

Summary:

FPC circuit board bending testing machine is mainly used for flexural testing of circuit board (commonly known as flexible circuit board), which can be called FPC bending testing machine, FPC flexural testing machine; It can be used for testing the flexure resistance and flexure resistance of electronic FPC soft board. The machine is made of crank shaft for reciprocating push and pull, the speed can be adjusted, bending Angle can be adjusted, automatic counting, automatic stop when reaching the set number.

NEWGOER TEST EQUIPMENT

Your Lab Consultant

NG-236 FPC Bending Flex Test Machine**Standards:**

The flexural fatigue tester for soft circuit board is made according to JIS C6471, JIS C5016, APPI-T423pm, ASTM-D2176, JIS-P8115, BG/T2679.5 and other test standards

Test Principle:

One end is fixed on the tension device at the upper end of the instrument, and the other end is fixed on the rotary fixture at the lower end. The tension device has an adjustable adjuster, which maintains the fixed force value during the test.



Features:

1. The machine is driven by stepper motor, with high precision, accurate positioning, low noise, and can be used for a long time;
2. Reset the program-controlled origin, no need to set the fixture in place by hand;
3. The machine adopts touch screen display controller as program input;
4. The test Angle, speed, test times, and motor return to the origin can be set and counted automatically. When the product is bent and broken and cannot be energized, the operation can be stopped automatically.

Specifications:

Test station: 1

Test Angle: 10-150 (touch screen setting)

Test speed: 10-120 times/min (touch screen setting)

Test stroke: 15-100mm (manual adjustable)

Maximum width and opening width of test fixture: 100mm

Test fixture: one set of lower end movable fixture and upper end movable fixture

Test times counter: 0~999999 times (can be preset, reach times and product break automatically stop)

Test function: the touch screen sets the Angle, frequency, speed, etc., with the unique conduction function, automatic stop counting function when disconnected, automatic origin finding and other functions

Machine size (L W H) : 450 * 380 * 700mm

Machine weight: 45kg

Working power supply: AC220V, 50HZ