

HST--TG10 Computerized Thickness Gauge



(The picture is for reference only)

Product Introduction

The Computerized Thickness Tester is a new type of testing instrument developed by our company according to national standards. This mechatronics product adopts modern mechanical design concepts and ergonomic design principles, making it a novel, user-friendly, high-performance, and aesthetically pleasing high-precision computerized thickness measuring instrument. Employing a high-precision displacement sensor, the instrument features testing, conversion, display, memory, printing, and data processing functions. It is suitable for measuring the thickness of materials such as cigarette paper, tipping paper, inner lining paper, BOPP film, and tobacco leaves, making it an ideal testing device for industries and departments such as papermaking, packaging, tobacco, scientific research, and product quality supervision and inspection. It conforms to ISO, ASTM, TAPPI, EDANA, or other international standards.

Technical Parameters:

1. Power Supply: 220V $\pm$ 10%/50Hz $\pm$ 10
2. Measurement Units: mm, μ m, mil
3. Accuracy: 0.001mm
4. Measurement Range: 0-10 mm
5. Resolution: 0.1 micrometer
6. Descent Speed: Adjustable, range 1-5.7mm/second
7. Contact Area: (200 $\pm$ 5) mm²;
8. Contact Pressure: (100 $\pm$ 10) kPa;
9. Stabilization Time: Adjustable, range 0-999 seconds
10. Printer: Modular integrated thermal printer;
11. Test Result Display: TFT high-brightness color Chinese touch screen

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- 12. Data Interface: RS232C data interface, for data processing and analysis after connecting to a computer, such as EXCEL output (optional)
 - 13. Dimensions: 285 x 120 x 345 mm mm (L*W*H)
 - 14. Applications: Paper, corrugated paper, plastics, plastic films, fabrics, nonwovens, tobacco leaves and other materials

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