

# Hipot Safety Analyser

## S 1801M

The S 1801M hipot safety analyser combines High Voltage testing (AC and DC) as well as ground bond and insulation testing in a single device. The S 1801M is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

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!

The S 1801M offers maximum convenience and ease of use thanks to the integrated 4.3"-TFT color display. Thanks to the



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		<b>S 1801M</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>Ground Bond Test</b>	Measuring Range	0 MΩ - 400 MΩ
	Test Current AC	10 A - 30 A
	Open Circuit Voltage	6 V / 12 V
<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
	Mains Supply	90 V - 250 V   50 Hz / 60 Hz
<b>Interfaces</b>	Computer Interfaces	2 x USB, RS 232, Ethernet / LAN
	Digital Interface 24 VDC	8 input + 8 output
<b>Operation</b>	Touch for Input	4.3"-TFT colour display
<b>Dimensions and Weight (approx.)</b>	Height	155 mm   6.1 in
	Width	362 mm   14.3 in
	Depth	328 mm   12.9 in
	Weight	11 kg   24.25 lbs