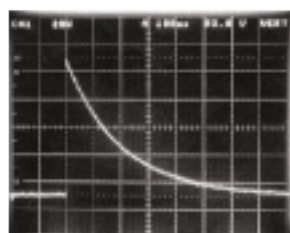


AUTOMOTIVE TRANSIENT SURGE SIMULATOR

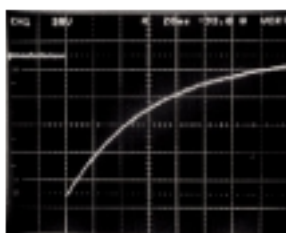
MODEL JSS-001/002/003

Conforming to JASO D001-94

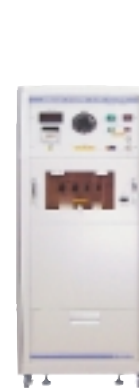
JSS series simulator has been developed to test the immunity of electronic equipment for automobiles against the transient voltage surge on the basis of the General Rules of the Environmental Testing Methods JASO (Japanese Automobile Standards Organization) D001-94 published by the Society of Automotive Engineers of Japan, Inc. The resistance capacity of electronic equipment against transient voltage surge, which may be generated in power circuits and cause malfunctions, can be easily checked with JSS series simulator.



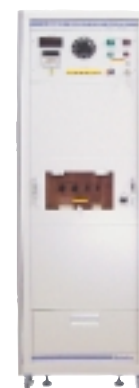
Type A-1
 τ : 200ms
 V: 20V/Div
 H: 100ms/Div



Type B-1
 τ : 60ms
 V: 20V/Div
 H: 20ms/Div



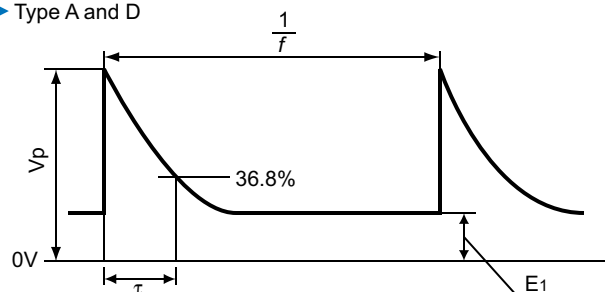
JSS-001/002



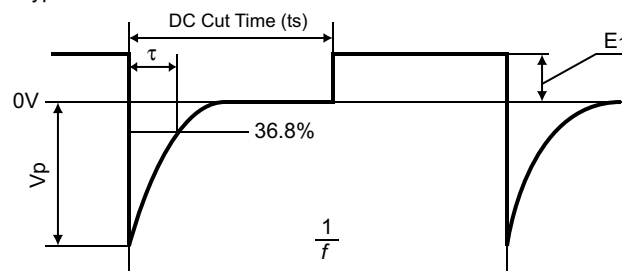
JSS-003

● Voltage waveforms

▶ Type A and D



▶ Type B and E



● Specifications

Parameters	Model	JSS-003					
	JSS-001				JSS-002		
D001-94 Type of Test	A-1	A-2	B-1	B-2	D-1	D-2	E
Output voltage (Vp)	0~100V	0~150V	0~100V	0~320V	0~150V	0~200V	0~400V
Decaying time constant (τ)	200ms	2.5μs	60ms	2ms	400ms	2.5μs	26ms
Output impedance	0.8Ω	0.4Ω	8Ω	80Ω	1.5Ω	0.9Ω	210Ω
DC Cut time (ts)	-	-	300ms	10ms	-	-	120ms
Time from 0V to Vp	<1μs						
Repetition time (1/f)	30s						
Number of pulses	1~999,999 (Set by a 6-digit preset counter)						
Output channel	1 channel						
Voltage display	3-digit 7-segment						
EUT power capacity	DC50V/10A max						
Power supply	AC 100V (or a customer specified between AC100~240V), 50/60Hz						
Operating temperature	0~40 °C						
Dimensions	JSS-001/002: (W)555 x (H)1500 x (D)790mm JSS-003: (W)555 x (H)1800 x (D)790mm						
Weight	JSS-001/002: Approx. 160kg, JSS-003: Approx. 200kg						