

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 insure test currents cannot exceed 8 mA. The 620BH operates off of rechargeable NICAD batteries up to 100 charges.

AMPTEC 620BH IGNITER TESTER SPECIFICATIONS

	2 Ω	200 Ω	200 KΩ	20 MΩ
RANGE	2 Ω	200 Ω	200 KΩ	20 MΩ
NOMINAL CURRENT	5 mA	.5 mA	0.5 uA	0.005 uA
FAILSAFE CURRENT	8 mA	1.5 mA	1.5uA	0.015 uA
RESOLUTION	100 uΩ	10 mΩ	10 Ω	1 KΩ
ACCURACY	± .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

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 620BH IGNITER TESTER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION	PRICE
620BH	Failsafe ohmmeter, OP-300 Leads, N.I.S.T. Calibration Certificate, 620-DC Battery charger	\$4,995.00
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
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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