



AMPTEC 640N SPECIFICATIONS SHEET




The AMPTEC 640N was designed for military ordnance programs as a ruggedized Igniter Tester. With multiple safety approvals, a durable/waterproof yet compact case, self-contained DC milliammeter and test resistors, and a shielded Faraday cage design, the 640N is the safest and most self-aware product of its kind.

AMPTEC RESEARCH IS AN ISO 9001:2015 CERTIFIED ACCREDITED QUALITY MANAGEMENT COMPANY

AMPTEC 640N IGNITER TESTER SPECIFICATIONS					
640N	RANGE	20 Ω	2000 Ω	200 KΩ	2 MΩ
	NOMINAL CURRENT	5 mA	50 uA	.5 uA	.05 uA
	FAILSAFE CURRENT	8 mA	150 uA	1.5uA	.15 uA
	RESOLUTION	1 mΩ	10 Ω	10 Ω	100 Ω

AMPTEC 640N IGNITER TESTER GENERAL SPECIFICATIONS					
ACCURACY	20 - 200 KΩ: ± .02% of reading & range	TERMINAL	Trident	OPEN CIRCUIT	1.6 VDC
	2 MΩ: ± 1% of reading; ± .2% of range	MAX INPUT VOLTAGE	250 VDC	OPERATING TEMP.	0° to 50° C
FAIL-SAFE CURRENT	20 Ω: 8mA	SIZE & WEIGHT	9" x10"x3"; 8 lbs.	TEMP. COEFFICIENT	± .002% per 15° C
	2000 Ω: 150 uA	POWER	Recharge, 5AH NICAD	OVERLOAD	Flashes
	200 KΩ: 1.5 uA				
2 MΩ: .15 uA	UPDATE	3/Sec			
DISPLAY	4 ½ digit LED				

AMPTEC *Model* *Model descript* ORDERING INFORMATION		
MODEL/SKU #	DESCRIPTION	PRICE
640N 	Igniter Tester, 630-304 Leads, N.I.S.T. Calibration Certificate	
630-300	Kelvin clip lead set	\$245.00
630-304	4-Wire banana jack test lead set	\$215.00
	630-304G – 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
630-BAT	Set of replacement/extra 4 NICAD D-cell batteries	\$215.00
630-DC	Slimline battery charger	\$215.00

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.

