

Hipot Safety Analyser

KT 1880B

The KT 1880B 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 KT 1880B is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

The KT 1880B 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!

		KT 1880B
		19" rack device
High Voltage Test AC	Voltage Range	100 V - 5500 V
	Current Range	0 mA - 3 mA
	Short Circuit Current	< 3 mA
High Voltage Test DC	Voltage Range	100 V - 6000 V
	Current Range	0 mA - 10 mA
	Short Circuit Current	< 12 mA
	Residual Ripple	< 3 %
Insulation Measurement DC	Voltage Range	100 V - 6000 V
	Measuring Range (voltage-dependent)	250 kΩ - 1 GΩ
	Residual Ripple	< 3 %
Ground Bond Test	Measuring Range	0 Ω - 0.4 Ω
	Test Current AC	10 A - 30 A
Equivalent Leakage Current Test	Measuring Range	0 mA - 10 mA
	Test Voltage AC	100 V - 270 V
Continuity Test	Measuring Range	0 mA - 600 mA
Function Test	Power Consumption AC	4 A (optional: 1 A, 10 A or 16 A)
Subjective Tests	Text-Step	Subjective or informative
General Data	Mains Supply	90 V - 250 V 50 Hz / 60 Hz
Interfaces	Computer Interfaces	2 x USB, RS 232, Ethernet / LAN
	Digital Interface 24 VDC	8 input + 8 output
Operation	Keypad for Input	4.3"-TFT colour display
Dimensions and Weight (approx.)	Height	222 mm 8.7 in
	Width	483 mm 19.0 in
	Depth	491 mm 19.3 in
	Weight	20 kg 44.1 lbs