CHY-C2
Thickness Tester

This tester is applicable in accurate thickness test of all kinds of materials in its test range.

Structure

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

Principle

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

Features

• Mechanical test method, without restriction of testing materials.

• Testing resolution up to 0.1µm.

• Contacting area and pressure between testing head and specimen conform to the relative standards strictly.

• Special configuration design guarantee the parallel of the upper and lower test surfaces.

• Method for adding weight realize the non-standards testes.

• LCD displays test parameters, operation button friendly design.

• Settable test modes of manual and automatic. Statistic and print test results automatically.

• Compatible with ISO, ASTM and multifold test standards for specimen thickness.

Foils – Packaging – Plastics

Physical specifications

Dimensions
300 mm × 275 mm × 300 mm (L x B x H)

Net Weight
33 kg

Standards

ASTM D645, ASTM D374, ASTM D1777, ISO 534, ISO 3034, ISO 4593

Configuration

Standard
Mainframe, calibration panel.

Optional
Software, adding weight poise and panel.

Technical data

Test range
0~2mm (normal)

Resolution
0.1μm

Test speed
10times/min (adjustable)

Test pressure
17.5±1kPa (50±1kPa) (normal)

Contacting area
50mm2 (200mm2)

Power
AC 220V 50Hz

Power consumption
50W

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