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# Digital Thickness Tester GH-D



## Introduction

The GH-D electronic thickness gauge is a high-precision digital thickness gauge newly developed by the Guangzhou Biaoji R&D team based on the standard requirements and market demands such as GB and ASTM. It integrates light, machinery, electricity and calculation, and is easy to operate and has high measurement results. It has a digital display and can be connected to a computer for automatic control.

Mainly used for thickness measurement or comparative measurement of plastic films, paper and other materials.

## Standard

ISO 4593, ISO 534, ISO 3034, GB/T 6672, GB/T 451.3, GB/T 6547, ASTM D645, ASTM F2251, ASTM D374, ASTM D1777, TAPPI T411, DIN 53105, DIN 53353, JIS K6250, JIS K6328, JIS K6783, JIS Z1702, BS 3983, BS 4817






## Specification

Item	Technical Parameters
Test range	0~6 mm
Test resolution	0.1 $\mu$ m
Injection distance	0~100 mm
Measurement points	1~30 points
Measuring force	0.4 N
Measuring head	$\Phi$ 6 mm
Power supply	AC 220 V, 50 Hz
Dimensions	410 mm×310 mm×340 mm
Power	100 W
Weight	19.5 kg

## Features

- ◆ Precise measurement, reliable operation, measurement resolution up to 0.1  $\mu\text{m}$ ;
- ◆ Support manual and automatic dual measurement mode, single-point test or multi-point test;
- ◆ The automatic sampling interval and the number of measurement points can be set;
- ◆ LCD display, can print test results by microcomputer.
- ◆ The measurement process displays the maximum value, minimum value, average value and current value in real time.
- ◆ Can be connected to a computer, professional software support (optional).

## Application

	film, sheet	Thickness measurement of various plastic films, sheets, diaphragms, etc.
	paper	Thickness measurement of various paper, cardboard, composite cardboard, etc.
	metal sheet, silicon chip	Thickness measurement of silicon wafers, foils, various metal sheets, etc.
	corrugated cardboard	Thickness determination of corrugated cardboard
	textile material	Thickness determination of various textile materials such as knitted fabrics, coated fabrics, etc.

## Factory configuration

Standard configuration	The host, Power cord, Measuring head
Remark	Gas source, prepared by the user

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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