



SPECIFICATIONS		15-1S	15-1S-HP	35-2S	69-2.2S	
		units				
Table Size	m	1.0 x 1.0	1.0 x 1.0	2.0 x 2.0	2.2 x 2.2	
	in	39.4" x 39.4"	39.4" x 39.4"	78.7" x 78.7"	86.6" x 86.6"	
Minimum Simulation Frequency Range	Hz	>0-200	>0-400	>0-200	>0-200	
Rated Payload	Kg	500	400	500	1000	
	Lb	1102	880	1102	2205	
Actuator Peak Force (standard moment arm)	KN	15.4	15.4	34.5	69	
	Kip	3.5	3.5	7.8	15.5	
Linear Displacement (total Pk-Pk)	Longitudinal (X)	mm	94	94	220	220
		in	3.7	3.7	8.66	8.66
	Lateral (Y)	mm	82.8	82.8	250	250
		in	3.26	3.26	9.84	9.84
	Vertical (Z)	mm	80.8	80.8	345	345
		in	3.18	3.18	13.6	13.6
Angular Displacement (total Pk-Pk)	Roll	deg	13.8	13.8	18.8	18.8
	Pitch	deg	12.6	12.6	20.9	20.9
	Yaw	deg	11.4	11.4	12.4	12.4
Linear Acceleration (bare table)	Longitudinal (X)	+ - g	19.4	13.0	11.0	10.2
	Lateral (Y)	+ - g	16.3	14.0	11.0	13.6
	Vertical (Z)	+ - g	14.3	15.0	13.5	13.5
Linear Acceleration (at Rated Payload)	Longitudinal (X)	+ - g	4.2	6.3	7.2	7.2
	Lateral (Y)	+ - g	5.8	6.4	7.2	7.6
	Vertical (Z)	+ - g	6.3	9.7	9.5	10.8

Notes:

1. All linear and angular motion values are based on a single degree of freedom movement at or around the table top center.
2. Acceleration values are peak values and may not be achievable throughout the entire frequency range.
3. Maximum performance is achievable with a solid steel payload with a Center of Gravity mounted within 1m of the X-Y radius of the table center.
4. All performance parameters are estimates based on design considerations and are subject to change at any time.  
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5. Interpretation and use of the data are the sole responsibility of the user.