

## Product Information

**TW-404 Toy Horizontal Thrust Tester-Max 3000N Meet ISO 8124-4**

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

Standard :

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)

EN71-8 6.2.4 Stability of swings and other activity toys with crossbeams

**specifications**

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

