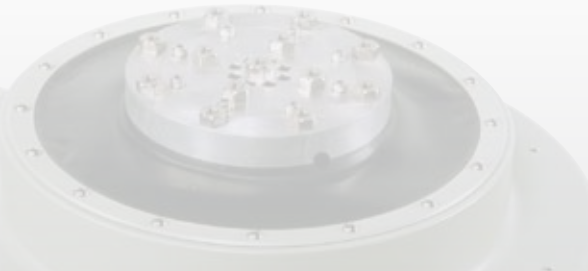


# FV Series Vibration Testing System

Ultra High Speed



The FV series system responds to shock test conditions;  
Shock Pulse Duration 11 ms & Level 980 m/s<sup>2</sup> (100 G)

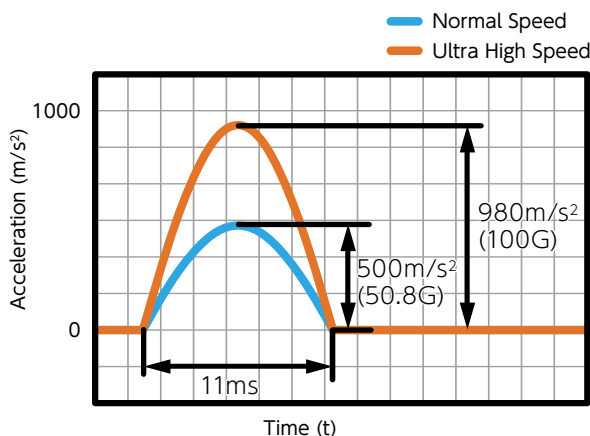
※The vibration controller is mounted in the console rack. (Optional)

## FV Series Specifications

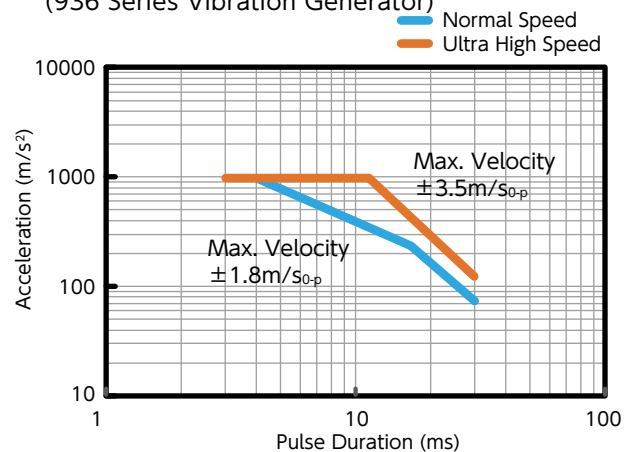
Model		FV-15K/100	FV-26K/100	FV-35K/100	FV-60K/100	
Rated Force	Sine	kNo-p	15.6	26.0	35.0	60.0
	Random	kNrms	15.6	26.0	35.0	60.0
	Shock (6ms)	kNo-p	46	68	90	150
	Shock (11ms)	kNo-p	46	68	90	150
	Frequency range	Hz	to 2000	to 2000	to 2000	to 2000
Max. accel. (Sine)	m/s <sup>2</sup>	636	765	833	750	
Max. accel. (Shock)	m/s <sup>2</sup>	1470(★2)	1470(★2)	1470(★2)	1470(★2)	
Max. velocity. (Sine)	m/s	2.0	2.0	2.0	1.8	
Max. velocity. (Shock)	m/s	3.6	3.5	3.5	3.5	
Max. displacement	mm <sub>p-p</sub>	100	100	100	100	
Max. payload (Sine)	kg	200(300)(★1)	200(300)(★1)	200(300)(★1)	200	
Max. payload (Shock)	kg	22	35	50	73	
Input power	kVA	31.6	43.6	68.1	148.7	
Armature Mass	kg	24.5	34.0	42.0	80.0	
Allowable offset load	Nm	500	500	500	500	
Cooling method		Air-cooled	Air-cooled	Air-cooled	Air-cooled	
Model	Vibration Generator	916-AW/SLS	926-AW/SLS	936-AW/SLS	960-AW/SLS	
	Power Amplifier	369A-1212-16SLS	368A-1212-26SLS	368A-2016-36SLS	368A-3027-60SLS	
	Console Rack	CRD-2000W-16SLS	CRD-2000T-26SLS	CRD-2000T-36SLS	CRD-2000Q-60SLS	
	Armature Size	mm	φ230	φ270	φ330	φ430
Size	Vib. Generator	mm	974W×1035H×700D	1106W×1135H×880D	1225W×1200H×965D	1452W×1297H×1231D
	Power Amplifier	mm	1108W×2009H×1010D	1662W×2009H×1010D	1662W×2009H×1010D	2216W×2009H×1010D
	Blower	mm	707W×1681H×908D	707W×1681H×908D	869W×1856H×1094D	869W×2016H×1147D
Mass approx.	Vib. Generator	kg	1300	2500	3400	5000
	Power Amplifier	kg	800	1150	1300	2000
	Blower	kg	220	220	325	400

※ Input power specification is for 3φ AC200 V 50/60 Hz.  
 ※ Lower limit frequency should be determined by a performance of an available vibration control system.  
 (★1) We will customize per your instructions. (★2) Not a theoretical value, for limiting the maximum acceleration.

■ Duration: 11 ms, peak acceleration: 980 m/s<sup>2</sup>



■ Peak acceleration: 980 m/s<sup>2</sup>  
 Maximum Rated Shock Excitation Capability  
 (936 Series Vibration Generator)



※This performance curve is how you look at each system for comparison.