

DATA SHEET

Line leakage tester AI 5601D



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Plug-in 19" / 4 HU in housing

Description	A line leakage tester is mainly (but not exclusively) necessary in medical technology. With this test the DUT in operation under voltage makes measurements which could not be performed without supply of the DUT. Additionally error simulations are necessary. The line leakage tester AI 5601D fully meets these requirements. Measured is the earth leakage current.	
Leakage current measurement	Voltage range	0 up to 250 V
	Measuring range 1 mA	0 up to 1 mA
	Measuring range 10 mA	0 up to 10 mA
DUT supply	Voltage	0 up to 250 V AC
	Current	5 A AC
Release current	Measuring range 1mA	0 up to 1 mA
	Measuring range 10 mA	0 up to 10 mA
Operating modes	Earth leakage current	
	Touch current	
	Simulation of first fault	
Technology	• Test device for earth leakage current and touch current	
	• Measurement circuit (according to European standards)	
	• Internal, potential-free source for the DUT supply	
	• Secondary-side detection of current and voltage	
General data	Dimensions (HxWxD) and weight	222 x 483 x 480 mm / approx. 18.0 kg 8.7 x 19.0 x 18.9 in. / approx. 39.7 lbs
	Mains supply	230 V / 50 Hz, option 115 V / 60 Hz
Operation	Adjustment button / switch	analogue instruments class 1.5