

Digital Thickness Gauge GH-3



Introduction

Digital thickness gauge GH-3 is a precision equipment developed and manufactured by Guangzhou Biaoji R&D team based on ASTM and GB standard requirements and market demand. The instrument uses mechanical contact measurement to lay the foundation for testing various properties of plastic packaging materials. Uneven thickness of packaging materials will affect barrier properties, tensile strength and other properties; high-precision control of material thickness is also an important means to ensure quality and control costs.

It is suitable for accurate thickness measurement of various materials such as plastic films, sheets, diaphragms, paper, foils, silicon wafers, etc. within the measuring range.

Standard

ISO 4593、GB/T 6672、ASTM F2251

Specification

Item	Technical Parameters
Measuring range	0.001-12.5 mm
Minimum indication	0.001 mm
Indication value variability	1 μ m
Measuring force	0.5~1 N
Measuring head	Φ 5 mm (customizable)
Measuring head surface roughness	Ra<0.2 μ m
Dimension	280 mm×200 mm×320 mm
Weight	6 kg



Features

The universal meter base adopts air damping device, making the measurement stable and reliable;

Integrate light, machinery, electricity and calculation into one, small size and easy to use;





Precision-adjustable multi-functional measuring workbench is available for purchase;

LCD display, real-time display of test values.

The battery is replaceable; easy to operate.

Measurement grating is used as the long-length reference, with high measurement accuracy and fast response speed.

Application

	Films and Sheets	Suitable for thickness measurement of various plastic films, sheets, separators, etc.
	Paper	Suitable for thickness measurement of various paper, cardboard, composite cardboard, etc.
	Textile materials	Suitable for thickness measurement of various textile materials such as woven fabrics, knitted fabrics, coated fabrics, etc.
	Other materials	Suitable for thickness measurement of solid electrical insulation materials, adhesive tapes, geosynthetic materials, rubber, etc.

Factory configuration

Optional	Certificate of measurement
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Note: GBPI has always been committed to the innovation and improvement of product performance and function. For this reason, product technical specifications and appearance will also be changed accordingly. The above situation will not be notified. GBPI reserves the right of modification and final interpretation.





Service Commitment

- ◆ Free packaging inspection technical support.
- ◆ One-year warranty for instrument, free software upgrade service, and lifetime free technical support.
- ◆ Free to the factory to train the operation of the instrument, qualified people issued graduation certificates, free accommodation and food.
- ◆ Instrument “trade-in” policy and provision of backup instruments in case of failure.
- ◆ There is a testing center (CNAS L8185) to provide incoming sample testing and sample data comparison services.
- ◆ Set up a Reference Standards Development Center to provide calibration services.

Company Introduction

Guangzhou Biaoji Packaging Equipment Co., Ltd. was established in 2002 and located in Guangzhou Economic Development Zone. It is a company integrating R&D, production and sales of packaging testing instruments, packaging equipment, modified atmosphere preservation equipment and other products, as well as providing third-party testing and standard material proficiency testing. It is committed to providing comprehensive, professional and high-quality products and technical services for packaging, food, medicine, testing and other industries.

Write industry standards with quality, and become the leader and leader in the field of global packaging testing. The 80,000-mile journey is sailing, and GBPI will escort you!



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