

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



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

EN
61010-1
CATIV
600V

Specifications						
Function	Insulation resistance				Voltage	Resistance
Range	500V	1000V	2500V	5000V	AC/DCV	
Measuring range (Auto ranging)	0-6.000MΩ	0-6.000MΩ	0-60.00MΩ	60-600.0MΩ	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				-	