

ZB-TD10K Computer horizontal stiffness tester

Introduction

Stiffness is the anti-bending ability of paper and board. Horizontal stiffness tester is a special instrument for measuring the stiffness of paper and board.

Main features

1. Synchronous motor, small noise and stable test
2. Use a color screen to display the data in real time
3. The parameter setting is simple and the test is convenient and reliable
4. Direct measurement results, including mean, standard deviation and coefficient of variation
5. High degree of automation: data processing and motion control can be performed, automatic reset, overload protection
6. Data communication: the instrument has standard serial RS232 interface, which can provide data communication for the comprehensive report system of the computer
7. The ability to measure the power of opening and reverse folding of the carton with the effect of the conversion and use
8. Measure the anti-elasticity of the crease (crease stiffness)

Main technical parameters

Power supply	AC220V±10% 50HZ 2A
Measuring range	Bending force (50~10000) mN
Resolution ratio	1 mN
Accuracy	Indication error less 100 mN is ±1mN, the rest is ±1% Variation of indication ≤1%
Bending rate	300°±20°/ min
Bending length	(10-50) mm
Bending angle	5°-90°
Sample size	Sample width 38±0.2mm Sample length 70mm Sample thickness less than 2.5 mm

Standards

GBT 23144-2008

GBT 22364-2008

BS 3748

BS 6965

ISO 2493

TAPPI T556

DIN 53121

SCAN P29

