

Hipot Tester

HA 1800M

The HA 1800M hipot tester combines High Voltage testing (AC and DC) and insulation testing in a single device. The HA 1800M is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

The HA 1800M 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. With a short-circuit current of 3 mAAC / 10 mADC, the HA 1800M Desktop Device is safety current-limited (in accordance with EN 50191) and makes it easier to set up a safe workplace.

This means that it can be operated by non-qualified electricians. The HA 1800M also has a fully electronic High Voltage generator, which ensures accurate and fast testing.

		HA 1800M
		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 %
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 50 Hz / 60 Hz
Interfaces	Computer Interfaces Digital Interface 24 VDC	2 x USB, RS 232, Ethernet / LAN 8 input + 8 output
Operation	Keypad for Input	4.3"-TFT colour display
Dimensions and Weight (approx.)	Height Width Depth Weight	155 mm 6.1 in 361 mm 14.2 in 328 mm 12.9 in 10 kg 22.0 lbs