## **ASLI SS Acceleration Mechanical Shock Tester**



# **Acceleration Mechanical Shock Tester**

## Application:

Acceleration Mechanical Shock Tester is mainly used for small products for impact test, to assess the product's ability to withstand shock damage. It is often used in electronic components, electronic circuit boards and other environmental testing.

#### Features:

- 1. Built-in self-protection device, no secondary impact,
- 2. Shock height controlled by digital
- 3. Good repeatability test data
- 4. Signal generator provides a variety of choice: half sine wave, trapezoidal wave, sawtooth wave, square wave, etc.
- 5. Good vibration isolation performance, impact on the environment can control within the scope of the requirements:
- 6. Good Safety performance.
- 7. Conform to the IEC, MIL, GJB, JIS, ASTM and other international and domestic standard shock waves;

### **Technical Parameters:**

| Model                   |                   | SS-5      | SS-10     | SS-25     | SS-50    | SS-100   | SS-200   | SS-400   |
|-------------------------|-------------------|-----------|-----------|-----------|----------|----------|----------|----------|
| Max. Load Capacity (Kg) |                   | 5         | 10        | 25        | 50       | 100      | 200      | 400      |
| Bench Size (mm)         |                   | 120×120   | 200×200   | 350×350   | 450×450  | 650×650  | 750×750  | 850x850  |
| Accelerat               | Half Sine<br>Wave | 150~15000 | 150~15000 | 150~15000 | 150~6000 | 150~6000 | 150~3500 | 150~1500 |
| shock                   | Trapezoid         | 300~1000  | 300~1000  | 300~1000  | 300~1000 | 300~1000 | 300~1000 | 300~500  |

| peak               | Wave              |                      |           |                 |             |             |             |             |  |  |
|--------------------|-------------------|----------------------|-----------|-----------------|-------------|-------------|-------------|-------------|--|--|
| value(m/s          | Sawtooth W<br>ave | 150~1000             | 150~1000  | 150~1000        | 150~1000    | 150~1000    | 150~1000    | 150~500     |  |  |
|                    | Half Sine<br>Wave | 0.5~18               | 0.6~18    | 0.8~25          | 1.5~30      | 1.5~30      | 2~30        | 6~30        |  |  |
| Pulse              | Trapezoid<br>Wave | 6~12                 | 6~12      | 6~18            | 6~12        | 6~12        | 6~12        | 6~12        |  |  |
| width              | Sawtooth W ave    | 6~18                 | 6~18      | 6~18            | 6~18        | 6~18        | 6~18        | 6~18        |  |  |
| Drive Mode         |                   | Mechanical           | drive     | Hydraulic drive |             |             |             |             |  |  |
| External Dimension |                   | 800x2200x            | 800x2200x | 850x2250x       | 1000x2600x1 | 1100x2700x1 | 1300x2700x1 | 1300x2700x1 |  |  |
| WxHxD (mm)         |                   | 900                  | 900       | 950             | 300         | 400         | 600         | 650         |  |  |
| WEIGHT (Kg)        |                   | 600                  | 700       | 900             | 2600        | 3300        | 4000        | 4500        |  |  |
| Hydraulic Oil      |                   | No #46 hydraulic oil |           |                 |             |             |             |             |  |  |
| Power              |                   | AC380V, 3∮ 5 lines   |           |                 |             |             |             |             |  |  |