



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

## IS 9873-4 ISO 8124-4 6.1.2 Swings and Activity Toys Stability Tester-Horizontal Thrust Tester





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **IS9873-4 ISO 8124-4 6.1.2&6.1.4**
- Model Number: **YY668**

- **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 :

IS 9873-4 ISO 8124-4 6.1.2 Swings and Activity Toys Stability Tester-  
Horizontal Thrust Tester

**Description:**

This instrument is used to test the stability performance for activity toys and swings.

**Principle:**

A horizontal force is applied at the top of the toy to simulate a child climbing on the toy, observe whether the toy tips over.

A horizontal force is simultaneously applied at each suspension point to simulate the horizontal forces created by pendulum effect, observe whether the toy tips over.

**Standards:**

IS9873-4, ISO 8124-4 6.1.2 Stability of activity toys with a free height of fall of more than 600 mm (see 4.5.3);

ISO 8124-4 6.1.2 6.1.4 Stability of swings and other activity toys with crossbeams (see 4.7.1)

**Specification:**

Force capacity: 3kN

Force loading direction: horizontal

Force loading actuator: four stations

Force accuracy: dynamic  $\pm 5\%$

Force resolution: 1/1000

Loading strokes: 28cm

Force loading point height: 30~180cm

Test speed: 0~500mm/min adjustable

Rise and up speed: 800mm/min

Time: 0~9999 adjustable

Force control: closed-loop control

Motion: Servomotor

Control: PC+ professional test software

Dimension (WxDxH): 280x120x240cm

Weight:  $\approx 650\text{Kg}$

Power: 1 $\phi$  AC 220V 50Hz 3A

