

Paper MIT Folding Test Machine



Product use overview

This machine is mainly used for the flexural and flexural life testing of circuit boards (commonly known as FPC flexible circuit boards), paper products and fiberboards. The test method is to fix the two ends of the test piece on the machine, the lower clamp applies the required load, so that the test piece is subjected to a certain tension, and the lower clamp is in the vertical state of the test piece.

The specimen is bent back and forth to the left and right sides, and the bending angle is set until the test piece is broken and automatically counted.

Design criteria

ASTM-D2176, TAPPI-T423PM, JIS-P8115

Technical parameters

The change in tension caused by the eccentricity of the folding chuck is not more than 0.343N.

Folding head width is 19 ± 1 mm

Folding radius 0.38 ± 0.02 mm (glass fiber material and other materials can be customized R

angle)

Folding port gap distance: 0.25mm / 0.5mm / 0.75mm / 1.00mm (glass fiber material and other materials can be customized chuck)

Man-machine interface: 3.2 in 320*240 dot matrix liquid crystal display, showing the number of folding changes in real time.

Measuring range	0~99999 times
Folding angle	135±2° (glass fiber materials and other materials can be customized)
Folding speed	175±10 times/min
Spring tension	4.9~14.7N, with a tension of 9.8N, the spring is compressed at least 17mm
Standard weight	4.9N, 9.8N 14.7N
Printout	modular one-piece thermal printer
Working environment	Working environment:
Dimensions	330*350*450mm
Weight	35kg