

HIOKI · INSULATION TESTERS · DATASHEET

Hioki IR5051 Digital Insulation Tester 5000V

Model IR5051



High-voltage insulation tester for EV and solar PV systems. Tests up to 5000V DC, measures up to 10TΩ with automatic PI, DAR and DD diagnostics. Safe for ungrounded PV systems. Leakage current measurement 0.00nA to 2.00mA.

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 89610 89611 or WhatsApp +91 89610 89611.

Key Features

- Test voltages: 250V, 500V, 1.00kV, 1.50kV, 2.00kV, 2.50kV, 5.00kV DC
- Insulation resistance measurement up to 10 TΩ (10,000,000 MΩ)
- Safe measurement of ungrounded PV systems — no earth connection required
- Leakage current measurement 0.00 nA to 2.00 mA
- Automatic PI (Polarization Index), DAR (Dielectric Absorption Ratio) and DD (Dielectric Discharge) calculation for predictive maintenance
- Capacitance measurement
- CAT IV 1000V / CAT III 2000V safety rating
- Bluetooth wireless via Z3210 for data management
- IP40²⁻³ dustproof and waterproof
- 1.7 kg — designed for field portability

Compatible accessories

- Hioki C0212 Carrying Case (Model C0212)
- Hioki GENNECT Cross App (Model GENNECT)
- Hioki L9850-01 Test Lead (Model L9850-01)
- Hioki L9850-02 Shielded Test Lead (Model L9850-02)
- Hioki L9850-03 Test Lead (Model L9850-03)
- Hioki L9851-01 Alligator Clip (Model L9851-01)
- Hioki L9851-02 Alligator Clip (Model L9851-02)
- Hioki L9851-03 Alligator Clip (Model L9851-03)
- Hioki L9852 Test Pin Set (Model L9852)

Order or ask for a quotation

Industrial Supply Syndicate supplies the Hioki IR5051 across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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