

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				
RANGE	2 Ω	20 Ω	200 Ω	200 KΩ
NOMINAL CURRENT	5 mA	5 mA	50 uA	.5 uA
FAILSAFE CURRENT	8 mA	8 mA	1.5 uA	1.5 uA
RESOLUTION	100 uΩ	1 mΩ	10 mΩ	10 Ω
ACCURACY	± .02% of reading, ± .05% of range	± .02% of reading & range	± .02% of reading & range	± .05% of reading & range

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

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