

## AMPTEC 620UK SPECIFICATIONS SHEET



The AMPTEC 620UK Safety Ohmmeter is a portable EEX digital ohmmeter for ultra-safe resistance testing in explosive and volatile atmospheres. The 620UK's ultra-safe design allows it to comply with the EU ATEX Directive, the Intrinsic Safety Standard Eex-9b-IIc-T4, and USA MIL STD 810 as well as many other international defense standards. For testing of squibs or explosive bridge-wire, the AMPTEC 620UK is a clear choice for munitions experts both domestically and internationally.

## AMPTEC 620UK SAFETY OHMMETER SPECIFICATIONS

620UK	RANGE	2.0 Ω	20.0 Ω	200 Ω	2.0 KΩ	20.0 KΩ	200 KΩ	2.0 MΩ
	NOMINAL CURRENT	5 mA	5 mA	.5mA	50μA	5 μA	.05 μA	50μA
	FAILSAFE CURRENT	8 mA	8 mA	1.5mA	150μA	15μA	1.5μA	15nA
	RESOLUTION	100 mΩ	1.0 mΩ	10 mΩ	100 mΩ	1.0 Ω	10 Ω	100 Ω

## AMPTEC 620UK SAFETY OHMMETER GENERAL SPECIFICATIONS

ACCURACY	2.0Ω rang, ±0.02% of reading , ±0.05% range	TERMINALS	2-Wire	OPEN CIRCUIT	<1.4 volts
	20Ω - 20KΩ: ± .02% of reading & range	ACC. TEMP. RANGE	25° ± 10° C	OPERATING TEMP.	-20° - 40° C
	200 KΩ: ±.05% of reading & range	SIZE & WEIGHT	7 x8"x3" 8 lbs.	MAX INPUT VOLTAGE	250 VDC
	2 MΩ: ± 1.0% of reading, ± 0.2% of range	POWER	1.5V Alkaline	MAX FAIL-SAFE	8 mA
DISPLAY	4 ½ digit LCD	UPDATE	3/Sec	OVERLOAD	Flashes

## AMPTEC 620UK SAFETY OHMMETER ORDERING INFORMATION

MODEL/SKU #	DESCRIPTION	PRICE
620UK	Safety Ohmmeter, Padded Case, customer's choice of probe/lead set, N.I.S.T. Calibration Certificate	\$5,995.00
620UK-V4*	4-Wire Version of the Safety Ohmmeter, Padded Case, customer's choice of probe/lead set, N.I.S.T. Calibration Certificate	\$5,995.00
630-300	Kelvin clip lead set	\$245.00
630-304	4-Wire banana jack test lead set	\$215.00
	<b>630-304G</b> – 4-Wire banana jack test leads w/ Ground	\$265.00
630-305	Twin single banana jack lead set	\$245.00
630-401	Single point handheld Kelvin probes	\$245.00
630-405K	10' heavy duty spiked Kelvin probes	\$365.00
630-405S	10' heavy duty spear Kelvin probes	\$365.00
630-406S	5' heavy duty spear Kelvin probes	\$245.00
630-407P	10' & 5' heavy duty spiked probes w/ spare tips	\$695.00
630-408J	10' heavy duty Kelvin clamp jaw probes	\$345.00
620-BAT	Set of replacement/extra 4 NICAD D-cell batteries	\$175.00
630-300	Kelvin clip lead set	\$245.00

\*The above probe/lead sets are not compatible with the 620UK-V4 version of the product.  
For customized products, or probe/lead sets, contact our sales dept.



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