

MIT FOLDING ENDURANCE TESTER

Model: FET-10



Machine Introduction:

This instrument is design for purpose to measure the folding fatigue strength of paper, paperboard and other sheet materials (copper foil in electronic industry, etc.) with the thickness of less than 1mm. It is designed according to the international MIT folding principle. It is an ideal test equipment for the industries and departments of papermaking, packaging, scientific research and product quality supervision and inspection.

Function:

- Full computer control technology open structure, high automation program, simple and convenient operation, safe and reliable.
- Automatic measurement, intelligent judgment function;
- Automatic measurement, statistics, printing test results, and has the function of data saving;
- It can convert the double fold times and the corresponding logarithm (folding endurance) of a single sample,
- It can also count the experimental data of multiple samples in the same group, and can count the maximum, minimum, average and coefficient of variation of the same group of samples.
- These data are stored in the microcomputer and displayed on the display screen.

Test Standards:

ISO 5626; GB/T 2679.5; QB/T 1049

Technical Specification:

Measurement range	0 ~ 99999 times
Folding Angle	135±2°
Folding speed	175±10 times /min.
Folding head width	19±1mm
Fold radius	0.38±0.02mm
Spring tension	4.91 ~ 14.72N, each 9.81N tension, spring compression at least 17mm.
The gap distance of the folding	0.25, 0.50, 0.75, 1.00mm
The tension change caused by the eccentric rotation of the folding chuck is not greater than	0.343N
Environmental conditions	Temperature 20 ~ 40°C ; Relative humidity <85%
Dimensions (L x W X H)	330 X 250 X 400mm
Weight	37kg
Dimensions	510*400*365mm
Power	AC220, 50Hz, 2A

Product Image References:

