

AMPTEC 720A SPECIFICATIONS SHEET



The AMPTEC 720A Micro-Ohmmeter is an affordable 7 range, 4-Wire Kelvin based product that is used to test electrical resistance on a wide variety of applications including winding resistance, contact resistance, and component testing. The 720A can form automated resistance measurements if our RS232C Interface is added to the product is known globally for its reliability and customization.

AMPTEC 720A MICRO-OHMMETER SPECIFICATIONS								
720A	RANGE	200mΩ	2.0Ω	20.0Ω	200.0Ω	2.0 KΩ	20.0KΩ	200.0KΩ
	TEST CURRENT	100mA	100mA	10mA	1mA	100uA	10uA	1uA
	RESOLUTION	10uΩ	100uΩ	1.0mΩ	10.0mΩ	0.1 Ω	1.0Ω	10.0Ω

AMPTEC 720A MICRO-OHMMETER GENERAL SPECIFICATIONS					
ACCURACY	200 mΩ: ± .02% of reading & .05% of range	TERMINAL	4-Wire Kelvin	OPEN CIRCUIT	~15 VDC
	2 - 200 KΩ: ± .02% of reading; ± .03% of range	MAX INPUT VOLTAGE	250 VDC	OPERATING TEMP.	0° to 50° C
MAX TEST CURRENT	100 mA Dc on 200 mΩ range	SIZE	9" x10"x3"	TEMP. COEFFICIENT	0.1 x Accuracy per C°
POWER	90 VAC/240 VAC 50-60 Hz	WEIGHT	4 lbs.	OVERLOAD	Flashes
DISPLAY	4 ½ digit LED	UPDATE	3/Sec		

AMPTEC 720A MICRO-OHMMETER ORDERING INFORMATION	
MODEL/SKU #	DESCRIPTION
720A COMMERCIAL	Micro-Ohmmeter, OP-110 Lead Pouch, OP-300 Leads, OP-403 Probes, N.I.S.T. Calibration Certificate
720A NSN PACKAGE	Micro-Ohmmeter, OP-110 Lead Pouch, OP-232 RS232C Interface, Autorange Feature, OP-300 Leads, OP-403 Probes, N.I.S.T. Calibration Certificate
720-BAT	Battery powered version of 720A meter
720-AC	AC power cord for the 720A meter (non-battery powered version)
720-DC	Battery charger for the 720A meter (battery powered version)
OP-100	Hard shell case for meter
OP-232	RS232C Interface
OP-290	Alligator clip test lead set
OP-300	Gold plated 4-Wire Kelvin clip leads
OP-302	5-way banana jack backed Kelvin clips
OP-401	Gold plated single tip Kelvin probes
OP-402	Surface mount Kelvin micro-probes
OP-403	Standard handheld Kelvin mini-probes

Please note that more options and lead/probe sets are available for this product. For further information, or customized products/probes/leads, contact our sales department.



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