











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.





EN: 61326 EN: 61010-1,

EN: 61010-02-031



Specifications					
Insulation					
Terminal		Max			
Voltage	Range	Resolution	Accuracy	Test Current	Short circuit current
125V (0% ~ +10)	0.125~4000 MΩ	0.001ΜΩ	±(2%+1 0)	1mA@load 125kΩ	≤1mA
250V (0% ~	0.250~4000 MΩ	0.001ΜΩ	±(2%+1	1mA@load 250kΩ	≤1mA
+10) 500V (0% ~	0.500~4000		0) ±(2%+1		
+10)	MΩ	0.001ΜΩ	0)	1mA@load 500kΩ	≤1mA
1000V (0% ~	1.000~4000	0.001ΜΩ	±(3%+1	1mA@load 1MΩ	≤1mA
+10)	ΜΩ		0)		
Low OHM		1			
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 Bee	per				
Range	Resolution	Operation Resistance		Max. open Circuit Voltage	Overload Protection
Continuity 0.01Ω		Resistance≤35Ω 5.0V±1VDC		5.0V±1VDC	250Vrms
Short circuit current ≥200mA					
LOOP Resistan	ce				
L-PE (Hi-Amp)					
Range (Ω)		Max. Resolution (Ω)			Accuracy
0.00~999		0.01			±(4% of reading+6 digits)
	Measuring Co	urrent:15mA	/ Range o	f the Voltage Used:	195V a.c.~260V
a.c.(56,60Hz)		Decelution (· (a)		A
Range (Ω)		Resolution (Ω)			Accuracy ±(5% of reading+6
0.00~999		0.01			digits)
L-N: Measuring	g Current:2.0	A / Range of	the Voltag	je Used:195V a.c.~2	260V a.c.(56,60Hz)
Range (Ω)		Max. Resolution (Ω)			Accuracy
0.00~999		0.01			±(4% of reading+4 digits)
RCD Testing		1			<u>, </u>
Test current			Accuracy		
x1/2, x1, x2, x	. 5	1.5%~ -9%			
Voltage and Fr	equency			•	
Measurement Range (V)/ AC-DC		Resolution			Accuracy
80-500V/(45-400Hz)		1V			±(2% of reading+2 digits)

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.

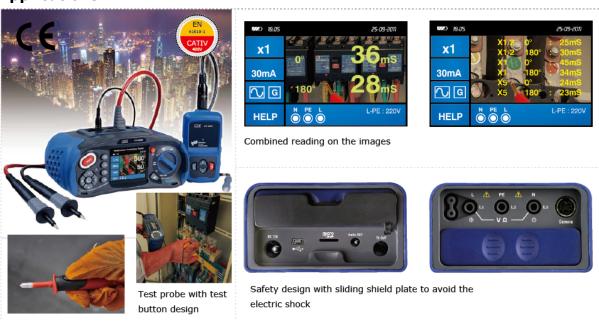
Slim probes designed with test button

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

Applications



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