

# DATA SHEET

## Multifunction safety tester **KT 1880B** / **LG 1800B**



Multifunction safety tester KT 1880B  
Plug-in 19" / 5 HU in housing



Multifunction safety tester LG 1800B  
Desktop device

<b>Description</b>	Multifunction tester with safety current limitation, high voltage test and insulation test. Potential-free, fully-electronic generators, extended voltage range supply 90 up to 250 V, 50 Hz / 60 Hz.	
<b>High voltage test AC</b>	Voltage range	100 up to 5,500 V
	Current range	0 up to 3 mA
	Short circuit current	< 3 mA
<b>High voltage test DC</b>	Voltage range	100 up to 6,000 V
	Current range	0 up to 10 mA
	Short circuit current	< 12 mA
	Residual ripple	< 3 %
<b>Insulation measurement DC</b>	Voltage range	100 up to 6,000 V
	Measuring range (voltage dependent)	250 kΩ up to 10 GΩ
	Residual ripple	< 3 %
<b>ARC detection</b>	Range	0 up to 100%
<b>Ground bond test</b>	Measuring range	0 up to 0.4 Ω
	Test current AC	10 up to 30 A
<b>Equivalent leakage current test</b>	Measuring range	0 up to 10 mA
	Test voltage AC	100 up to 270 V
<b>Continuity test</b>	Measuring range	0 up to 600 mA
<b>Function test</b>	Power consumption AC	4 A (option: 1 A, 10 A or 16 A)
<b>Subjective tests</b>	Text step	subjective or informative
<b>General Data</b>	Dimensions (HxWxD) and weight plug-in 19" / 5 HU: KT 1880B	222 x 483 x 491 mm / approx. 20.0 kg 8.7 x 19.0 x 19.3 in. / approx. 44.1 lbs.
	Dimensions (HxWxD) and weight desktop device: LG 1800B	233 x 380 x 450 mm / approx. 13.5 kg 9.2 x 15.0 x 17.7 in. / approx. 29.8 lbs.
	Mains supply	90 up to 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	4.3"-TFT colour display