

# 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.

		<b>HA 1800M</b>
		<b>Desktop device</b>
<b>High Voltage Test AC</b>	Voltage Range	100 V - 5500 V
	Current Range	0 mA - 3 mA
	Short Circuit Current	< 3 mA
<b>High Voltage Test DC</b>	Voltage Range	100 V - 6000 V
	Current Range	0 mA - 10 mA
	Short Circuit Current	< 12 mA
	Residual Ripple	< 3 %
<b>Insulation Measurement DC</b>	Voltage Range	100 V - 6000 V
	Measuring Range (voltage-dependent)	250 kΩ - 1 GΩ
	Residual Ripple	< 3 %
<b>Subjective Tests</b>	Text-Step	Subjective or informative
<b>General Data</b>	Threshold Values	All programmable
	Error Message	Visual and audible
	Ramp Function	Programmable
	Generator	Fully electronic, digital technology
	Memory	180 mb
	Additional Function	Programmable inputs and outputs
<b>Interfaces</b>	Mains Supply	90 V - 250 V   50 Hz / 60 Hz
	Computer Interfaces Digital Interface 24 VDC	2 x USB, RS 232, Ethernet / LAN 8 input + 8 output
<b>Operation</b>	Keypad for Input	4.3"-TFT colour display
<b>Dimensions and Weight (approx.)</b>	Height	155 mm   6.1 in
	Width	361 mm   14.2 in
	Depth	328 mm   12.9 in
	Weight	10 kg   22.0 lbs