

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 620A-4R IGNITER TESTER SPECIFICATIONS

RANGE	20 Ω	200 Ω	2 K Ω	20 K Ω
NOMINAL CURRENT	5 mA	500 μ A	5 μ A	0.5 μ A
FAILSAFE CURRENT	8 mA	1.5 mA	150 μ A	15 μ A
RESOLUTION	1 m Ω	10 m Ω	100 m Ω	1 Ω
ACCURACY	\pm .02% of reading & range			

AMPTEC 620A-4R IGNITER TESTER GENERAL SPECIFICATIONS

TERMINAL	Banana jack binding posts	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	0.1 x accuracy 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
620A-4R	620A-4R Igniter Tester, customer's choice of probe/lead set, N.I.S.T. Calibration Certificate
OP-100	Meter transit/hard shell case
OP-110	Test lead storage pouch
OP-232	Optically isolated RS232C Interface
OP-247	Continuous Isolated power
OP-290	Alligator clip test lead set
OP-300	Gold plated 4-Wire Kelvin clip leads
OP-302	5-way banana jack backed Kelvin clips
OP-401	Gold plated single tip Kelvin probes
OP-402	Surface mount Kelvin micro-probes
OP-403	Standard handheld Kelvin mini-probes
620-BAT	Set of replacement/extra 4 NICAD D-cell batteries
620-DC	Battery charger for 620 SERIES products

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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