



DT-6605

High Voltage Insulation Tester

Wide range measurements from 500V to 5000V and up to 60GΩ.

Large 6000 counts digital display with bargraph and backlight.

Polarization index measurement(PI).

Auto ranging & Timer measurement function.



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61243
EN: 61010-3 (9030/9130)



Indication of output voltage and discharge voltage.

Auto-discharge function and voltage output warning function.

Auto power off and battery check.

MAX/MIN, PEAK, Relative value & Data hold functions for DC/AC voltage measurements

Safety standard IEC61010-1 CAT IV 600V

Features

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Specifications						
Function	Insulation resistance				Voltage	Resistance
Range	500V	1000V	2500V	5000V	AC/DCV	
Measuring range (Auto ranging)	0~6.000MΩ 6~60.00MΩ 60~600.0MΩ 600~6000MΩ	0~6.000MΩ 6~60.00MΩ 60~600.0MΩ 600~6000MΩ	0~60.00MΩ 60~600.0MΩ 0.6~6.000GΩ 6~60.00GΩ	60~60.00MΩ 60~600.0MΩ 0.6~6.000GΩ 6~60.00GΩ	0~600.0V (50~1kHz)	0~600.0Ω 600~6000Ω
Accuracy	±5%rdg ±3dgt ; ±20% (>6GΩ or more)				±1.5%rdg ±5dgt	±1.5%rdg ±10dgt
Short Circuit Current	1.3mA approx				-	
Rated test Current (at load Resistance)	1mA-1.2mA 0.5MΩ	1mA-1.2mA 1MΩ	1mA-1.2mA 2.5MΩ	1mA-1.2mA 5MΩ	-	
Open circuit voltage	500VDC/+2 0%-0%	1000VDC/+2 0%-0%	2500VDC/+2 0%-0%	5000VDC/+2 0%-0%	-	
Continuity check	Buzzer sounds at 50Ω					
Display	6000 Counts					
Current consumption	About 1000mA (During measurement)				25mA approx.	
Withstand Voltage	5320V AC for 5 seconds					
Safety standard	IEC 61010-1 CAT IV 600V Pollution Degree 2					
Power supply	DC12V : R14 x 8					
Dimensions	198 (L) x 148 (W) x 86 (D) mm					
Weight	1438g approx.					
Accessories	Test leads, Instruction Manual and 120V/250V AC adaptor					

Applications

	<p>High Voltage Insulation Tester</p> <ul style="list-style-type: none">• Wide range measurements from 500V to 5000V and up to 60GΩ.• Large 6000 counts digital display with bargraph and backlight.• Polarization index measurement(PI).• Auto ranging & Timer measurement function.• Indication of output voltage and discharge voltage.• Auto-discharge function and voltage output warning function.• Auto power off and battery check.• MAX/MIN, PEAK, Relative value & Data hold functions for DC/AC voltage measurements• Safety standard IEC61010-1 CAT IV 600V 
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