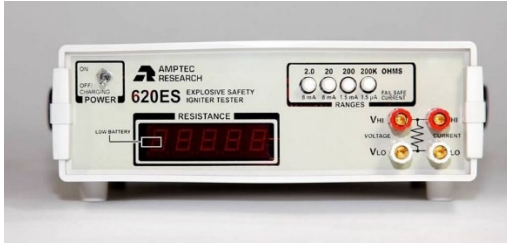




# ATEQUIP



## AMPTEC 620ES DATASHEET



The AMPTEC 620ES Safety Igniter Tester is a portable digital ohmmeter specifically designed for ultra-safe resistance testing on squibs, igniters, flares, and other explosive devices. The AMPTEC 620 series have inner circuitry that has been reviewed and approved by multiple U.S. Government Munitions Safety Boards, making the 620ES one of the safest Igniter Testers of its kind.

### AMPTEC 620ES IGNITER TESTER SPECIFICATIONS

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

### AMPTEC 620ES 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 620ES IGNITER TESTER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION	PRICE
620ES	Failsafe ohmmeter, OP-300 Leads, N.I.S.T. Calibration Certificate, 620-DC Battery charger	
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	\$95.00
620-DC	Battery charger for 620 SERIES products	\$125.00

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.

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



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