AMPTEC 620VL DATASHEET

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 KΩ	20 KΩ	200 KΩ	2 MΩ
NOMINAL CURRENT	50 uA	5 uA	0.5 uA	0.05 uA
FAILSAFE CURRENT	150 uA	15 mA	1.5uA	0.15 uA
RESOLUTION	0.1 uΩ	1 Ω	10 Ω	100 Ω
ACCURACY	± .02% of reading, ± .05% of range	± .02% of reading, ± .05% of range	±.05% of reading & range	± 1% of reading, ± 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° ± 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 620VL IGNITER TESTER ORDERING INFORMATION	
MODEL/SKU #	**DESCRIPTION**
620VL	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-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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