

Insulation Tester **IS 6600H, IS 6680H**

Insulation Tester make it possible to measure the insulation of an electrical device.

The insulation test must be carried out on both protection class I (with PE protective conductor) and protection class II (without PE protective conductor) devices. When measuring the insulation resistance, a test voltage of 500 V DC is usually applied.

Recognize:

- Insulation weaknesses between any electrical conductors to the protective conductor / device housing
- Insulation weaknesses between the electrical conductors
- Poor insulation on air and creepage distances

| | | IS 6600H | IS 6680H |
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| | | Desktop device | 19" rack device |
| High Voltage Test DC | Voltage Range Current Range Short Circuit Current Residual Ripple | 100 V - 6000 V 0 mA - 20 mA >20 mA < 3% | |
| Insulation Measurement DC | Voltage Range Measuring Range Residual Ripple | 100 V - 6000 V 100 k Ω - 50 G Ω < 3% | |
| Digital Interface 24 VDC | Input Output | 4 4 | |
| Mains Supply | Voltage Frequency | 90 V - 250 V 50 Hz / 60 Hz | |
| Interfaces | USB Ethernet / LAN | √ √ | |
| Operation | Keypad for Input | 7"-TFT colour display | |
| Dimensions and Weight (approx.) | Height Width Depth Weight | 148 mm 5.8 in 420 mm 16.5 in 508 mm 20.0 in 20,4 kg 45.0 lbs | 133 mm 5.2 in 482 mm 19.0 in 439 mm 17.3 in 20,4 kg 45 lbs |