

THI-1801 Thickness Tester



Application

This thickness tester is based on contacting method and designed to precisely measure thickness of plastic films, aluminum foil, aluminized films, plastic composite films, paper-plastic composite films, coextruded films, aluminum foil composite films and many others.

Features

1. Embedded system, easy to remote maintenance and upgrade
2. Touch screen operation
3. Real color TFT LCD display
4. Max, min, mean, SD result display
5. Manual test and automatic test
6. Multiple ranges selectable(before purchase)
7. Micro-printer prints mini-report
8. Result with multiple units display
9. Sample auto feeder available. (optional)
10. Traceable standard block calibration

11. RS-232 communication port
12. Professional computer software support(optional)

Technical Indexes

Range: 0-2mm (standard)

0-10mm(optional)

Resolution: 0.1um(standard)

Test speed: 15times/min (Adjustable)

For film: Test area: 50mm²

Test pressure: 17.5±1kPa

For paper: Test area: 200mm²

Test pressure: 50±1kPa

Power supply: AC220V 50Hz

Dimension: 330mm (L) X 285mm (W) X 370mm (H)

Net weight: 38kg

Standards

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

Configuration

Standard: main-unit, calibration block(500um or1000um).

Optional: Sample auto feeder, professional computer software, calibration block, communication cable.

Note: Specifications are subject to change without prior notice.