

HS-BST SMOOTHNESS TESTER

Bekk Smoothness Tester



INTRODUCTION

HS-BST Bekk smoothness tester is a new type of test developed by our company according to the specification of international standard. The instrument mainly test the smoothness off the paper or cardboard (by Bekk method).

Bekk smoothness: time in seconds which under a defined pressure differential is required to draw a definite quantity of air at atmospheric pressure between the surface of the test piece and a ring-shaped plane surface under specified conditions of contact.

The smoothness of a wide range of papers and boards may be measured by this method and it is especially recommended for smooth papers and boards. However, for very smooth samples, measurement times may be impractically long.

APPLICATIONS

Paper, paper board.

STANDARDS

Meets ISO 5627, GB/T 456, QB/T 1665

SPECIFICATIONS

1. Power supply: AC220V \pm 10% 50HZ
2. Precision: 0.1s

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3. Measuring range: $10 \pm 0.05 \text{cm}^2$
4. Pressure: $100 \text{kpa} \pm 2 \text{kpa}$
5. Display: English menu and LCD screen
6. Printer : thermal printing, high speed and no noise.
7. Communication output: standard RS232 interface
8. Ambient conditions: temperature $10 \sim 30^\circ\text{C}$. Relative humidity $< 85\%$
9. External dimensions: Length \times Width \times Height $= 318 \text{mm} \times 362 \text{mm} \times 518 \text{mm}$
10. Weight: 35kg

FEATURES

1. Unoiled vacuum pump
2. Choose prepressing time
3. Rapid measurement
4. Better sealed
5. Thermal printer
6. LCD display