

Introduction

Paper folding endurance tester used to test the folding endurance of paper, cardboard and other materials. The instrument used the folding clamp which can make it position automatically, has high processing data functions like: not only a single sample and the corresponding two-fold the number of values (folding) for conversion, and multiple samples can statistics in the same group of experimental data, can test the statistics in the same group Kind of maximum, minimum, average and coefficient of variation, the data stored in the microcomputer, through the digital display. Besides adopted digital circuit with micro PC as the core; mechatronics technique, with precision motor servo control, precise positioning. High speed micro printed, Digit tube can show the measurement directly. Advanced technology, completed functions, stable performance, easy to use are the advantages of the instrument which is the ideal testing machine for papermaking, packing, research and inspection.



Features :

1. The paper folding tester uses full computer control technology, and has high automation degree, open structure, simple and convenient operation, stable and reliable performance and high precision.
2. The paper folding tester has functions of full-automatic test, and intelligent judgment.
3. It can count and print test results, and save test data.
4. It uses Chinese graphic menu display operating interface, and high speed miniprinter.
5. The modern design concept of optical, mechanical and electronic integration has compact structure, beautiful appearance and convenient maintenance.

Application :

It is suitable to test fatigue strength of paper, paperboard and other sheet material, which thickness is less than 1mm.

Standard :

ISO 5626: Paper-determination of folding endurance

GB/T 2679.5: Paper and board-determination of folding endurance (MIT tester)

GB/457: Paper and board-determination of folding endurance

QB/T 1049: Paper and board—Tester of folding endurance

Parameters:

Measuring range	1~99999 times
Folding angle	135°±2°
Folding speed	(175±10)time/min
Tension adjust range	4.9N~14.7N
Folding head specification	0.25mm,0.50mm,0.75mm,1.00mm
Folding head width	19±1mm
Folding radius	R0.38mm±0.02mm
Tension change of folding chuck rotating	≤ 0.343N
Power	AC220V±10% 50Hz
Work environment	temperature0~40°C,relative humidity≤ 85%
Dimension	390 mm(L)×305 mm(W)×440 mm(H)



