

AMPTEC 641RS DATASHEET



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

AMPTEC 641RS IGNITER TESTER SPECIFICATIONS								
RANGE	2 Ω	20 Ω	200 Ω	2 KΩ	20 KΩ	200 KΩ	2 MΩ	20 MΩ
NOMINAL CURRENT	5 mA	5 mA	1 mA	100 uA	10 uA	1 uA	.1 uA	.01 uA
FAILSAFE CURRENT	8 mA	8 mA	1.5 mA	150 uA	15 uA	1.5 uA	.15 uA	.015 uA
RESOLUTION	0.1 mΩ	1 mΩ	10 mΩ	0.1 Ω	1 Ω	10 Ω	100 Ω	1 K Ω
ACCURACY	± .05% of reading & range	± .02% of reading & range	± .05% of reading & range	± 1% of reading, & ± 0.2% of range	± 2% of reading, & ± 0.2% of range			

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

AMPTEC 641RS IGNITER TESTER ORDERING INFORMATION	
MODEL/SKU #	DESCRIPTION
641RS	Igniter Tester, 630-305 Leads, N.I.S.T. Calibration Certificate
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
630-406S	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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