

**Application**

ZBH-01 Paper and Board Thickness Tester is used to measure the thickness of paper and board. It can measure the thickness of a single sheet of paper or board and the thickness of a pack of sheets of paper as a bulking thickness. It is not applicable to corrugated fibreboard.

Description

ZBH-01 Paper and Board Thickness Tester incorporates two plane, parallel, circular pressure faces, between which the paper or board is placed for measurement. The pressure exerted between the pressure faces during the thickness measurement is (100 ± 10) KPa.

The upper and lower two pressure faces form an integral part of the ZBH-01 Paper and Board Thickness Tester. The lower face is fixed (the anvil) and the upper face, with a diameter of (16 ± 0.5) mm, i.e. nominally 200mm^2 in area, is movable in a direction perpendicular to the plane of the lower face. When it reads zero, the upper face is in full contact with the whole area of the lower face.

FAQ

1. What is single sheet thickness?

Single sheet thickness is the distance between one surface of a paper or board and the other, measured under an applied static load.

2. What is bulking thickness?

Bulking thickness is the thickness of a single sheet of paper, calculated from the thickness of several superimposed sheets in a pack, and measured under an applied static load.

Standard

ISO 534, GB/T 451.3

Technical Features

- Reset ZERO at any point
- ON/OFF power switch
- Measurement units conversion

Main Parameters

Test Range	$(0 \sim 4)\text{mm}$
Resolution	0.001mm
Contact Area	$(200 \pm 5)\text{mm}^2$
Contact Pressure	$100 \pm 10\text{kPa}$
Measuring Surface parallelism	$\leq 0.005\text{mm}$
Display Error	$\pm 0.05\%$

Relative Models

PBT-01 Board Thickness Tester

THD-01 Tissue Thickness Tester

FTT-01 Thickness Tester



The Company reserves the right to update, modify, or amend this Catalog without prior notice.

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