

S460+ Microhmmeter



FEATURES

High Resolution:0.01mΩ
Adopt Precision four-wire method
Current range : $\leq 2A$
Standard resistor to conduct accuracy test
Alarm function, alarm threshold setting range: 0.1 mΩ to 100.0 kΩ
Wire Length Test Function.



SPECIFICATIONS

Functions	The resistance of the connecting conductor between electrical equipment and the earth grid electrode;Contact resistance of circuit breakers, switches, and socket contacts; Resistors for current dividers, metal riveted resistors for vehicles, ships and aircraft; Resistance of electric welded joints;Battery parallel connection resistor;Resistance of bus bar and conductor joints in distribution boards;
Power	DC 7.4V 3Ah rechargeable lithium-ion battery, capable of performing approximately 300 measurements when fully charged
Test Current	2A max
Measurement Method	Adopt Precision four-wire method
Display	3.5-inch true color LCD
Measuring Range	0.01mΩ to 100kΩ
Resolution	0.01mΩ
Accuracy	0.01mΩ to 100mΩ $\pm 2\%$ ± 10 dgt
	100mΩ to 100kΩ $\pm 1.5\%$ ± 5 dgt
Lead Wire Length Test	L: ≤ 100 km
Standard Lead Wire Length	Standard lead wire length setting range: 1m~99m
Test Lead Ports	I+ current positive, I- current negative, V+ voltage positive, V- voltage negative
Test Duration	0.5 second per data set
Data Save	900 sets (data will not be lost when replacing the battery or power failure)
Alarm Setting	Alarm critical value range: 0.1mΩ to 100.0 kΩ. If the critical value is 0, the alarm function is not enabled. The alarm function is not enabled in future start-ups as well
Alarm Warning	When the measured value exceeds the pre-set value, an alarm "beep" will be emitted
Data Hold	Press HOLD to hold and save the data
Measure Wires	5m long, red and black each 1, 2 in total (double wire)
Dimension	207mmx101mmx45mm

Weight	Approx. 3.4 kg
Wire Voltage	Should be avoided
Overload Warning	When the measured value exceeds the measurable range of the instrument, the "OL" symbol will be displayed
Low Battery Warning	When the battery voltage is low, the low battery sign will be displayed, please charge the battery when possible
Ideal Working Conditions	-10°C to 40°C; below 80%RH
Ideal Storage Conditions	-10°C to 60°C; below 70%RH
Charging Port	USB port
Monitoring Software	Monitoring software can be connected through USB, saved data can be uploaded to a computer for saving and printing
Withstand Voltage	AC 3700V/RMS (between the front and back end of the housing)
Safety Standards	IEC61010-1, CAT III 600V, Pollution class 2, JJG724-1991, JJG166-1993, DLFT967-2005



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