

KASON-TGC1A Thickness Gauge



Note: The picture is for reference only

The KASON-TGC1A thickness gauge 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. It is a novel, easy-to-use, high-performance, and aesthetically pleasing high-precision computer-controlled thickness gauge. The instrument has testing, conversion, display, memory, printing, and data processing functions, making it an ideal testing device for industries and departments such as paper, film, packaging, scientific research, and product quality supervision and inspection.

Applications

Film, battery separator, paper, cardboard, toilet paper, etc.

Product Features

- One-button testing: Simple and easy to understand;
- The motherboard adopts the latest technology and a newly designed 32-bit ARM processor, improving the instrument's processing speed and making data calculation more accurate and faster.
- Equipped with a 7-inch color touchscreen, Chinese display, and touch buttons, making operation simple and easy to understand.

- Adjustable probe rise and fall speed.
- Automatically measures, compiles, and prints test results, with data storage functionality.
- Employs a thermal printer module, featuring ink-free and ribbon-free operation, noiseless operation, and high printing speed.
- This instrument is equipped with a standard RS232 interface for communication with computer software (sold separately).

Main Technical Parameters

- ◆ Power Supply Voltage: AC (100~240)V, (50/60)Hz
- ◆ Measuring Range: Thin film 0~2mm, paper 0~4mm, cardboard 0~20mm
- ◆ Resolution: Thin film 0.0001mm, paper 0.001mm, cardboard 0.01mm
- ◆ Indication Error: $\pm 0.5\%$
- ◆ Indication Variation: $\leq 0.5\%$
- ◆ Contact Area: Thin film $50\text{mm}^2 \pm 2\text{mm}^2$, paper $200 \pm 5\text{mm}^2$, cardboard $10 \pm 0.02\text{cm}^2$
- ◆ Contact Pressure: Thin film $17.5 \pm 1\text{kPa}$, 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, technical documents.
- ◆ RS232 interface and microcomputer software (sold separately).

Standards:

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

FOCUS IN MATERIAL TEST

KASONTTEST®

JINAN KASON TESTING
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

P: +86 159 1008 1986

E: admin@jnkason.com | **W:** www.syjlab.com

