

# AMPTEC 620BH DATASHEET



The Amptec 620BH Failsafe Ohmmeter was specifically designed in the event the meter should fall or break, it remains “inert” or safe for ultra-safe testing. The 620BH has an extremely wide range of resistance requirements and offers a fail-safe current limiting resistor network circuitry to ensure test currents cannot exceed 8 mA.

AMPTEC 620BH IGNITER TESTER SPECIFICATIONS				
<b>RANGE</b>	2 Ω	200 Ω	200 KΩ	20 MΩ
<b>NOMINAL CURRENT</b>	5 mA	.5 mA	0.5 uA	0.05 uA
<b>FAILSAFE CURRENT</b>	8 mA	1.5 mA	1.5uA	0.015 uA
<b>RESOLUTION</b>	100 uΩ	10 mΩ	10 Ω	1 KΩ
<b>ACCURACY</b>	± .02% of reading, ± .05% of range	± .02% of reading & range	±.05% of reading & range	± 2% of reading, ± 0.2% of range

AMPTEC 620BH IGNITER TESTER GENERAL SPECIFICATIONS					
<b>TERMINAL</b>	Banana jack binding posts	<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 620BH IGNITER TESTER ORDERING INFORMATION	
MODEL/SKU #	DESCRIPTION
<b>620BH</b>	Failsafe ohmmeter, OP-300 Leads, N.I.S.T. Calibration Certificate, 620-DC Battery charger
<b>OP-100</b>	Meter transit/hard shell case
<b>OP-110</b>	Test lead storage pouch
<b>OP-232</b>	Optically isolated RS232C Interface
<b>OP-247</b>	Continuous Isolated power
<b>OP-290</b>	Alligator clip test lead set
<b>OP-300</b>	Gold plated 4-Wire Kelvin clip leads
<b>OP-302</b>	5-way banana jack backed Kelvin clips
<b>OP-401</b>	Gold plated single tip Kelvin probes
<b>OP-402</b>	Surface mount Kelvin micro-probes
<b>OP-403</b>	Standard handheld Kelvin mini-probes
<b>OP-519S</b>	Single rack mount tray
<b>620-BAT</b>	Set of replacement/extra 4 NICAD D-cell batteries
<b>620-DC</b>	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 offer many more varieties of accessories and probe/lead sets.**



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