@load 500kΩ	≤1mA
1000V (0% ~ +10)	1.000~4000MΩ	0.001ΜΩ	±(3%+10)	1mA@load 1MΩ	≤1mA
Low OHM					
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 Beeper					
Range	Resolution	Operation Resistance		Max. open Circuit Voltage	Overload Protection
Continuity	0.01Ω	Resistance≤35Ω		5.0V±1VDC	250Vrms
Short circuit current		≥200mA			
LOOP Resistance					
L-PE (Hi-Amp)					
Range (Ω)		Max. Resolution (Ω)			Accuracy
0.00~999		0.01			±(4% of reading+6 digits)
L-PE(No Trip): Meas	uring Current:15r	nA / Range of the	Voltage Used	: 195V a.c.~260V a.c.(56,6	0Hz)
Range (Ω)		Resolution (Ω)			Accuracy
0.00~999		0.01			±(5% of reading+6 digits)
L-N: Measuring Curr	ent:2.0A / Range	of the Voltage Us	sed:195V a.c.	∨260V a.c.(56,60Hz)	
Range (Ω)		Max. Resolution (Ω)			Accuracy
0.00~999		0.01			±(4% of reading+4 digits)
RCD Testing					
Test current				Accuracy	
x1/2, x1, x2, x5			1.5%~ -9%		
Voltage and Frequer	ncy				
Measurement Range	(V)/ AC-DC	Resolution			Accuracy
80-500V/(45-400Hz)	1V			±(2% of reading+2 digits)

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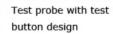
Accessories: Test leads, 8 x1.5V"AAA" batteries, USB cable and Software, gift box with carrying case.













Combined reading on the images





