



ATEQUIP



AMPTEC 620VL DATASHEET

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



The Amptec 620VL Failsafe Ohmmeter is used for testing squibs, explosive bridge wire, flares, and similar components. This product was specifically designed in the event the meter should fall or break, it remains "inert" or safe for ultra-safe testing. The 620VL comes standard with an RS232C interface and runs on 4 rechargeable NICAD batteries.

AMPTEC 620VL IGNITER TESTER SPECIFICATIONS

RANGE	2 K Ω	20 K Ω	200 K Ω	2 M Ω
NOMINAL CURRENT	50 μ A	5 μ A	0.5 μ A	0.05 μ A
FAILSAFE CURRENT	150 μ A	15 mA	1.5 μ A	0.15 μ A
RESOLUTION	0.1 $\mu\Omega$	1 Ω	10 Ω	100 Ω
ACCURACY	\pm .02% of reading, \pm .05% of range	\pm .02% of reading, \pm .05% of range	\pm .05% of reading & range	\pm 1% of reading, \pm 0.2% of range

AMPTEC 620VL 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° \pm 70° C
UPDATE	3 readings per second	MAX. INTERNAL VOLTAGE	4.8 VDC	TEMP. COEFFICIENT	\pm .002% per 15° C
POWER	Rechargeable, 4ea NICAD batteries (5 Ahr)	OPEN CIRCUIT	1.6 VDC	MAX. INPUT VOLTAGE	250 VDC

AMPTEC 620VL IGNITER TESTER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION	MSRP
620VL	Failsafe Ohmmeter, Kelvin Lead Set, NIST Cal Cert, 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-402	Surface mount Kelvin micro-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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Rev. 07-2019