

# Hipot Safety Analyser

## KT 1885K

The KT 1885K 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 1885K 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 1885K is ideal for use in automatic test systems. With the "voltage feedBack Measurement" extension, 100% High Voltage testing is also guaranteed.

		<b>KT 1885K</b>
		<b>Rack device</b>
<b>High Voltage Test AC</b>	Voltage Area Power Range Short Circuit Current	100 V - 5500 V 0 mA - 3 mA < 3 mA
<b>High Voltage Test DC</b>	Voltage Area Power Range Short Circuit Current Residual Ripple	100 V - 6000 V 0 mA - 10 mA < 12 mA < 3 % according to VDE 0432
<b>Insulation Measurement DC</b>	Voltage Area Measuring Range (voltage-dependent)	100 V - 6000 V 250 kΩ - 6 GΩ
<b>ARC Detection (opt.)</b>	Area	0 % - 100 %
<b>Protective Conductor Test</b>	Measuring Range Test Current AC	0 Ω - 10 Ω 1 A - 30 A
<b>Substitute Leakage Current Test</b>	Measuring Range Test Voltage AC	0 mA - 10 mA 100 V - 270 V
<b>Continuity Test</b>	Measuring Range	0 mA - 600 mA
<b>Resistance Measurement</b>	Measuring Range	0 Ω - 1 kΩ
<b>Subjective Tests</b>	Screen Step / Text-Step	Subjective or informative
<b>Interfaces</b>	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
<b>Operation</b>	Touch for Input	10.1"-TFT colour display
<b>Safety Current Limited</b>		Yes
<b>Dimensions and Weight (approx.)</b>	Height Width Depth Weight	222 mm   8.74 in 483 mm   19.02 in 491 mm   19.33 in 19 kg   41.89 lbs