



# 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.

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

<b>RANGE</b>	20 Ω	200 Ω	2 KΩ	20 KΩ
<b>NOMINAL CURRENT</b>	5 mA	50 uA	5 uA	0.5 uA
<b>FAILSAFE CURRENT</b>	8 mA	1.8 mA	180 uA	18 uA
<b>RESOLUTION</b>	1 mΩ	<b>10mΩ</b>	.1 Ω	10 Ω
<b>ACCURACY</b>	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range

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

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

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

MODEL/SKU #	DESCRIPTION	PRICE
<b>620A-4R</b>	Igniter Tester, customer's choice of probe/lead set, N.I.S.T. Calibration Certificate	
<b>OP-100</b>	Meter transit/hard shell case	<b>\$175.00</b>
<b>OP-110</b>	Test lead storage pouch	<b>\$95.00</b>
<b>OP-232</b>	Optically isolated RS232C Interface	<b>\$895.00</b>
<b>OP-247</b>	Continuous isolated power	<b>\$795.00</b>
<b>OP-290</b>	Alligator clip test lead set	<b>\$125.00</b>
<b>OP-300</b>	Gold plated 4-Wire Kelvin clip leads	<b>\$160.00</b>
<b>OP-302</b>	5-way banana jack backed Kelvin clips	<b>\$95.00</b>
<b>OP-401</b>	Gold plated single tip Kelvin probes	<b>\$160.00</b>
<b>OP-402</b>	Surface mount Kelvin micro-probes	<b>\$245.00</b>
<b>OP-403</b>	Standard handheld Kelvin mini-probes	<b>\$215.00</b>
<b>620-BAT</b>	Set of replacement/extra 4 NICAD D-cell batteries	<b>\$95.00</b>
<b>620-DC</b>	Battery charger for 620 SERIES products	<b>\$125.00</b>

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.



Buy Test Equipment at Discount Prices  
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