

CHY-C2 Thickness Tester

Thickness tester is designed and manufactured according to GB 6672, ASTM D645, ISO 4593, and applicable in accurate thickness test of all kinds of materials in its test range.

1. Characteristics

- .Mechanical contact method, without restriction of testing materials
- .Testing accuracy up to 0.1 micron
- .contacting area and pressure between testing head and film conform to the relative standards strictly.
- .Special configuration design guarantees the parallel of the upper and lower test surfaces.
- .LCD display test parameters, operation buttons friendly designed.
- .settable test models of manual and automatic. Statistics and automatically print test result.
- .Compatible with ISO, ASTM and multifold test standards for film thickness.

2. Configuration

This tester is made up with control system, test system, print and output system. Test system is for testing specimens and output of electrical signal. Control system is applied for setting and modification of parameters, signal processing, result displaying and so on. Output system's function is to print out the result.

3. Principle

This tester employs the most advanced technology in the world, to guarantee the accuracy of the test result and high consistency of several test results. Easy operation is approximately automatic, decreasing the influence to test result caused by manual factors. Print out test result of single test. Process, analyze, and print out test result of batch of tests. Contacting area, test pressure, and moving speed conform to relative standards strictly.

4. Technical index

- Test range: 0~2mm(normal) 0~6mm(optional)
- Resolution: 0.1 μ m
- Test speed: 10 times/min (adjustable)
- Test pressure: 17.5 \pm 1kPa(film) 50 \pm 1kPa(paper)
- Contacting area: 50mm²(film) 200mm²(paper)
- Power: AC 220V 50Hz / 60Hz
- Dimension: 300(L) mm x 275(B) mm x 300(H) mm
- Net weight: 33kg

5. Operation step

Power on--set parameter--go into test interface--place specimen--start test--test over--print test result--test stop

Note: This tester has function of memo. If the parameters are as same as last time, users can test directly without parameter setting.

6. Configuration

- Standard Configuration: mainframe, standard measure.
- Optional Configuration: software, communication cable, poise tray, poise (made to order).

7. Standard

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

