



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

3KNt Furniture Testing Machine / General Purpose Tester for chest- desk-bed

1500Nt





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **BS EN 581-3EN 747 5.4.5/5.5 GB/T10357.1 GB/T10357.4 GB/T10357.5 GB/T10357.6 GB/T10357.7**

- Model Number: YYJ-007
- **Payment & Shipping Terms:**
- Minimum Order Quantity: 1 set
- Price: **Negotiation**
- Packaging Details: **Strong Plywood Case**
- Delivery Time: **5-8 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **10 PCS/Month**
- Share to :

3KNp Furniture Testing Machine General Purpose Tester for chest- desk-bed 1500Np

The introduction of product:

Strength Durability Tester for chest desk and bed is used to test the strength and durability of each part of furniture through each part of furniture is under one-off or repetitive load in the normal use or wrong use condition. It is used for testing the mechanical performance of all kinds of desk chest and bed.

This tester can be used for doing the horizontal static loading test and also can do horizontal durability test.

Strength Durability Tester for chest desk and bed adopts four horizontal cylinders to load edges of the specimen repeatedly by the same force values.

After a certain test number, check the structure of specimen, function and so on, find whether there is any damage. Then we could know the performance and defect of products.

The tester adopts the structure of frame to design. The frame is made of high quality industrial aluminum, beautiful and generous. The adjustable part of the frame adopts pulley structure to design in order to adjust the loading position to adapt to different specifications of sample. The position handle is convenient to locate so that the tester can improve the efficiency of work.

The fixed block at the bottom can be adjusted freely different position to adapt to different specifications of sample.

Strength Durability Tester for chest desk and bed adopts PLC controller to control the motion of the tester. It is simple to operate. Force value can be adjusted through the pressure changes in the

precision pressure regulating valve. With high precision power sensor, it can induct the force value immediately.

Every load group can be adjusted to control by itself. Load force value is stable and reliable. The loading cushion is dismountable so that it is convenient to change different cushion to meet different test requirement.

Technical parameters:

Specification of frame: 2.5x2.5x2m, (L×W×H) it is made of 80x80mm aluminum

Loading cylinder: Four **diameter**: 50mm, **route**: 300mm,

Loading force value (Max) on the theory: 1500Np Force value induction: high-precision power sensor

Capacity: 3KNp

Control way: PLC control

Counter: 0~999999 can be set

modulation of force value: pressure changes in the precision pressure regulating valve. With high precision power sensor, it can display the force value **immediately**.

Source of gas: 7kgf/cm² or More stable air source (Customer should bring your own)

Standards: **BS EN 581-3**, EN 747 5.4.5/5.5, GB/T10357.1 GB/T10357.4 GB/T10357.5 GB/T10357.6 GB/T10357.7

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