



AMPTEC 620MC DATASHEET



The AMPTEC 620MC meter contains ranges from 20Ω to 2.0 MΩ. It is compatible with all of our 620-SERIES options, including our OP-232 RS232C Interface, OP-247 Optically Isolated Operating Power, and OP-519 Rack Mount Tray.

AMPTEC RESEARCH IS AN ISO 9001:2015 CERTIFIED ACCREDITED QUALITY MANAGEMENT COMPANY

AMPTEC 620MC IGNITER TESTER SPECIFICATIONS

RANGE	20 Ω	200 Ω	2 KΩ	200 KΩ	20 MΩ
NOMINAL CURRENT	5 mA	.5 mA	50 uA	0.5 uA	.010 uA
FAILSAFE CURRENT	8 mA	1.5 mA	150 uA	1.5 uA	.015 uA
RESOLUTION	1 mΩ	10 mΩ	100 mΩ	10 Ω	1 KΩ
ACCURACY	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	±.05% of reading & range	± 2% of reading, ± 0.2% of range

AMPTEC 620MC IGNITER TESTER GENERAL SPECIFICATIONS

TERMINAL	4-Wire Kelvin	WEIGHT	3 lbs.	OPERATING TEMP.	0° to 50° C
DISPLAY	4 ½ digit LED	SIZE	9.75" x 10" x 3.25"	STORAGE TEMP.	-10° ± 70° C
UPDATE	3 readings per second	MAX. INTERNAL VOLTAGE	4.8 VDC	TEMP. COEFFICIENT	± .002% per 15° C
POWER	Rechargeable, 4ea NICAD batteries (5 AHr)	OPEN CIRCUIT	1.6 VDC	MAX. INPUT VOLTAGE	250 VDC

AMPTEC 620MC IGNITER TESTER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION
620MC	Failsafe Ohmmeter, OP-300 Leads, N.I.S.T. Calibration Certificate, 620-DC Battery charger
OP-100	Meter transit/hard shell case
OP-110	Test lead storage pouch
OP-232	Optically isolated RS232C Interface
OP-247	Continuous Isolated power
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-403	Standard handheld Kelvin mini-probes
OP-519S	Single rack mount tray
620-BAT	Set of replacement/extra 4 NICAD D-cell batteries
620-DC	Battery charger for 620 SERIES products

For customized products, or probe/lead sets, contact our sales department. The above is not a complete list – we offer many more varieties of accessories and probe/lead sets.



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