

Fully Automatic Torque tester

MODEL: TQ-360LS

This machine is a custom-made testing device for electronic products with a rotation angle of over 180 degrees. According to the electronic product's characteristics, the hinge is verified in the most optimal way by adjusting the the axis up and down while rotating the shaft.

Test items

1. Hinge life test
2. Dynamic measurement of hinge torque
3. Hinge life analysis
4. Hard drive dynamic spin test

Product features

1. Design of fixtures can be requested to satisfy different needs of the sample
2. Can perform 0~360° hinge opening and closing test
3. Rotation resistance verification for laptops and hardware can be done with certain fixtures.
4. Computerized display and recoding of torque curve and life analysis

Customized testing equipment and tools



Technical Parameters

Model	TQ-360LS
Test trip	0-360°
Fastest test speed	200° /sec
Minimum display angle	0.01°
Max. Torque	200kgf.cm
Minimum display torque	0.01kgf.cm
Control method	PLC+IPC
Machine precision	±0.5°
Torque precision	0.06kgf.cm
Machine size	1200X600X1350mm (L/W/H)
Weight	150kg
Power supply	AC 220V 50Hz

