

## HVM-5000 Meg-ohmmeter



- Resistant to strong magnetic field disturbance, suits for rough site testing conditions
- Large output current with short-circuit current up to 6mA, high-accuracy measurement guaranteed
- AC/DC power supply, large capacity battery, lasting more than 5hrs
- Durable suitcase with water-resist level up to IP6 and anti-shock design

# HVM-5000 Meg-ohmmeter



Durable suitcase with water-resist level up to IP6 and anti-shock design



AC/DC power supply, 2# NiMH embedded battery with more than 5hrs operating time, low self-discharging rate, designed for long-term storage. In emergent on-site circumstances, the rechargeable NiMH battery can be replaced by common 2# batteries

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## Main Feature

- Based on site experience, the system tested accurately with AC200kV disturbance only 1.5m away
- 500/1000/2500/5000V test voltage level selectable, 50V step up within 500~5000V for various type of insulation diagnosis
- Large output current with short-circuit current up to 6mA
- Automatic calculate Absorbance Factor (AF) and Polarization Index (PI). Capacitance can be measured simultaneously. Subsequently change to PI testing mode if AF unqualified
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## Technical Parameter

Test Voltage	DC:500V, 1000V, 2500V, 5000V	
	50V stepped voltage raising within 500~5000V	
Voltage Precision	Error±2%±1V (0~30°C)	
Insulation Resistance Range	500kΩ~500GΩ	
Insulation Resistance Precision	±5%	1MΩ~50GΩ Test voltage 5000V
		1MΩ~5GΩ Test voltage 500V
	±20%	500kΩ~1MΩ Test voltage 5000V
		50GΩ~500GΩ Test voltage 5000V
±20%	500kΩ~1MΩ Test voltage 500V	
	5GΩ~50GΩ Test voltage 500V	
Max Short-circuit Current	6mA	
Capacitance Range	0.1uF~10uF	
Capacitance Precision	±5%±0.03uF (0~30°C)	
Capacitor Charging Rate	<1.5sec/uF, up to 5000V	
Capacitor Discharging Rate	<1sec/uF, less than 50V after discharging	
Power Input	AC 220V 50Hz DC, 2# NiMH rechargeable batteries X8; operating time up to 16hrs on 1GΩ resistance	