

**PARAM™ MXD-02 Coefficient of Friction Tester**

Coefficient of friction tester is applicable in static and kinetic coefficient of friction test for plastic films, foils, paper and other materials. Users can control the quality technique data by testing smoothness of the materials, such as usual pack-fill property of packages, the speed of packing machines, and so on.

**Characteristics**

Compatible with many domestic and international standards and combine different methods in one.

GB, ISO, and ASTM testing standard can be chosen.

Flexible driving system enables much more steady and accurate performance.

Controlled by micro-computer, all the operations can be done with keyboard.

LCD displays data, results and curves.

Estimate material's state and analyze test results using quantitative-discrete method automatically.

Kinetic test, static test, and kinetic& static test are selectable for users.

Analysis and process test data of single or group tests, print reports in different modes.

Standard communication port RS232, communication with computer.

Professional software, original data re-analyzing, repeat analyzing and printing batch of curves in one graph.

Test reports can be saved in such formats as Excel, html, and so on, convenient to distribute and edit.

**Technical Data**

Test range: 0-5N

Accuracy:  $\pm 0.5\%$  of reading force

Stroke: 70 mm, 150 mm

Mass of sled: 200g (non-standard sled can be ordered)

Test speed: 100, 150 mm/min

Ambient condition: Temperature 10° C-40° C

Humidity 20%RH-70%RH

Dimension: 630mm(L)×360mm(B)×230mm(H)

Power: AC 220V 50Hz / 60Hz

Net weight: 33kg

**Standards**

ISO8295, ASTM D1894, GB 10006, GB/T 17200, TAPPI T816

**configuration**

Standard: mainframe, sled of 200g

Optional: Software, communication cable, and non-standard sled of 500g