

AMPTEC 620LK-HR DATASHEET



The AMPTEC 620LK-HR is the high resolution version of the 620LK. It is an affordable and highly accurate electrical bond tester. Additionally, the 620LK-HR has all the ranges of the standard 620LK, as well as both the lower 20 mΩ and higher 20 Ω ranges. Originally designed for Lockheed Martin, the 620LK product line comes from a long lineage of ultra-safe resistance testing equipment that now occupies a more commercialized space.

AMPTEC 620LK-HR BONDING OHMMETER SPECIFICATIONS

RANGE	20 mΩ	200 mΩ	2 Ω	20 Ω
NOMINAL CURRENT	1 A	100 mA	100 mA	10 mA
RESOLUTION	.001 mΩ	.01 mΩ	.1 mΩ	1 mΩ
ACCURACY	± .025% range	± .025% of range	± .025% of range	± .025% of range

AMPTEC 620LK-HR BONDING OHMMETER GENERAL SPECIFICATIONS

TERMINAL Trident	WEIGHT 3 lbs.	OPERATING TEMP. -20° to 50°C
DISPLAY 4 ½ digit LCD	SIZE 7.69" x 7.56" x 3"	STORAGE TEMP. -40° to 75°C
UPDATE 1 reading per 3 seconds	MAX. INTERNAL VOLTAGE 5 VDC	TEMP. COEFFICIENT ± .0025% per 1° C
POWER Internal rechargeable battery pack	OPEN CIRCUIT ~5 VDC	MAX. INPUT VOLTAGE 250 VDC

AMPTEC 620LK-HR BONDING OHMMETER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION
620LK-HR COMMERCIAL	620LK-HR Bonding Ohmmeter, 630-100 Padded Case, 630-406S Probes, HR-DC Battery Charger N.I.S.T. Calibration Certificate
HR-DC	Battery charger for the 620LK-hR meter
630-100	Padded case
630-300	Kelvin clip lead set
630-304	4-Wire banana jack test lead set
630-305	630-304G – 4-Wire banana jack test leads w/ Ground Twin single banana jack lead set
630-401	Single point handheld Kelvin probes
630-405K	10' heavy duty spiked Kelvin probes
630-405S	10' heavy duty spear Kelvin probes
630-406S	5' heavy duty spear Kelvin probes
630-407P	10' & 5' heavy duty spiked probes w/ spare tips
630-408J	10' heavy duty Kelvin clamp jaw probes

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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