

AMPTEC 620LK DATASHEET



The AMPTEC 620LK is an affordable, highly accurate, and intrinsically safe electrical bond tester. Originally designed for Lockheed Martin, the 620LK comes from a long lineage of ultra-safe resistance testing equipment. The 620LK is now the choice bond tester for many airline maintenance wings due to its UL-913 safety approval, durable yet light design, and ease of use.

AMPTEC 620LK BONDING OHMMETER SPECIFICATIONS

RANGE	200 mΩ	2 Ω
NOMINAL CURRENT	100 mA	100 mA
RESOLUTION	.01 mΩ	.1 mΩ
ACCURACY	± .05% of reading & range	± .05% of reading & range

AMPTEC 620LK 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	4ea AA 1.5 VDC alkaline batteries	OPEN CIRCUIT	~5 VDC	MAX. INPUT VOLTAGE	250 VDC

AMPTEC 620LK BONDING OHMMETER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION
620LK COMMERCIAL	Bond Tester, 630-100 Padded Case, 630-406S Probes, N.I.S.T. Calibration Certificate
620LK LM PACKAGE	Bond tester, 630-100 Padded Case, 630-405S Probes, 630-406S Probes, Spare Probe Tips, N.I.S.T. Calibration Certificate
600-PG	5' dual pistol grip probes
600-PROC	5' compass probe & dual point clamp
600-PROX2	Dual compass style probes
601-401C	5' twin single point current clamps & two voltage probes
630-300	Kelvin clip lead set
630-304	4-Wire banana jack test lead set
	630-304G – 4-Wire banana jack test leads w/ Ground
630-305	Twin single banana jack lead set
630-401	Single point handheld Kelvin probes
630-405K	10' heavy duty spiked 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
KIT8268	Set of 601-401C probes, 600-PROC probes, 600-PG probes, 600-PROx2 probes, and 630-403 probes in pelican case

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