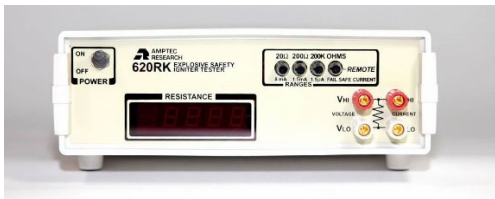


## AMPTEC 620RK DATASHEET



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			
<b>RANGE</b>	20 Ω	200 Ω	200 KΩ
<b>NOMINAL CURRENT</b>	5 mA	.5 mA	.5 uA
<b>FAILSAFE CURRENT</b>	8 mA	1.5 mA	1.5 uA
<b>RESOLUTION</b>	1 mΩ	10 mΩ	10 Ω
<b>ACCURACY</b>	± .02% of reading & range	± .02% of reading & range	± .05% of reading & range

AMPTEC 620RK IGNITER TESTER GENERAL SPECIFICATIONS					
<b>TERMINAL</b>	4-Wire Kelvin	<b>WEIGHT</b>	3 lbs.	<b>OPERATING TEMP.</b>	0° to 50° C
<b>DISPLAY</b>	4 ½ digit LED	<b>SIZE</b>	9.75" x 10" x 3.25"	<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 15° 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 620RK IGNITER TESTER ORDERING INFORMATION		
MODEL/SKU #	DESCRIPTION	PRICE
<b>620RK</b>	Igniter Tester, OP-232 RS232C Interface, OP-247 Optically Isolated Power, lead/probe set, N.I.S.T. Calibration Certificate	<b>\$6,295.00</b>
<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>OP-519S</b>	Single rack mount tray	<b>\$425.00</b>
<b>OP-519D</b>	Dual rack mount tray	<b>\$795.00</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 offer many more varieties of accessories and probe/lead sets.**



**AMPTEC RESEARCH**  
 T: (512) 858-4045 E: info@amptec.com  
 13231 Rooster Springs Rd., Austin, TX 78737  
[www.amptec.com](http://www.amptec.com)