

High Frequency vibration tester Product Description

Model	Rated Sine Force (N)	Rated Random	Force (N)	Frequency Range (Hz)	Rated Acceleration (m/s ²)	Rated Speed (m/s)	Rated displacement (p-p) mm	Max. Loading (Kg)	moving coil (Kg)
ES-3	3000	3000	3-3500	1000	1.6	25	100	3.5	Φ 150
ES-3a	3000	3000	3-3500	400	1.6	40	120	9	Φ 230
ES-6	6000	6000	3-3500	1000	1.6	25	180	6.5	Φ 230
ES-6a	6000	6000	3-3500	1000	1.6	51	250	12	Φ 230
ES-10	10000	10000	3-3000	1000	1.8	51	270	14	Φ 240
ES-20	20000	20000	3-3000	1000	1.8	51	300	30	Φ 320
ES-30	30000	30000	3-2800	1000	1.8	51	450	40	Φ 450
ES-40	40000	40000	3-2800	1000	1.8	51	500	50	Φ 450
ES-50	50000	50000	3-2700	1000	1.8	51	750	50	Φ 450



High Frequency Electromagnetic Z Axis Direction Shaking Tester/Vibration Tester is used to educational, research, and laboratory environments. 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, saw tooth wave) pulse and shock response spectrum test. These products are widely used in national defense, weapons, aviation, aerospace, communications, electronics, electrical appliances, communications, home appliances and other fields.



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Features:

- 1 The careful design of the moving coil skeleton, has higher first-order axial resonant frequency
- 2 Light armature, high stiffness, 3500 Hz frequency.
- 3 Computer connecting line control, immediately store materials.
- 4 Display controlling chart.
- 5 Low resistance and high performance design, high efficiency, low cost.
- 6 High reliability, low fault.

For Vertical Expander:

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.

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	300×300
VT0404	22	1500	400×400
VT0505	30	500	500×500
VT0606	58	350	600×600
VT0808	140	350	800×800
VT1010	180	350	1000×1000
VT1212	250	350	1200 × 1200
VT1212 (Round bench)	220	350	Φ1200

For Horizontal Expander:

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.

Model	Bench Size (mm)	Frequency Range (Hz)	Weight of Moving Parts (kg)
LT0303	300×300×22	5-1000	6.6
	300×300×26	5-1500	7.8
	300×300×30	5-2000	9.0
LT0404	400×400×22	5-1000	11.2
	400×400×26	5-1400	13.2
	400×400×30	5-2000	16.0
LT0505	500×500×25	5-1000	19.3
	500×500×30	5-1500	23.1
	500×500×35	5-2000	27.0
LT0606	600×600×25	5-1000	27.5
	600×600×30	5-1200	33.0
	600×600×40	5-2000	45
LT0707	700×700×25	5-800	36.8
	700×700×30	5-1000	44.2
	700×700×35	5-1500	52



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