



HIGH VOLTAGE INSULATION TESTER DT-6605

Features:

1. Wide range measurements from 500V to 5000V and up to 60GΩ.
2. Large 6000 counts digital display with bargraph and backlight.
3. Polarization index measurement (PI).
4. Auto ranging & Timer measurement function.
5. Indication of output voltage and discharge voltage.
6. Auto-discharge function and voltage output warning function.
7. Auto power off and battery check.
8. MAX/MIN, PEAK, Relative value & Data hold functions for DC/AC voltage measurements.
9. Safety standard IEC61010-1 CAT IV 600V.

Specifications:

Function	Insulation resistance				Voltage	Resistance
Range	500V	1000V	2500V	5000V	AC/DCV	
Measuring range (Auto ranging)	0~6.000MΩ	0~6.000MΩ	0~6.000MΩ	6~60.00MΩ	(50~1kHz)	0~600.0Ω
	6~60.00MΩ	6~60.00MΩ	6~60.00MΩ	60~600.0MΩ		600~6000Ω
	60~600.0MΩ	60~600.0MΩ	0.6~6.000GΩ	0.6~6.000GΩ		
	600~6000MΩ	600~6000MΩ	6~60.00GΩ	6~60.00GΩ		
Accuracy	±5%rdg ±3dgt ; ±20% (>6GΩ or more)				±1.5%rdg ±5dgt	±1.5%rdg ±10dgt
Short Circuit	1.3mA approx				-	

Current					
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/+20 %-0%	1000VDC/+2 0%-0%	2500VDC/+20 %-0%	5000VDC/+20 %-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.				