

Digital Insulation Resistance Tester 5000V

This digital insulation resistance tester measures insulation resistance up to 5000V. It features multiple voltage test ranges and a digital display for clear readings.



ADDITIONAL IMAGES



Overview



The complete testing kit including the digital unit and high-voltage test leads.

High-Performance 5000V Insulation Testing

The HP-6688B is a professional-grade digital insulation resistance tester designed for high-precision measurements up to 5000V. Built for durability, this quakeproof, dustproof, and dampproof device is ideal for demanding outdoor work environments. It features an improved electrocircuit for higher accuracy and easier operation, making it a reliable tool for assessing the insulation integrity of high-voltage electrical equipment and wiring.

Key Performance Metrics

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5000 V

Max Test Voltage

2000 G Ω

Max Resistance

750 V

AC Voltage

Technical Specifications

Insulation Resistance Accuracy

Range	Accuracy
1M Ω ~20M Ω	$\pm(3.0\%$ of rdg + 5 digits)
200M Ω ~300M Ω	$\pm(5.0\%$ of rdg + 5 digits)
10G Ω ~20G Ω	$\pm(10.0\%$ of rdg + 5 digits)

Selectable Test Voltages 500V, 1000V, 2500V, 5000V

AC Voltage Accuracy $\pm(2.0\%$ of rdg + 5 digits)

Features



Detailed view of the LCD display, control switches, and protective casing features.

Operational Features

- Auto Ranging Selection
- Data Hold Function
- LCD Backlight
- High Voltage (HV) Red Indication Lamp
- Low Battery Indication

Protection Rating

Quakeproof • Dustproof • Dampproof

Physical Characteristics

Device Dimensions 218 x 122 x 75 mm

Net Weight 900 g

Power & Hardware

Battery Requirements 1.5V (AA) x 6

Max Display Count 1999

Logistics

Standard Packaging

- Quantity per Carton: 10 pcs
- Carton Size: 435 x 245 x 540 mm
- Gross Weight: 12 kg
- Net Weight: 11 kg