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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 μm
Measuring force	0.5~1 N
Measuring head	$\Phi 5$ mm (customizable)
Measuring head surface roughness	Ra<0.2 μm
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.

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