

Hipot Safety Analyser

KT 1885L

The KT 1885L hipot safety analyser combines High Voltage testing (AC and DC) as well as ground bond, insulation, equivalent leakage current and Continuity Testing in one device. Resistance Measurement between 1 - 1 kΩ can be integrated as an option. The KT 1885L is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

The standard integrated 10.1" touch color display ensures maximum convenience and ease of use. Simple and clear instructions on the display make operation intuitive and efficient.

Thanks to the individually configurable test programs, a fully automatic test plan can also be created for each product. As a classic 19" plug-in unit, the KT 1885L is ideal for use in automatic test systems. With the "voltage feedBack Measurement" extension, 100% High Voltage testing is also guaranteed.

		KT 1885L
		Rack device
High Voltage Test AC	Voltage Area Power Range Short Circuit Current	100 V - 5500 V 0 mA - 100 mA > 200 mA
High Voltage Test DC	Voltage Area Power Range Residual Ripple	100 V - 6000 V 0 mA - 100 mA < 3 % according to VDE 0432
Insulation Measurement DC	Voltage Area Measuring Range (voltage-dependent)	100 V - 6000 V 250 kΩ - 6 GΩ
ARC Detection (opt.)	Area	0 % - 100 %
Protective Conductor Test	Measuring Range Test Current AC	0 Ω - 10 Ω 1 A - 30 A
Substitute Leakage Current Test	Measuring Range Test Voltage AC	0 mA - 10 mA 100 V - 270 V
Continuity Test	Measuring Range	0 mA - 600 mA
Resistance Measurement	Measuring Range	0 Ω - 1 kΩ
Subjective Tests	Screen Step / Text-Step	Subjective or informative
Interfaces	Computer Interfaces Digital Interface 24 VDC Analogue Interfaces 10 VDC	2 x USB, RS 232, Ethernet / LAN, CAN 8 Input + 8 Output 2 x input + 1 x output
Operation	Touch for Input	10.1"-TFT colour display
Dimensions and Weight (approx.)	Height Width Depth Weight	222 mm 8.74 in 483 mm 19.02 in 491 mm 19.33 in 25 kg 55.12 lbs