

Toys Scooter Steering Tubes Strength Tester



Applications

Toys Scooter Steering Tubes Strength Tester apply to test the strength of toy scooter steering tubes, including resistance to downward forces and resistance to upward forces. This tester is suitable for the test of the strength of the toy scooter. In the normal use of the toy scooter, the vertical tube is fixed vertically on the machine platform, and the strength performance after 5 minutes of vertical load is applied by the loading handle.

Principle

Impedance test for downward pressure: For the toy scooter handle, the vertical load of the loading jig was applied and held for 5 min and then unloaded to evaluate the strength performance of the standpipe.

Impedance test for upward lift force: The strength performance of the standpipe is evaluated by applying a vertical pull force to the toy scooter handle through a rope clamp and holding it for 5 minutes.

Technical parameters

Sample	Toy scooter
Number of samples	1 set / time
Loading method	cylinder loading
Loading weight	25kg+/-0.2kg,50kg+/-0.5kg,100kg+/-1kg
Control mode	Touching screen control
Force Gauge capacity	2000N
Up and down stroke adjustment	100mm-600mm Adjustable
Left and right adjustment range	500mm-1200mm Adjustable
Force measurement accuracy	+/-1%
Dimension	90×90×172
Weight (about)	170kg
Gas source	7kgf/cm ² Stable air source
Power supply	1 φ AC 220V 50Hz 5A