

KASON-PTGC1A Paper and paperboard thickness gauge



(The picture is for reference only)

Introduction

The intelligent thickness gauge is a new type of testing instrument developed by our company in accordance with national standards. This mechatronics product adopts modern mechanical design concepts and ergonomic design principles. It is a high-precision computer-controlled thickness gauge with a novel design, ease of use, excellent performance, and an aesthetically pleasing appearance. The instrument has testing, conversion, display, memory, printing, and data processing functions, making it an ideal testing device for industries and departments such as papermaking, packaging, scientific research, and product quality supervision and inspection.

Applications Range:

Paper, cardboard, toilet paper, etc.

Standards Applied:

GB/T 451.3, QB/T 1055, GB/T 24328.2, ISO 534, GB/T 6672

Features:

1. One-click testing, simple and easy to understand;
2. The motherboard adopts the latest technology and a brand-new design, with a 32-bit ARM processor for the CPU, improving the instrument's processing speed and making data calculations more accurate and faster;

3. 7-inch color touchscreen with Chinese display and touch buttons makes operation simple and easy to understand;
4. Adjustable probe rise and fall speed;
5. Automatic measurement, statistics, and printing of test results, with data storage function;
6. Uses a thermal printer core, eliminating the need for ink and ribbon, operating silently, and printing quickly;
7. This instrument is equipped with a standard RS232 interface for communication with computer software (sold separately);

Specification

Power Supply Voltage: AC (100~240)V, (50/60)Hz

Measuring Range: Paper 0~4mm, Cardboard 0-20mm

Resolution: Paper 0.001mm, Cardboard 0.01mm

Indication Error: $\pm 0.5\%$

Indication Variation: $\leq 0.5\%$

Contact Area: Paper $200 \pm 5 \text{mm}^2$, Cardboard $10 \pm 0.02 \text{cm}^2$

Contact Pressure: Paper $100 \pm 10 \text{kPa}$, Cardboard $200 \pm 0.5 \text{kPa}$

Probe Descent Speed: Adjustable (0.5~10)mm/s

Printing: Built-in thermal printer

Communication Output: RS232

Dimensions: 320×310×400 mm

Net Weight: $\leq 26.5 \text{kg}$

Standard Configuration:

Thickness gauge main unit, printing paper, power cord;

RS232 interface and microcomputer software (sold separately)

FOCUS IN MATERIAL TEST

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