

Summary:

Paper Bending Stiffness Tester is one multi-function stiffness tester. You can set test angle range. It adopted touch screen with a real-time display function of stiffness and time curve, to use touch screen has the advantages of simple operation, convenient. Our Bending Stiffness Tester was originally developed to produce a more concise, consistent measurement for the paper board industry. As well as used in a variety of industries including personal products, paper, flexible films, packaging and non-wovens.



Features:

- Adopt high precision load sensor, the error can be controlled within 1%.
- LCD screen operation system, Aluminum control panel
- Check or delete the testing records randomly
- Thermal printer, fast and clear printing
- Calculate, count and print the testing result automatically
- The angle can be set between (1 ~ 90) °.
- Test time is within a predetermined range (3s ~ 35s) arbitrarily set.

Standards:

GB/T 23144 "General Principles for the Determination of Static Bending Stiffness of Paper and Paperboard";

GB/T 22364 "Determination of bending stiffness of paper and board";

ISO 5628 "Paper and board - Determination of static bending stiffness - General principles";

ISO 2493 "Paper and board - Determination of bending stiffness".

Specifications:

Measurement range	15~10000 mN.m
Measurement thickness	0~2mm
Resolution	0.1mN
Bending length	(50/25/20/15/10/5) ± 0.1mm
Bending angle	(± 7.5 ° or ± 15 degree) ± 0.3 degree (1 to 90 degree)
Test speed	200 ° ± 20 ° / min
Print output	Modular integrated thermal printer
Data Display	5.7in LCD with graph display
Weight	15 Kg

Optional Accessories:

It need Cardboard Stiffness Sampler for 15° stiffness and 90° Crease & Stiffness testing.

Sampling size: 70×38±0.1 mm mm (stiffness sample)

Sampling size: 38×36 mm (crease stiffness sample)

Sampling thickness: <1mm

