

■ FS SERIES Electrodynamic Shock Test System

Model		FS-1022/05	FS-1240B/13	FS-1040B/19
Configuration	Shock Generator	905-SH/10	912-SH/12	922-SH/10
	Power Amplifier	366A-0503-S05	367A-0606-1/S	367A-0604-1/S
	Control System	271-C(260-B)	271-C	271-C
Specification	Shock Force	4. 9kN _{0-p} (500kgf _{0-p})	13. 72kN _{0-p} (1400kgf _{0-p})	19. 62kN _{0-p} (2000kgf _{0-p})
	Maximum Acceleration	608m/s ² (62G) at 2kg load	980m/s ² (100G) at 5kload	980m/s ² (100G) at 10kg load
	Maximum Displacement	100mm _{0-p}	120mm _{0-p}	100mm _{0-p}
	Maximum Velocity	±2. 2m/s	±4. 0m/s	±4. 0m/s
	Maximum Velocity Change	4. 4m/s	6m/s	6m/s
	Power Consumption	9kVA	30kVA	33kVA
Shock Generator	Maximum Payload	10kg	10kg	10kg
	Amature mass	6kg(including table)	9kg(including table)	10kg(including table)
	Table Dimensions	250W×280D mm	250W×280D mm	200W×200D mm
	Table Screw	36-M6 depth 9	36-M6 depth 9	16-M6 depth 9
	Outline Dimensions	620W×920D×610Hmm mm	760W×1200D×810H mm	900W×1260D×930H mm
	Mass	450kg	860kg	1470kg
Power Amplifier	Outline Dimensions	630W×891D×1912H mm	1220W×956D×2150H mm	1830W×956D×2150H mm
	Mass	390kg	1000kg	1500kg

Model		FS-2078B/29	FS-3055B/15	FS-3050B/22
Configuration	Shock Generator	922-SH/20H	922-SH/30H	922-SH/30
	Power Amplifier	367A-0606-4/S	367A-0606-2/S	367A-0606-2/S
	Control System	271-C	271-C	271-C
Specification	Shock Force	29. 43kN _{0-p} (3000kgf _{0-p})	15. 69kN _{0-p} (1600kgf _{0-p})	22. 07kN _{0-p} (2250kgf _{0-p})
	Maximum Acceleration	2451m/s ² (250G) at 2kgload	980m/s ² (100G) at 5kg load	980m/s ² (100G) at 4kg load
	Maximum Displacement	200mm _{0-p}	300mm _{0-p}	300mm _{0-p}
	Maximum Velocity	±7. 8m/s	±5. 5m/s	±5. 0m/s
	Maximum Velocity Change	10m/s	7m/s	6m/s
	Power Consumption	97kVA	50kVA	56kVA
Shock Generator	Maximum Payload	10kg	10kg	10kg
	Amature mass	6kg(including table)	11kg(including table)	11kg(including table)
	Table Dimensions	200W×200D mm	200W×200D mm	200W×200D mm
	Table Screw	16-M8 depth 8	16-M6 depth 9	16-M6 depth 9
	Outline Dimensions	900W×1460D×950H mm	900W×1660D×990H mm	900W×1660D×990H mm
	Mass	1680kg	1900kg	1900kg
Power Amplifier	Outline Dimensions	2440W×956D×2150H mm	1830W×956D×2150H mm	1830W×956D×2150H mm
	Mass	2500kg	1500kg	1500kg

Model		FS-3093B/30H	FS-5080/16	FS-60160/20
Configuration	Shock Generator	922-SH/30H	950-SH	960-SH
	Power Amplifier	367A-0606-5/S	367A-0606-2/S	367A-0606-3/S
	Control System	271-C	271-C	271-C
Specification	Shock Force	29.43kN _{0-p} (2957kgf _{0-p})	15.69kN _{0-p} (1600kgf _{0-p})	19.61kN _{0-p} (2000kgf _{0-p})
	Maximum Acceleration	1870m/s ² (190G) at 4kg load	980m/s ² (100G) at 2kg load	980m/s ² (100G) at 2kg load
	Maximum Displacement	300mm _{0-p}	500mm _{0-p}	600mm _{0-p}
	Maximum Velocity	±9.3m/s	±6.0m/s	±10.0m/s
	Maximum Velocity Change	16m/s	8m/s	16m/s
	Power Consumption	115kVA	64kVA	100kVA
Shock Generator	Maximum Payload	5kg	5kg	5kg
	Amature mass	11.5kg(including table)	14kg(including table)	18kg(including table)
	Table Dimensions	200W×200D mm	200W×200D mm	200W×200D mm
	Table Screw	16-M8 depth 8	16-M6 depth 9	16-M6 depth 9
	Outline Dimensions	900W×1660D×990H mm	1180W×2446D×1215H mm	1180W×2469DH×1215H mm
	Mass	1900kg	3400kg	3520kg
Power Amplifier	Outline Dimensions	3660W×956D×2150H mm	1830W×956D×2150H mm	2444W×975D×1956H mm
	Mass	3000kg	1500kg	2900kg