



ATEQUIP

AMPTEC 620A-4 DATASHEET



The 620A-4 Igniter Tester is a portable digital ohmmeter specifically designed for ultra-safe resistance testing on explosive devices. Approved by the USAF Non-nuclear Munitions Safety Board and compatible with our RS232C Interface (OP-232), this product is the safest and easiest to use in its field.

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

AMPTEC 620A-4 IGNITER TESTER SPECIFICATIONS

	20 Ω	200 Ω	2 KΩ	20 KΩ
RANGE	20 Ω	200 Ω	2 KΩ	20 KΩ
NOMINAL CURRENT	5 mA	.5 mA	50 uA	5 uA
FAILSAFE CURRENT	8 mA	1.5 mA	150 uA	20 uA
RESOLUTION	1 mΩ	10 mΩ	100 mΩ	1 Ω
ACCURACY	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range

AMPTEC 620A-4 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° to 70° C
UPDATE	3 readings per second	MAX. INTERNAL VOLTAGE	4.8 VDC	TEMP. COEFFICIENT	± .002% per 1° C
POWER	Rechargeable, 4ea NICAD batteries (5 Ahr)	OPEN CIRCUIT	1.6 VDC	MAX. INPUT VOLTAGE	250 VDC

AMPTEC 620A-4 IGNITER TESTER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION	PRICE
620A-4 COMM	Igniter Tester, OP-300 Leads, OP-401 Probes, OP-110 Lead Pouch, 620-DC Battery Charger, N.I.S.T. Calibration Certificate	
620A-4 NSN	Igniter Tester, OP-100 Transit Case, OP-290 Leads, OP-430 Adapter, 620-DC Battery Charger, N.I.S.T. Calibration Certificate	
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 offer many more varieties of accessories and probe/lead sets.



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Buy Test Equipment at Discount Prices
www.ATEquip.com
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