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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.
- 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



Model 6605

CE



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

Specifications

Function	Insulation resistance				Voltage	Resistance
Range	500V	1000V	2500V	5000V	AC/DCV	
Measuring range (Auto ranging)	0~6.000MΩ	0~6.000MΩ	0~60.00MΩ	60~60.00MΩ	0~600.0V (50~1kHz)	0~600.0Ω 600~6000Ω
	6~60.00MΩ	6~60.00MΩ	60~600.0MΩ	60~600.0MΩ		
	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 Current	1.3mA approx				-	
Rated test Current (at load Resistance)	1mA-1.2mA	1mA-1.2mA	1mA-1.2mA	1mA-1.2mA	-	
	0.5MΩ	1MΩ	2.5MΩ	5MΩ		
Open circuit voltage	500VDC/+20%-0%	1000VDC/+20%-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.					
Accessories	Test leads, Instruction Manual and 120V/250V AC adaptor					