

Order Code : 20213540.2

Name : Analog 5 KV DC Insulation Resistance tester



Specifications:

- Large, single scale analog display.
- Auto voltage measurement function indicates conductor and auto discharge potential.
- Supplied with optional locking test button.
- Safety recessed terminals and long connectors.
- Four output test voltages.
- Simple to use.
- CE marked.
- Unique scale overlay for pass/fail bands.
- Resilient mounted analogue scale for robustness.
- Single scale for insulation values to avoid operator error.
- Light weight and rugged.
- Range down to 100 kΩ ideal for go/no go testing.

Insulation Range	100 kΩ to 20 GΩ (also 0 Ω and ∞).
Test Voltages (DC)	500 V, 1000 V, 2500 V & 5000 V.
Test Voltage Accuracy	±5% of nominal test voltages on 20 MΩ load.
Test Voltage Stability	<±1% (180 r.p.m. to 240 r.p.m. MJ15).
Insulation Accuracy (at 0 - 30°C) (32 to 86°F)	±2.5% of full scale deflection.
Short Circuit Current	1,5 mA ± 0,5 mA.
Maximum Capacitance of Load	5 μF.
Interference Rejection	1 mA rms at 50 to 60 Hz.
Discharge Resistor	<500 kΩ.
Voltage Range	0 to 600 V a.c.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

TESCA TECHNOLOGIES PVT. LTD.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302029, Rajasthan, India.
 Ph/ Fax: 91-141-2771791, 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
 Website: www.tesca.in

Accuracy	± 2,5% f.s.d. a.c. (with rotary switch in the V position).
Overload Rating	720 V a.c. or d.c.
Scale Length	2,8 in. (72 mm) (96°).
Power Supply	8 x AA cells (LR6).
Battery Life	Typically 2000 five second tests at 5 kV on 100 MΩ load.
Battery Indicator	Loaded Battery Test.
EMC	In accordance with IEC 61326-1.
Operating temperature	32 °F to 86 °F (0 °C to 30 °C).
Storage temperature	-13 °F to 149 °F (-25 °C to 65 °C).
Dimensions	220 x 160 x 115 mm.
Weight	Approx 2,6 lbs (1,2 kg).
Safety	Meets the safety requirements for double insulation to IEC 1010-1 (1995) EN61010 (1995) to installation Category III***, 300 V phase to earth (ground) or 600 V Category I* ***Relates to transient overvoltage likely to be found in fixed installation wiring. *Relates to transient overvoltage likely to be found in special equipment or parts of equipment, telecommunication, electronic etc.

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