

# AMPTEC 630ES DATASHEET



The AMPTEC 630ES was designed for military ordnance programs as a ruggedized Igniter Tester. This product was designed with the same internal circuitry as its predecessor, the 620ES meter. With multiple safety approvals, a durable/waterproof yet compact case, self-contained DC milliammeter and test resistors, and a shielded Faraday cage design, the 630ES is among the safest and most self-aware product of its kind.

AMPTEC 630ES IGNITER TESTER SPECIFICATIONS				
<b>RANGE</b>	2 Ω	20 Ω	200 Ω	200 KΩ
<b>NOMINAL CURRENT</b>	5 mA	5 mA	50 uA	.5 uA
<b>FAILSAFE CURRENT</b>	8 mA	8 mA	1.5 uA	1.5 uA
<b>RESOLUTION</b>	100 uΩ	1 mΩ	10 mΩ	10 Ω
<b>ACCURACY</b>	± .02% of reading, ± .05% of range	± .02% of reading & range	± .02% of reading & range	± .02% of reading & range

AMPTEC 630ES IGNITER TESTER GENERAL SPECIFICATIONS					
<b>TERMINAL</b>	Trident	<b>WEIGHT</b>	10 lbs.	<b>OPERATING TEMP.</b>	0° to 50° C
<b>DISPLAY</b>	4 ½ digit LED	<b>SIZE</b>	11.5" x 13.5" x 6"	<b>STORAGE TEMP.</b>	-10° ± 70° C
<b>UPDATE</b>	3 readings per second	<b>MAX. INPUT VOLTAGE</b>	250 VDC	<b>TEMP. COEFFICIENT</b>	± .002% per 15° C
<b>POWER</b>	Rechargeable, 4ea NICAD batteries (5 Ahr)	<b>OPEN CIRCUIT</b>	1.6 VDC	<b>OVERLOAD</b>	Flashes

AMPTEC 630ES IGNITER TESTER ORDERING INFORMATION	
MODEL/SKU #	DESCRIPTION
<b>630ES</b>	Failsafe ohmmeter, 630-304 Leads, N.I.S.T. Calibration Certificate, 630-DC Battery charger
<b>630-300</b>	Kelvin clip lead set
<b>630-304</b>	4-Wire banana jack test lead set
<b>630-305</b>	Twin single banana jack lead set
<b>630-401</b>	Single point handheld Kelvin probes
<b>630-405K</b>	10' heavy duty spiked Kelvin probes
<b>630-405S</b>	10' heavy duty spear Kelvin probes
<b>630-406S</b>	5' heavy duty spear Kelvin probes
<b>630-407P</b>	10' & 5' heavy duty spiked probes w/ spare tips
<b>630-408J</b>	10' heavy duty Kelvin clamp jaw probes
<b>630-BAT</b>	Set of replacement/extra 4 NICAD D-cell batteries
<b>630-DC</b>	Slimline battery charger

**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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