

# Hipot Safety Analyser

## LG 1800B

The LG 1800B hipot safety analyser combines High Voltage testing (AC and DC) as well as ground bond, insulation, equivalent leakage current, function and Continuity Testing in a single device.

The LG 1800B is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

The LG 1800B 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!



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		<b>LG 1800B</b>
		Desktop device
<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 k $\Omega$ - 1 G $\Omega$
	Residual Ripple	< 3 %
<b>Ground Bond Test</b>	Measuring Range	0 $\Omega$ - 0.4 $\Omega$
	Test Current AC	10 A - 30 A
<b>Equivalent Leakage Current Test</b>	Measuring Range	0 mA - 10 mA
	Test Voltage AC	100 V - 270 V
<b>Continuity Test</b>	Measuring Range	0 mA - 600 mA
<b>Function Test</b>	Power Consumption AC	4 A (optional: 1 A, 10 A or 16 A)
<b>Subjective Tests</b>	Text-Step	Subjective or informative
<b>General Data</b>	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>	Keypad for Input	4.3"-TFT colour display
<b>Socket selection</b>	Type	A, B, E, G, I, J, L
<b>Dimensions and Weight (approx.)</b>	Height	233 mm   9.2 in
	Width	380 mm   15.0 in
	Depth	450 mm   17.7 in
	Weight	13,5 kg   29.8 lbs