

HS-TD TABER STIFFNESS TESTER

INTRODUCTION

HS-TD instrument is a general taber bending stiffness tester applied with international standard. And the major technical parameters apply with the related regulations of the GB2679.3.paperboard bending stiffness mensuration.

HS-TD Bending Stiffness Tester is an index to weigh paper and paperboard. This is a special instrument for paperboard bending stiffness testing.

APPLICATIONS Paper, Cartons board

STANDARDS

Meets ISO5628、GB/T2679.3、QB/T1051

SPECIFICATIONS

1. Test Range: (1~500) mN • m .
the entire test range is divided into 7 small ranges.

Test range (mN • m)			(mN • m)
	Number	Weight	
1~5	1	5.098	0.05
1~10	2	10.197	0.10
1~20	3	20.394	0.20
5~50	4	50.986	0.50
10~100	5	101.972	1.00
20~200	6	203.944	2.00
501~500	7	509.860	5.00

Notes: mN • m=10cN • cm

1. Indication error: $\pm 2\%$ (10%-90% upper limit value of each test range)
2. Indication repeatability error: $< 2\%$ (10%-90% upper limit value of each test range)
- 3 Length of pendulum force arm: 100mm
4. Length of load force arm: 50mm $\pm$ 0.1mm
5. Testing speed : 200° per minute
6. Rated bending angle: $\pm 7.5^\circ$ and $\pm 15^\circ$
7. Specimen size : 38 $\times$ 70mm (W $\times$ L)
8. Dimensions : 165 $\times$ 270 $\times$ 355mm (W $\times$ L $\times$ H)
9. Weight : about 19kg