

Product Presentation



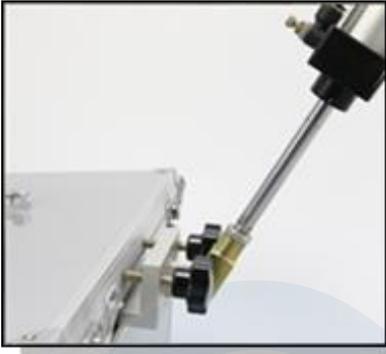
Application

The instrument applies to test the durability of toys box cover. It uses fixtures to drive the toy box cover move, after simulating a certain number of opening and closing movements, check whether the toy box lid hinge part's functions are in good condition.



Principle

Subject the lid to 7000 opening-and-closing cycles, where one cycle consists of raising the lid from its fully closed to its fully open position and returning it to fully closed. To prevent undue stress on screws or other fasteners used to attach the lid support mechanism, care should be taken not to force the lid beyond its normal arc of travel. Complete a cycle of about 15s, 7000 times cycle should be completed within 72h, and then check the lid and the lid support mechanism is intact or not.



Standards

EN-71-1 section 8.31.3
 ASTM F834 section 5.1
 ISO 8124-1 section 5.13.2.2
 GB 6675.2 section 5.13.2.2

Key Specification

Model	GT-M02
Specimen quantity	1pc / time
Test speed	(approx.) .15s / cycle
Swinging rod rotation angle	0°~90°
Test times	7000times
Counter	0~999999 times, can be set
Sample max height	70cm
Display mode	LCD
Drive mode	Cylinder drive
Action mode	Stop automatically
Power supply	1 φ AC 220V 50/60Hz
Dimensions(W x D x H)	360 x 350 x 1250 mm
Weight	Approx. 25kg

Accessories

Standards accessories	1pc	Small hook
	1pc	Air pipe
Optional accessories	Optional	GT-MA12 air compressor