

ASLI Vibration test system



Vibration test system

Application:

We are manufacturer of electrical vibration series products, adopted the 'double-magnetic circuit structure', 'self-generated skeleton action circles', 'Airborne Support' and 'roller bearings and linear guidance', 'trunnion isolation' advanced modern technology and special technology, can be completed in X, Y, Z three-axis sinusoidal vibration test and broadband random vibration tests, to be completed by the classical (half - sine, trapezoidal, sawtooth wave) pulse and shock response spectrum test. High Frequency Vibration Tester widely used in national defense, weapons, aviation, aerospace, communications, electronics, electrical appliances, communications, home appliances and other fields.

Features:

1. Well-designed dynamic circle skeleton, with a higher stage axial resonance frequency.
2. Two-magnetic circuit, magnetic flux leakage low, compact structure and rational.
3. Rocker Rod roller bearings straight and import-oriented composite body stiffness orientation, eccentric load capacity.
4. Trunnion isolation foundation dedicated to hormone use, the installation of mobile convenience.
5. Advanced technology move around the system to ensure that the dynamic circle of high reliability.
6. New duct design and enhance the cooling effect.
7. Static stiffness, dynamic stiffness of the bearing small balloon, raising the vibration table bearing capacity, improve low-frequency performance.

Technical Parameters:

Model	Rated Sine Force (N)	Rated Random Force (N)	Frequency Range (Hz)	Rated Acceleration (m/s ²)	Rated Speed (m/s)	Rated Replacement (p-p)mm	Max. Loading (Kg)	moving coil (Kg)	Dimension of Moving coil (mm)
ES - 1	1000	1000	3-3500	400	1.2	25	70	2.5	Φ150
ES - 2	2000	2000	3-3500	800	1.6	25	70	2.5	Φ150
ES - 2a	2000	2000	3-3500	300	1.6	40	70	8	Φ230
ES - 3	3000	3000	3-3500	1000	1.6	25	100	3.5	Φ150
ES - 3a	3000	3000	3-3500	400	1.6	40	120	9	Φ230
ES - 6	6000	6000	3-3500	1000	1.6	25	180	6.5	Φ230
ES - 6a	6000	6000	3-3500	1000	1.6	51	250	12	Φ230
ES - 10	10000	10000	3-3000	1000	1.8	51	270	14	Φ240
ES - 20	20000	20000	3-3000	1000	1.8	51	300	30	Φ320
ES - 30	30000	30000	3-2800	1000	1.8	51	450	40	Φ450
ES - 40	40000	40000	3-2800	1000	1.8	51	500	50	Φ450
ES - 50	50000	50000	3-2700	1000	1.8	51	750	50	Φ450
ES - 60	60000	60000	3-2700	1000	1.8	51	750	60	Φ450
ES - 100	100000	100000	3-2500	1000	1.8	51	1000	90	Φ450
ES - 120	120000	120000	3-2200	1000	1.8	51	1100	90	Φ500
ES - 160	160000	160000	3-2100	1000	1.8	51	1500	150	Φ600
ES - 200	200000	200000	3-2000	1000	1.8	51	2500	200	Φ650
ES - 350	350000	350000	3-1700	1000	1.8	51	4500	300	Φ870

Horizontal Bench:

Features:

Within small loading bench to realize higher acceleration and working frequency, to improve the loading capacity and performance of whole machine bench. Horizontal bench and vibration bench are integral type, with perfect structure, convenience to install and adjust. Static pressure track, V-shape, with capacity of slope-resistant and bias-loading resistant. Built-in oil pump, good structure and easy operating.

Technical Parameters:

Model	Bench Size (mm)	Frequency Range (Hz)	Weight of Moving Parts (kg)
LT0303	300x300x22	5-1000	6.6
	300x300x26	5-1500	7.8
	300x300x30	5-2000	9.0
LT0404	400x400x22	5-1000	11.2
	400x400x26	5-1400	13.2

	400x400x30	5-2000	16.0
LT0505	500x500x25	5-1000	19.3
	500x500x30	5-1500	23.1
	500x500x35	5-2000	27.0
LT0606	600x600x25	5-1000	27.5
	600x600x30	5-1200	33.0
	600x600x40	5-2000	45
LT0707	700x700x25	5-800	36.8
	700x700x30	5-1000	44.2
	700x700x35	5-1500	52
LT0808	800x800x30	5-1000	57.7
	800x800x40	5-1500	76.9
	800x 800x45	5-2000	86.5
LT 1010	1000x 1000x30	5-1000	89.1
	1000x 1000x40	5-1300	118.8
	1000x 1000x50	5-1500	147
LT 1212	1200x 1200x30	5-800	126
	1200x 1200x40	5-1100	168
	1200x 1200x50	5-1400	210

Vertical Extended-bench:

Features:

VT vertical extended-

bench and specified clamps, precision calculated, elaborate design, to ensure the customer acquired the best performance according to perfect structure, high quality material and workmanship.

Technical Parameters:

Model	Weight (kg)	Max. Frequency (Hz)	Bench Size
VT300	10	2000	Φ300
VT400	16	2000	Φ400
VT500	25	1500	Φ500
VT600	35	1000	Φ600
VT0303	15	2000	300x300
VT0404	22	1500	400x400
VT0505	30	500	500x500
VT0606	58	350	600x600
VT0808	140	350	800x800
VTI010	180	350	1000x1000
VT1212	250	350	1200 x 1200

VT1212 (Round bench)	220	350	Φ1200
----------------------	-----	-----	-------