



AMPTEC 620VL-T DATASHEET



Widest Available ranges from 20 ohms to 2.0 MegOhms


620VL-T Explosive Safety Igniter Tester

The AMPTEC 620VL-T meter is U.S.A.F. Non-Nuclear Munitions Safety Board approved and 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 620VL-T IGNITER TESTER SPECIFICATIONS					
RANGE	20 Ω	2 KΩ	20 KΩ	200 KΩ	2 MΩ
NOMINAL CURRENT	5 mA	50 uA	5 uA	0.5 uA	.05 uA
FAILSAFE CURRENT	8 mA	150 uA	15 uA	1.5 uA	.15 uA
RESOLUTION	1 mΩ	0.1 Ω	1 Ω	10 Ω	100 Ω
ACCURACY	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	±.05% of reading & range	± 1% of reading, ± 0.2% of range

AMPTEC 620VL-T 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-T IGNITER TESTER ORDERING INFORMATION		
MODEL/SKU #	DESCRIPTION	PRICE
620VL-T 	Failsafe Ohmmeter, OP-300 Leads, N.I.S.T. Calibration Certificate, 620-DC Battery charger	\$5,995.00
OP-100	Meter transit/hard shell case	\$175.00
OP-110	Test lead storage pouch	\$95.00
OP-232	Optically isolated RS232C Interface	\$895.00
OP-247	Continuous Isolated power	\$795.00
OP-290	Alligator clip test lead set	\$125.00
OP-300	Gold plated 4-Wire Kelvin clip leads	\$160.00
OP-302	5-way banana jack backed Kelvin clips	\$95.00
OP-401	Gold plated single tip Kelvin probes	\$160.00
OP-402	Surface mount Kelvin micro-probes	\$245.00
OP-403	Standard handheld Kelvin mini-probes	\$215.00
OP-519S	Single rack mount tray	\$425.00
OP-519D	Dual rack mount tray	\$795.00
620-BAT	Set of replacement/extra 4 NICAD D-cell batteries	\$175.00

For customized products, or probe/lead sets, contact our sales department.



Buy Test Equipment at Discount Prices
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