



## Furniture Universal Testing Machine For Desk And Bed

GT-LD09



### **Application:**

This Furniture Universal Testing Machine is used for testing the mechanical properties of bed and desks. Can perform the horizontal static load and durability test, vertical static load and impact test.

### **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

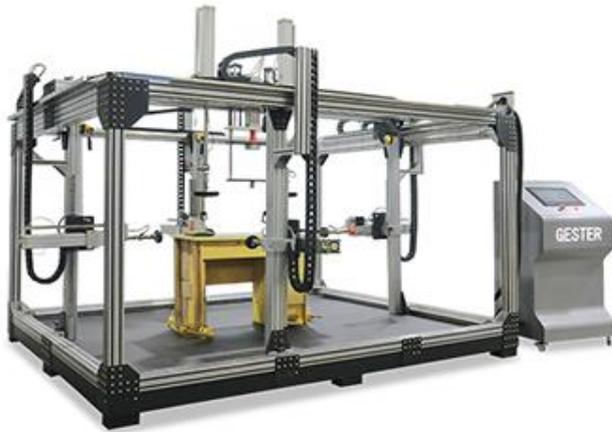
position to adapt to different specifications of the sample. Positioning handle makes the positioning easier and improve the efficiency.

3.The bottom fixed block is free to adjust the position to accommodate different specifications of the sample.

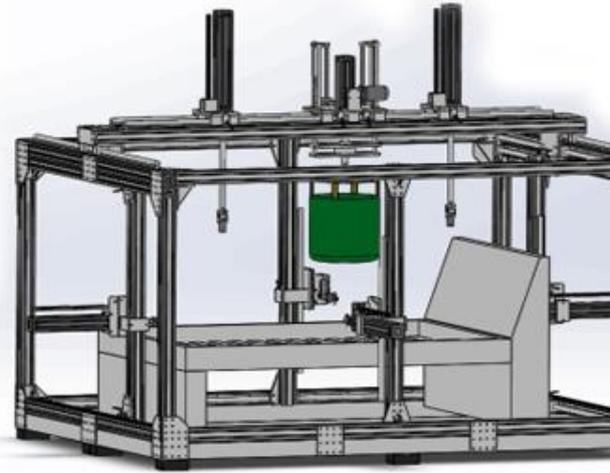
4.PLC controller to control the actions of the instrument; the operation is intuitive and simple.

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.



**Test for Desk**



**Test for Bed**

### Key Specifications

<b>Control mode</b>	PLC control
<b>The Max. length of specimen</b>	3m
<b>Load cell</b>	2.5KN
<b>Machine Dimensions</b>	320cm×250cm×200cm(L×W×H)
<b>Test Standards</b>	<p>Desk: EN 1730-2012 Section 6.2, 6.3, 6.4,6.5, 6.6, 6.7,6.9, 7.2, 7.3 ,            BS EN 15372-2016 Test1, Test2,Test3,Test5, Test6,Test8,Test10,            AS NZS 4610.3-1999 Annex B,D,E,G,N,P,R</p> <p>AS NZS 4442-1997 Annex A,B,H,J</p> <p>Bed: EN 1725 Section 7.2, 7.3, 7.4, 7.5, 7.6, 7.7</p>

<p><b>Testing Methods --- Desk Standard EN 1723</b></p>	<ol style="list-style-type: none"> <li>1. 6.2 Horizontal static load test</li> <li>2. 6.3 Vertical static load tests</li> <li>3. 6.4 Horizontal durability and stiffness test</li> <li>4. 6.5 Vertical durability test .</li> <li>5. 6.6 Vertical impact test</li> <li>6. 6.7 Deflection of table tops</li> <li>7. 6.9 Drop test</li> </ol>
<p><b>Testing Methods --- Bed Standard EN 1725</b></p>	<ol style="list-style-type: none"> <li>1. 7.3 Durability test</li> <li>2. 7.4 Vertical impact test</li> <li>3. 7.5 Durability of bed edge</li> <li>4. 7.6 Vertical static load test</li> <li>5. 7.7 Vertical static load test of the edge of the bed</li> </ol>
<p><b>Standard Accessories</b></p>	<ul style="list-style-type: none"> <li>- Horizontal loading device            4 sets</li> <li>- Vertical loading device                2 set</li> <li>- Impact device                            1 set</li> <li>- GT-LB01-5 Local loading pad        6 pcs</li> <li>- Stoppers                                  4 pcs</li> <li>- Servo cylinder                          7 pcs</li> <li>- Load cell                                 6 pcs</li> <li>- Electric Proportional Valve         6 pcs</li> <li>- Motor                                        1 set</li> <li>- GT-LB01-6 Seat Impactor Devise    1 Set</li> <li>- GT-LB01-3 Smaller seat loading pad 2 pcs</li> <li>- GT-LB01-2 Seat loading pad         2 pcs</li> <li>- English Manual</li> <li>- Certificate of Quality</li> </ul>