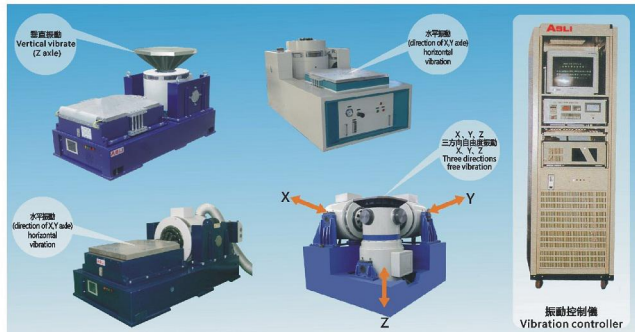


## 電磁式高頻振動試驗機 High Frequency Vibration Tester



(Z 軸方向) 垂直振動 (Vertical vibrate (Z axle))  
(X, Y 軸方向) 即水平振動 (direction of X, Y axle) horizontal vibration

### 產品簡述:

本公司生產的電動振動系列產品，採用“雙磁路結構”“自生成骨架動圈”“氣囊支撐”“直線軸承和滾輪導向”“耳軸懸架”等現代先進技術和專用工藝，可分別完成 X, Y, Z 軸的正弦振動試驗和寬頻隨機振動試驗，可完成縱橫（半正弦、梯形、後峰截波）脈衝和衝擊響應試驗。

### Product's introduction:

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, after the serrated peaks) pulse and shock response spectrum test. These products widely used in national defense, weapons, aviation, aerospace, communications, electronics, electrical appliances, communications, home appliances and other fields.

### 特點:

- 精心設計的動圈骨架，具有較高的一階軸向共振頻率。
- 雙磁路，漏磁低，結構緊湊、合理。
- 拖帶滾杆和進口直線軸承的組合導向機構，導向剛度大，備載能力強。
- 耳軸懸架勿用專用地腳，安裝移動方便。先進的動圈繞制工藝，保證了動圈的高可靠性。
- 新型的風道設計，增強冷卻效果。
- 剛度大，動圈度小的承載氣囊，提高振動圈的承載能力，改善低頻性能。

### Features:

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

## 高頻振動臺技術參數： Technical Parameters of High Frequency Vibration Tester:

型號 Model	額定正弦 推力(N) Rated Sine Force(N)	額定隨機 推力(N) Rated Random Force(N)	頻率範圍 (Hz) Frequency Range (Hz)	額定加速度 (m/s <sup>2</sup> ) Rated Acceleration (m/s <sup>2</sup> )	額定速度 (m/s) Rated Speed (m/s)	額定位移 (p-p/mm) Rated Displacement (p-p/mm)	最大負載 Max. Loading (Kg)	運動部件 淨重(Kg) Moving coil(Kg)	運動部件 尺寸(mm) 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-5	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

### 水平滑臺性能特點:

- 以較小的載重（臺面）質量實現較大的加速度和較高的工作頻率，提高整體負載能力及性能。
- 與振動臺一體設計（整體式），剛性好，安裝調試方便。
- V形靜壓導軌，抗傾覆和抗偏載能力強。
- 內置式供油泵，結構緊湊、操作方便。

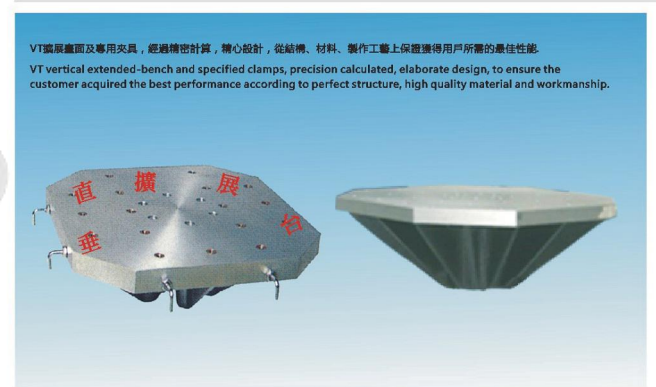
### Horizontal Stand Feature:

- 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.

### 水平滑臺技術指標 Technical Parameters of Horizontal Bench:

型號 / Model	臺面尺寸 (mm) Bench Size (mm)	頻率範圍(Hz) Frequency Range (Hz)	運動部件重量(kg) 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
	400×400×22	5-1000	11.2
LT0404	400×400×26	5-1400	13.2
	400×400×30	5-2000	16.0
	500×500×25	5-1000	19.3
LT0505	500×500×30	5-1500	23.1
	500×500×35	5-2000	27.0
	600×600×25	5-1000	27.5
LT0606	600×600×30	5-1200	33.0
	600×600×40	5-2000	45
	700×700×25	5-800	36.8
LT0707	700×700×30	5-1000	44.2
	700×700×35	5-1500	52
	800×800×30	5-1000	57.7
LT0808	800×800×40	5-1500	76.9
	800×800×45	5-2000	86.5
	1000×1000×30	5-1000	89.1
LT 1010	1000×1000×40	5-1500	118.8
	1000×1000×50	5-1500	147
	1200×1200×30	5-800	126
LT 1212	1200×1200×40	5-1100	160
	1200×1200×50	5-1400	210

## 垂直擴展臺面性能特點： Vertical Extended-bench Features:



VT 垂直擴展臺面及專用夾具，經過精密計算，精心設計，從結構、材料、製作工藝上保證獲得用戶所屬的最佳性能。  
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.

### 垂直擴展臺面技術指標 Technical Parameters of Vertical Bench:

型號 Mode	重量 (kg) Weight (kg)	上限頻率 (Hz) Max. Frequency (Hz)	臺面尺寸 (mm) Bench Size (mm)
VT300(圓)	10	2000	Φ300
VT400(圓)	16	2000	Φ400
VT500(圓)	25	1500	Φ500
VT600(圓)	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(圓)	250	350	1200×1200
VT1212(圓形覆面) (Round bench)	220	350	Φ1200