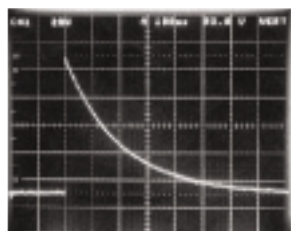


AUTOMOTIVE TRANSIENT SURGE SIMULATOR

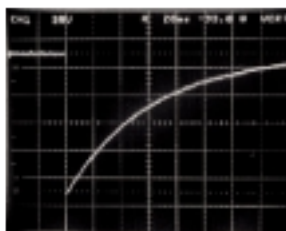
MODEL JSS-001/002/003

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



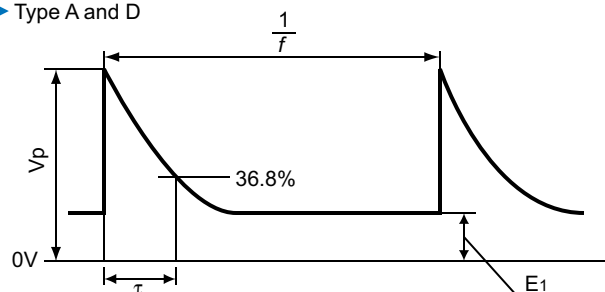
JSS-001/002



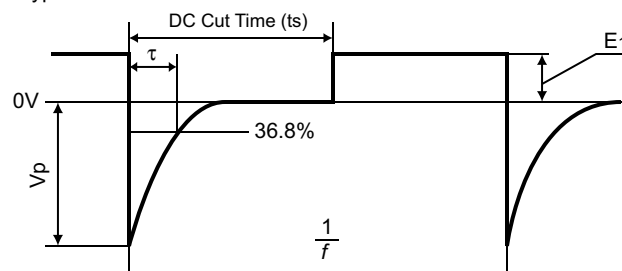
JSS-003

● 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	2.5 μ s	60ms	2ms	400ms	2.5 μ s	26ms
Output impedance		0.8 Ω	0.4 Ω	8 Ω	80 Ω	1.5 Ω	0.9 Ω	210 Ω
DC Cut time (ts)		-	-	300ms	10ms	-	-	120ms
Time from 0V to Vp		<1 μ s						
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						

● Designs and specifications are subject to change without notice.