

## AMPTEC 641N DATASHEET



The 641N Igniter Tester is a portable digital ohmmeter specifically designed for ultra-safe resistance testing on explosive devices. The 641N is 40% lighter, more compact, and smarter than its predecessor the 640N.

AMPTEC 641N IGNITER TESTER SPECIFICATIONS							
<b>RANGE</b>	2 Ω	20 Ω	200 Ω	2 KΩ	20 KΩ	200 KΩ	2 MΩ
<b>NOMINAL CURRENT</b>	5 mA	5 mA	0.5 mA	50 uA	5 uA	0.5 uA	50 nA
<b>FAILSAFE CURRENT</b>	8 mA	8 mA	1.50 uA	150 uA	15 uA	1.5 uA	15 nA
<b>RESOLUTION</b>	100 uΩ	1 mΩ	10 mΩ	100 Ω	1 Ω	10 Ω	100 Ω
<b>ACCURACY</b>	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range	± 1% of reading, & ± 0.2% of range

AMPTEC 641N IGNITER TESTER GENERAL SPECIFICATIONS					
<b>TERMINAL</b>	Trident	<b>WEIGHT</b>	6.5 lbs.	<b>OPERATING TEMP.</b>	0° to 50° C
<b>DISPLAY</b>	4 ½ digit LED	<b>SIZE</b>	10.62" x 9.68" x 4.87"	<b>STORAGE TEMP.</b>	-10° to 70° C
<b>UPDATE</b>	3 readings per second	<b>MAX. INTERNAL VOLTAGE</b>	4.8 VDC	<b>TEMP. COEFFICIENT</b>	± .002% per 1° C
<b>POWER</b>	Rechargeable, 4ea NICAD batteries (5 Ahr)	<b>OPEN CIRCUIT</b>	1.6 VDC	<b>MAX. INPUT VOLTAGE</b>	250 VDC

AMPTEC 641N IGNITER TESTER ORDERING INFORMATION		
MODEL/SKU #	DESCRIPTION	PRICE
<b>641N</b>	Igniter Tester, 630-305 Leads, N.I.S.T. Calibration Certificate	<b>\$7,995.00</b>
<b>630-300</b>	Kelvin clip lead set	<b>\$245.00</b>
<b>630-304</b>	4-Wire banana jack test lead set	<b>\$215.00</b>
<b>630-305</b>	Twin single banana jack lead set	<b>\$245.00</b>
<b>630-401</b>	Single point handheld Kelvin probes	<b>\$245.00</b>
<b>630-405K</b>	10' heavy duty spiked Kelvin probes	<b>\$365.00</b>
<b>630-405S</b>	10' heavy duty spear Kelvin probes	<b>\$365.00</b>
<b>630-406S</b>	5' heavy duty spear Kelvin probes	<b>\$245.00</b>
<b>630-407P</b>	10' & 5' heavy duty spiked probes w/ spare tips	<b>\$695.00</b>
<b>630-408J</b>	10' heavy duty Kelvin clamp jaw probes	<b>\$345.00</b>
<b>630-BAT</b>	Set of replacement/extra 4 NICAD D-cell batteries	<b>\$215.00</b>
<b>630-dc</b>	Slimline battery charger	<b>\$215.00</b>

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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