

/ MIT525 5 and 10 kV DC Insulation Resistance Testers



See online technical sheet



/ Standards

IEC 61010-1, CAT IV 600 V

/ Use

The Insulation Resistance (IR) test is a qualitative test that indicates the effectiveness of a product's electrical insulation.

Applications include cables, transformers, motors/generators, circuit breakers and bushings.

The IR test is ideal for measuring and recording long term stability of insulation over time, a process known as trending.

IR tests are temperature dependent and require adjustment to a reference temperature.

Storage models offer a temperature recording option.

/ Technical specifications

- Measure up to 10 T Ω (5 kV) / 20 T Ω (10 kV) max. insulation resistance
- Timed IR plus PI and DAR diagnostic tests
- Operate with dead battery when on line power/mains
- Rapid charge Li-ion battery - up to 6 hrs continuous testing (5 kV)
- Dedicated voltmeter function (30 V to 660 V)
- CATIV 600 V safety rating
- Large LCD display with automatic backlight
- Noise filter - rejects up to 3 mA noise
- High altitude operation up to 3000 m

MIT525/1025 Additional features

- Dielectric Discharge (DD), Step Voltage (SV) and ramp test functions
- Advanced memory with time/date stamp, on screen recall
- Real time clock
- Download of memory via isolated USB (type B) interface (USB cable to PC)
- PowerDB Lite asset management software

Included accessories:

User guide CD, Power lead, 3 m leadset x 3, medium insulated clips, 3 m leadset x 3, large insulated clips (MIT1025 only).

USB cable and PowerDB Lite software (MIT525 and MIT1025 only).

Dimensions : 315 x 285 x 181 mm

Weight : 4.5 kg

Document not contractually binding, errors and omissions excepted

Advantages

- Improved productivity - operate from line power/mains if battery dead
- Li ion battery - extended capacity, rapid charge
- Advanced memory with time/date stamp