



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics

IRM 20 20kV Insulation Resistance Tester

This portable unit is used for resistance measurement up to 20kV. The IRM20 resistance meter is a high voltage generator with variable outputs (5kv, 10kV, 15kV and 20kV) that allows measurements up to 2,000,000MΩ

Projects

Repairs

Services

Training

Products

Applications

- Test new cables and fittings before first service.
- In testing cables already in service as routine tests.
- Test electrical installations.

Features:

- Digital measurement on LCD display.
- Test voltages, 5kV, 10kV, 15kV and 20kV.
- Test voltage continuously adjustable between 0 to 20 kV.
- Polarization index (PI)
- Dielectric absorption ratio (DAR)
- Programmable timer
- Guard circuit
- Stand-alone battery-operated equipment
- Easy operation
- Built-in rechargeable battery that makes it totally independent from mains power.
- Low weight and compact design
- Low battery protection
- Continuously adjustable output voltage mode between 0 and 20kV.
- Numeric digital display and analog bars on LCD display.
- Supports output short circuit



H.V. TEST

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IRM 20

20kV Insulation Resistance Tester

TECHNICAL SPECIFICATIONS

Specifications

- DC Output Power 5 kV – 10 kV – 15kV – 20 kV
- Measurement Scope 500 GΩ @ 5 kV
1 TΩ @ 10 kV
1.5 TΩ @ 15 kV
2 TΩ @ 20 kV
- Short circuit current 2 mA +/- 5%
- Digital Display LCD Graphic Display
- Accuracy +/- 10% up to 200 GΩ
- Dimensions mm (h x w x d) 162 x 365 x 273
- Weight 8.5 kg
- Power Supply 220 V AC 50 Hz
- Internal Power Supply Gel Battery 12 V DC
- Operating Temperature 10°C / +50°C

Included

- 2m high-voltage cable. (2 cables)
- 2m guard circuit cable.
- 220 VAC power cable.
- Direct electric shock maneuver stick. (Optional)
- Operation manual.



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