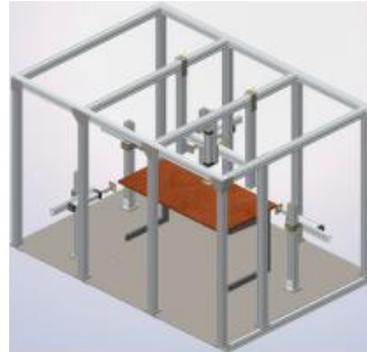


Product Presentation



Application

This tester is used for testing the mechanical properties of tables and desks. Can perform the horizontal static load and durability test, vertical static load and impact test.

Principle:

The test instrument applies the four horizontal air cylinder (with the specified force value) on the four sides of the sample. After a certain number of times of repeating loop, we check if there is any damage on the specimen structure, function and other aspects. So as to understand the product performance and defects and provide reference for improved products.

Feature:

- 1.The machine adopts frame structure design. The frame is made of high quality industrial aluminum, beautiful and generous.
- 2.The frame adjustment part of the tester adopts pulley structure design. Can easily adjust the loading position to adapt to different specifications of the sample. Positioning handle makes the positioning easier and improve the efficiency.
- 3.The bottom fixed block is free to adjust the position to accommodate different specifications of the sample.
- 4.PLC controller to control the actions of the instrument; the operation is intuitive and simple.
- 5.Using the precision pressure regulating valve to adjust the pressure to change the loading force value; high precision force sensor sense the force value immediately; each load group adjusts the control individually; the loading force is stable and reliable.
- 6.Removable loading pad, can easily change the different loading pad to meet the different test requirements.

Standards

EN1730 , EN527-3, EN581-3, GB/T 10357.1

Key Specification

| | | |
|----------------------|--|--------|
| Model | GT-LD09 | |
| Frame space | 2.5x2.5x2m(Other configurations available on application) | |
| Testing times | 0-999999(can be adjustment) | |
| Control method | PLC control | |
| Load cell range | 3KN | |
| Power supply | 1Φ, AC 220V | |
| Standard Accessories | Horizontal loading device | 4 sets |
| | Vertical loading device | 2 set |
| | Impact device | 1 set |
| | GT-LB01-5 Local loading pad | 6 pcs |
| | Stoppers | 4 pcs |
| Optional accessories | GT-LB01-3 Smaller seat loading pad | 2 pcs |
| | 75mm*75mm Loading pad | 4 pcs |
| | 100kg Disc superimposed weight | 1set |
| | Φ300MM Loading pad | 1pc |
| | Φ400MM Loading pad | 1pc |