

MAVS - Multi Axis Vibration System

(Other multi axis systems available upon request.)

SYSTEM	MAST	CUBE 1		CUBE 2		CUBE 3		TENSOR
Table Dimensions Top Surface Side Surface Table Mass Table first frequency	1.5m x 2.1m N/A 1136kg 250Hz	Standard 0.81x0.81m 0.81x0.51m 450kg 350Hz	Long Stroke 0.81x0.81m 0.81x0.61m 590kg 350Hz	Standard 0.81x0.81m 0.81x0.51m 450kg 350Hz	Long Stroke 0.81x0.81m 0.81x0.61m 590kg 350Hz	Standard 0.81x0.81m 0.81x0.51m 450kg 350Hz	Long Stroke 0.81x0.81m 0.81x0.61m 590kg 350Hz	0.2m x 0.2m N/A 4.1 kg 2030Hz
Operational Frequency Range Test Frequency range Max Frequency - Peak Force Max Recommended payload	0-200Hz 0-100Hz 650 kg	0-250Hz 0-250Hz 136kg	0-250Hz 0-250Hz 136kg	0-250Hz 0-130Hz 450kg	0-250Hz 0-130Hz 450kg	0-250Hz 0-250Hz 450kg	0-250Hz 0-250Hz 450kg	10-3,000Hz 10-3,000Hz 4.0kg
Translation Performance Vertical Displacement Velocity Acceleration (With max payload) Force/Axis	150mm 1.5m/sec 8.4 g 147kN	45mm 0.4m/sec 2.1 g 13kN	96mm 0.4m/sec 1.5 g 13kN	45mm 0.96m/sec 6.0 g 62kN	96mm 0.96m/sec 5.1 g 62kN	45mm 0.96m/sec 6.0 g 62kN	96mm 0.96m/sec 5.1 g 62kN	13mm 1500mm/sec 10g 900N
Lateral Displacement Velocity Acceleration (With max payload) Force/Axis	150mm 1.5m/sec 5.6 g 98kN	45mm 0.4m/sec 2.0 g 13kN	45mm 0.4m/sec 1.9 g 13kN	45mm 0.96m/sec 3.2 g 62kN	45mm 0.96m/sec 2.7 g 62kN	45mm 0.96m/sec 3.2 g 62kN	45mm 0.96m/sec 3.3 g 62kN	13mm 1500mm/sec (60in/sec) 10g 900N
Longitudinal Displacement Velocity Acceleration (With max payload) Force/Axis	150mm 1.1m/sec 3.8 g 67kN	45mm 0.4m/sec 3.0 g 13kN	45mm 0.4m/sec 2.5 g 13kN	45mm 0.96m/sec 5.2 g 62kN	45mm 0.96m/sec 4.0 g 62kN	45mm 0.96m/sec 5.2 g 62kN	45mm 0.96m/sec 4.0 g 62kN	12.5mm 1500mm/sec 10g 900N
Rotational Performance Roll Displacement Pitch Displacement Yaw Displacement	+/-8.5 degs +/-6.8 degs +/-8.5 degs	+/-6 degs +/-6 degs +/-6 degs	+/-4 degs +/-4 degs +/-6 degs	+/-6 degs +/-6 degs +/-6 degs	+/-4 degs +/-4 degs +/-6 degs	+/-6 degs +/-6 degs +/-6 degs	+/-4 degs +/-4 degs +/-6 degs	+/- 5.0 degs +/- 5.0 degs +/- 5.0 degs
Head Expanders Available CEH-48 Dimensions CEH-60 Dimensions	NA NA NA NA	1.2 m x 1.2 m 1.5 m x 1.5 m		1.2 m x 1.2 m 1.5 m x 1.5 m		1.2 m x 1.2 m 1.5 m x 1.5 m		NA NA NA NA
Thermal Protection Standard With Thermal barriers Heat Load At -40C At 121C	4C to 65C -40C to 121C 0 kW 0 kW	4C to 65C -40C to 121C 5.9kW -3.5kW		4C to 65C -40C to 121C 5.9kW -3.5kW		4C to 65C -40C to 121C 5.9kW -3.5kW		4C to 65C -40C to 121C 0 kW 0 kW

Note: * Team Corporation also manufactures Bi Axial Systems - for sequential and simultaneous vibration.