

Insulation Tester

IS 1885P

The IS 1885P automatic insulation tester is a compact tester for insulation Resistance Measurement and High Voltage testing. It is ideal for simple, cost-effective and uncomplicated safety testing in accordance with national and international standards (IEC, EN, UL, VDE etc.).

The test speed of the IS 1885P is second to none. Control and evaluation are carried out via a simple ModBus protocol or the

DAT 3805 datAACquisition software. The unlimited test plan design means that there are virtually no limits to the testing possibilities. The optional voltage feedBack Measurement can be used to ensure that the DUT is contacted.



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		Rack device
High Voltage Test DC	Voltage Range Current Range Short Circuit Current	100 V - 6000 V 0 mA - 10 mA < 12 mA
Insulation Measurement DC	Voltage Range Short Circuit Current Resistance Range	100 V - 6000 V < 12 mA 250 kΩ - 600 GΩ, 100 GΩ / kV
Technology		Electronic source 6000 VDC Safety current limitation according to EN 50191 Back Measurement (4-wire-technique for contact monitoring), optional according to EN 50191 and potential-free High voltage potential-free - 4 kVDC Potential-free interface (Ethernet)
General Data	Mains Supply	90 VDC - 253 VAC 50 Hz - 60 Hz
Interfaces	Test Voltage Back Measurement Guard	High Voltage Sockets 4 mm High Voltage Sockets 4 mm 4 mm Sockets
Operation		Remote only via Ethernet & DAT software
Dimensions and Weight (approx.)	Height Width Depth Weight	89 mm 3.5 in 483 mm 19.0 in 470 mm 18.5 in 8 kg 17.6 lbs