Hipot Safety Analyser
S 1802M

The S 1802M hipot safety analyser combines High Voltage testing (AC and DC) as well as ground bond and insulation testing in a single device. The S 1802M is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

The S 1802M offers maximum convenience and ease of use thanks to the integrated 4.3"-TFT color display. Thanks to the individually configurable test programs, a fully automatic test plan can also be created for each product. The DUT only needs to be connected once - time-consuming reconnection is a thing of the past!





Subject to change and error. Please note: that in Europe, we use a comma as the separator, while in the USA, a period is used.

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		Desktop device
High Voltage Test AC	Voltage Range Current Range Short Circuit Current	100 V - 5500 V 0 mA - 3 mA < 3 mA
High Voltage Test DC	Voltage Range Current Range Short Circuit Current Residual Ripple	100 V - 6000 V 0 mA - 10 mA < 12 mA < 3 %
Insulation Measurement DC	Voltage Range Measuring Range (voltage-dependent) Residual Ripple	100 V - 6000 V 250 kΩ - 1 GΩ < 3 %
Ground Bond Test	Measuring Range Test Current AC Open Circuit Voltage	0 mΩ - 400 mΩ 10 A - 30 A 6 V / 12 V
Subjective Tests	Text-Step	Subjective or informative
General Data	Threshold Values Error Message Ramp Function Generator Memory Additional Function Mains Supply	All programmable Visual and audible Programmable Fully electronic, digital technology 180 mb Programmable inputs and outputs 90 V - 250 V I 50 Hz / 60 Hz
Interfaces	Computer Interfaces Digital Interface 24 VDC	2 x USB, RS 232, Ethernet / LAN 8 input + 8 output
Operation	Touch for Input	4.3"-TFT colour display
Dimensions and Weight (approx.)	Height Width Depth Weight	155 mm I 6.1 in 362 mm I 14.3 in 328 mm I 12.9 in 11 kg I 24.25 lbs

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