

## High Frequency vibration tester Product Description

| Model        | Rated Sine Force (N) | Rated Random | Force (N)     | Frequency Range (Hz) | Rated Acceleration (m/s <sup>2</sup> ) | 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            |
| <b>ES-10</b> | <b>10000</b>         | <b>10000</b> | <b>3-3000</b> | <b>1000</b>          | <b>1.8</b>                             | <b>51</b>         | <b>270</b>                  | <b>14</b>         | <b>Φ 240</b>     |
| 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.



**® AI SI LI (CHINA) TEST EQUIPMENT CO., LTD**

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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       |

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