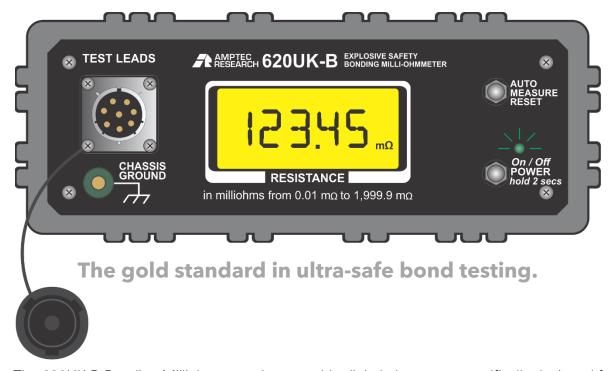
The AMPTEC 620UK-B Bonding Milliohmmeter



The 620UK-B Bonding Milliohmmeter is a portable digital ohmmeter specifically designed for ultra-safe electrical bond testing. The safety of our bond testers is both UL-913 Intrinsically Safe and MIL STD 810 MTD 511 certified for use in fuel-filled environments. Now thanks to our additional independent ISO 9001:2015 certification, you'll know that we have a proven track record of the highest quality manufacturing standards.

The AMPTEC 620UK-B offers extremely accurate measurements at a realistic price point. We worked in tandem with Lockheed Martin to ensure a flawless design that fulfills aerospace maintenance wing needs. The 620UK-B is portable, weighing around 3 lbs., and conveniently locks your measurement on its display to allow for hands-free use. It's also compatible with a range of lead/probe sets and runs off widely available AA Duracell batteries.

The 620UK-B is part of a long lineage of intrinsically safe resistance testing equipment. We have over 20 years' experience creating highly accurate equipment that's built to last a lifetime. Every AMPTEC product is proudly made from start to finish in the USA and comes with a one-year warranty, plus an N.I.S.T calibration certificate with data at no extra cost.





AMPTEC RESEARCH CORP.

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The AMPTEC 620UK-B Bonding Milliohmmeter Datasheet

Model 620UK-B Range, Resolution, Accuracy, & Current Levels

Range	200 m Ω	2 Ω	
Nominal Current	100 mA	100 mA	
Resolution	0.01 m Ω	$0.10~\text{m}\Omega$	
Accuracy	± 0.05% of reading & range	± 0.05% of reading & range	

Model 620UK-B General Specifications

Display 4 ½ digit LCD display	Dimensions		
Input Voltage 250 VDC maximum	Internal Voltage 6 VDC maximum		
Low Battery Display shows LO BAT	Open Circuit 5 VDC		
Overrange Indication Display shows >>>OR	Terminal Male 5-pin trident connector		
Temperature Coefficient \pm 0.0025% per 1° C	Temperature Limit (Operating) 0° to 50° C		
Temperature Limit (Storage)40° to 75° C	Update Rate 3 readings per second		
Weight (Unit Only)	Weight (Unit In Case) 4 lbs.		

Model 620UK-B Power Specifications

Batteries 4ea AA 1.5 VDC alkaline batteries	Battery Brand Duracell MN1500
Battery Box F.O.D. resistant aluminum	

See the following page for a complete list of ordering information and compatible accessories.





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AMPTEC 620UK-B Bond Tester Ordering Information

The below is a comprehensive list of every available AMPTEC brand accessory that is compatible with the 620UK-B Bond Tester. Please contact us for pricing or questions about ordering a custom accessory.

General 620UK-B Ordering Information

SKU	Description		
620UK-B NSN PACKAGE	Bond tester, 630-100 padded case, 630-406S probes, N.I.S.T. cal	ibration certificate	
620UK-B Compatible Accessories			
SKU	Description	Notes	
311-TRI	Trident to Reynolds connector adapter		
600-PC	Pelican case with custom die cut foam for test lead storage		
600-PG	5' Dual pistol grip probe set		
600-PRO	5' Compass probe & Kelvin jaw/clamp set		
600-PROX2	5' Dual compass probe set		
630-BNC	Trident to BNC connector adapter		
630-100	Padded case for 620UK-B meter	One is provided with unit upon purchase	
600-401C	5' Dual single point Kelvin probe & dual Kelvin jaw/clamp set		
630-300	5' Gold plated Kelvin clip lead set		
630-304	4-Wire banana jack test lead set (for unit calibration)		
630-304G	Version of 630-304 lead set with ground terminal		
630-305	Twin single banana jack test lead set		
630-309	5' Leads with junction box		
630-310	5' Leads with open termination (to install your own custom ends)	
630-401	Single point handheld Kelvin probes		
630-PG-401	Pistol grip version of 630-401 probe set		
630-403	5' Mini spear probe set		
630-403R	Version of 630-403 probe set with round tips		
630-405K	10' Spiked Kelvin probe set		
630-405S	10' Spear Kelvin probe set		
630-406S	5' heavy duty spear Kelvin probes	One is provided with unit upon purchase	
630-408J	10' Kelvin jaw/clamp lead set		
KIT8268	Set of 601-401C probes, 600-PROC probes, 600-PG probes, 600-PROX2 probes, and 630-403 probes in a heavy-duty pelican case		