



# ATEQUIP



## AMPTEC 620A-4R DATASHEET



The AMPTEC 620A-4R Igniter Tester was originally designed for U.S. commercial aircraft maintenance, though it's now widely used and trusted by the U.S. armed forces. The 620A-4R contains the same inner circuitry as its ultra-safe predecessor the 620A-4, with the added bonus of protection in harsh environments, an internal Faraday cage for noise immunity, and a wide-viewing angled display. Ready to take on any climate, the 620A-4R is the durable Igniter Tester you've been searching for.

AMPTEC RESEARCH is an ISO 9001:2015 Certified Accredited Quality QMS Company


### AMPTEC 620A-4R IGNITER TESTER SPECIFICATIONS

RANGE	20 $\Omega$	200 $\Omega$	2 K $\Omega$	20 K $\Omega$
NOMINAL CURRENT	5 mA	50 $\mu$ A	5 $\mu$ A	0.5 $\mu$ A
FAILSAFE CURRENT	8 mA	1.8 mA	180 $\mu$ A	18 $\mu$ A
RESOLUTION	1 m $\Omega$	10m $\Omega$	.1 $\Omega$	10 $\Omega$
ACCURACY	$\pm$ .02% of reading & range	$\pm$ .02% of reading & range	$\pm$ .02% of reading & range	$\pm$ .02% of reading & range

### AMPTEC 620A-4R IGNITER TESTER GENERAL SPECIFICATIONS

TERMINAL	4-Wire Kelvin	WEIGHT	9.5 lbs.	OPERATING TEMP.	0° to 50° C
DISPLAY	4 ½ digit LED	SIZE	11.62" x 13.37" x 6"	STORAGE TEMP.	-10° $\pm$ 70° C
UPDATE	3 readings per second	MAX. INTERNAL VOLTAGE	4.8 VDC	TEMP. COEFFICIENT	$\pm$ .002% per 1° C
POWER	Rechargeable, 4ea NICAD batteries (5 AHR)	OPEN CIRCUIT	1.6 VDC	MAX. INPUT VOLTAGE	250 VDC

### AMPTEC 620A-4R IGNITER TESTER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION	PRICE
620A-4R 	Igniter Tester, customer's choice of probe/lead set, N.I.S.T. Calibration Certificate	\$5,695.00
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
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 have many more varieties of accessories and probe/lead sets.

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