



# High Frequency Vibration Tester

-----the vibration force can be customized

| 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               | 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             |
| <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>Φ240</b>      |
| 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             |

## 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                          |

**Pictures for Reference:**

