



AMPTEC 620LM SPECIFICATIONS SHEET



The AMPTEC 620LM Safety Igniter Tester is an ATE system dedicated portable digital ohmmeter specifically designed for ultra-safe resistance testing on squibs, igniters, flares, and other explosive devices. The 620LM provides ultra-safe measurements for THAAD related ordnance. With a built-in diode test capability, an RS232C Interface, and Optically Isolated Power, the 620LM will provide an effective measurement every time.

AMPTEC 620LM IGNITER TESTER SPECIFICATIONS						
620LM	RANGE	Diode	2 Ω	20 Ω	2 KΩ	20 MΩ
	NOMINAL CURRENT	.5 mA	5 mA	5 mA	50 uA	.01 uA
	FAILSAFE CURRENT	25 mA	8 mA	8 mA	150 uA	.015 uA
	RESOLUTION		100 uΩ	1 mΩ	100 mΩ	1 KΩ

AMPTEC 620LM IGNITER TESTER GENERAL SPECIFICATIONS					
ACCURACY	2 - 2 KΩ: ±.02% of reading & range	TERMINALS	4-wire Kelvin	OPEN CIRCUIT	1.6 VDC
	20 MΩ: ± 2% of reading; 0.2% of range	TEMP. COEFFICIENT	± .002% per 15° C	OPERATING TEMP.	0° to 50° C
		SIZE	9"x10"x3"	MAX INPUT VOLTAGE	250 VDC
POWER	Rechargeable 5Ahr NICAD batteries	WEIGHT	8 lbs.	MAX FAIL-SAFE	8 mA
DISPLAY	4 ½ digit LED	UPDATE	3/Sec	OVERLOAD	Flashes

AMPTEC 620LM IGNITER TESTER ORDERING INFORMATION		
MODEL/SKU #	DESCRIPTION	PRICE
620LM 	Igniter Tester, OP-232 RS232C Interface, OP-247 Optically Isolated Power, diode test, probe/lead set, N.I.S.T. Calibration Certificate	
OP-100	Meter transit/hard shell case	\$175.00
OP-290	Alligator clip test lead set	
OP-300	Gold plated 4-Wire Kelvin clip leads	\$160.00
OP-302	5-way banana jack backed Kelvin clips	
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	
620-DC	Battery Charger	
OP-110	Test lead storage pouch	\$95.00

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

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