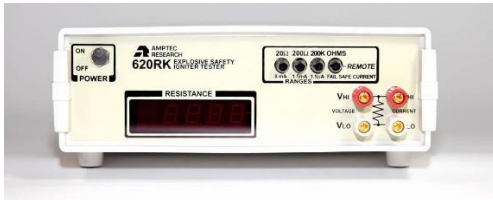




AMPTEC 620RK DATASHEET



The AMPTEC 620RK is a failsafe ohmmeter specifically designed for ultra-safe resistance testing on squibs, igniters, flares, and other explosive devices. With built-in Optically Isolated Power and our RS232C Interface, the 620RK can safely operate without batteries and send readings to any computer. This product is presently running in dozens of U.S. Anti-Ballistic Missile systems and is a trusted tool as certified by the U.S.A.F. Non-Nuclear Munition Safety Board.

AMPTEC 620RK IGNITER TESTER SPECIFICATIONS			
RANGE	20 Ω	200 Ω	200 KΩ
NOMINAL CURRENT	5 mA	.5 mA	.5 uA
FAILSAFE CURRENT	8 mA	1.5 mA	1.5 uA
RESOLUTION	1 mΩ	10 mΩ	10 Ω
ACCURACY	± .02% of reading & range	± .02% of reading & range	± .05% of reading & range

AMPTEC 620RK 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 620RK IGNITER TESTER ORDERING INFORMATION		
MODEL/SKU #	DESCRIPTION	PRICE
620RK	Igniter Tester, OP-232 RS232C Interface, OP-247 Optically Isolated Power, lead/probe set, 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
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	\$175.00

For customized products, or probe/lead sets, contact our sales department.

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



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