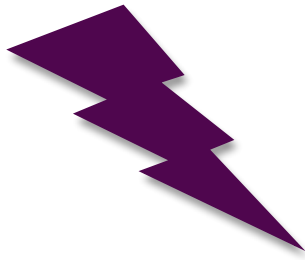


ERIS



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Honesty In Instrumentation

Prima EMC Model ISO7637-TP1 2a

ISO 7637-2 Pulse 1a, 1b, 2a

The Model ISO7637-TP1 2a Automotive Transient Generator is designed for testing to the ISO 7637-2

Specification. The instrument is designed for ease of use via the large 7 inch easy to read and navigate color touch screen. Built in test standards allow for immediate testing while user defined routines are just a tap away via the touch screen. The ISO7637-TP1 2a is built for ruggedness and longevity with quality and dependability being first and foremost.

The ISO7637-TP1 2a simulates Pulse 1 transients due to supply disconnection from inductive loads. It applies to a DUT used in a vehicle that remains connected directly in parallel with an inductive load. In addition Pulse 2a transients are simulated which are due to the sudden interruption of currents in a device connected in parallel with the DUT that are a result of the inductance of the wiring harness.



Specifications

	Pulse 1a	Pulse 1b	Pulse 2a
EUT Power Supply	12 vdc, 50 amps	24 vdc, 50 amps	12/24 vdc, 50 amps
Pulse Voltage	0 to -660 volts		0 to +660 volts
Rise Time	1 μ s at Ri 10 Ω	3 μ s at Ri 50 Ω	1 μ s at Ri 2 Ω
Pulse Interval Time	0.3 to 99.99s		0.1 to 99.99s
Pulse Count	1 to 9999		
Source Impedance	2 Ω , 4 Ω , 10 Ω , 30 Ω , 50 Ω		
Pulse Duration	50us, 200us, 300us, 500us, 1ms, 2ms		
Primary Power	110 volts ac to 220 volts ac, 50/60 Hz		
Size	450 x 430 x 175 mm		
Remote Interface	USB GPIB		
Display	7" Touchscreen, Color		