



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

ISO 8124-4 6.3 Toys Barriers and Handrails Dynamic Strength Testing Machine





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **EN 71-8 clause 6.4 ISO 8124-4 6.3**
- Model Number: **YY667**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **15 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **3 sets per month**
- Share to :

ISO 8124-4 6.3 Toys Barriers and Handrails Dynamic Strength Testing Machine

Description:

This apparatus is used for dynamic testing of barriers and handrails

When tested in accordance with 6.3, no part of the barrier or handrail shall collapse, such that the toy does not comply with the relevant requirements of this part of ISO 8124.

Principle:

A sudden horizontal impact stress is applied to the barrier or handrail, through a pad, by a falling load.

Place and secure the pad to the top of the barrier or handrail at the most onerous position and without causing any damage to the toy. Attach the free end of the rope to the pad.

Arrange the rope and the pulley so that the load hangs freely. Raise the load vertically $125 \text{ mm} \pm 10 \text{ mm}$ and let it drop freely (this will give an impact energy of approximately 30 J). Within 10 s, remove all tension from the barrier.

Parameter:

1. Weight: $25 \text{ kg} \pm 1 \text{ kg}$
2. Impact height: $125\text{mm} \pm 10\text{mm}$
3. Impact way: free drop
4. Impact energy: 30J
5. Sample height: 90cm~240cm
6. Control: pulley control
7. Size(WxDxH) 56x85x254cm
8. Weight: $\approx 140\text{Kg}$
9. Gas source: $\geq 6\text{kgf/cm}^2$
10. Power: 1 ϕ AC 220V 50Hz 3A
11. Size: 500x500x2500mm

Standard:

IS9873-4; ISO 8124-4 6.3 Dynamic strength of barriers and handrails (see 4.2)

