



COF-202 Coefficient Friction Tester

Application

Applies to plastic films, laminated films, extrusion films, foils, sheets, rubber, paper, paperboard, wood, brake pad, tyres, windshield wiper, conveyor belt, hare, metal, carbon rod, catheter, artificial skin etc testing of static coefficient and dynamic coefficient, especially used in food & pharmaceutical industries, quality inspection departments as well as research and development institutions.

Features

- 1: 2 patents and 2 counts of software copyright registration.
- 2: ISO,ASTM, GB and Customized test mode.
- 3: Highly accurate load cell, ac-servo drive.
- 4: Test speed can be set freely in the range.
- 5: Touch screen operation.
- 6: Real color TFT LCD display.
- 7: Wide range sample thickness test available.
- 8: Sled mass freely input.
- 9: Micro-printer built-in.
- 10: Overload, limit position protection.
- 11: Low power consumption and silence running.

12: DB9 RS232 communication port.

13: COFlex professional computer software support.

14: Group test, auto multiple curves display and auto statistic calculation.

15: DSM system is optional(Laboratory Management Information System), easy to manage test data.

Technical Indexes

1: Load cell range: 5N, 10N, 20N, 30N (Optional)

2: Accuracy: 0.05%FS MAX.

3: Max travel distance: 400mm.

4: Displacement accuracy: better than 0.1mm.

5: Sled mass: 200g (Personal customization available)

6: Sled area: 63mm X 63mm. (Personal customization available)

7: Test speed: 1 ~ 300mm/min.

8: Sample thickness: 30mm. (optional)

9: Power supply: AC 220V 50Hz. (optional)

10: Power consumption: 25W.

11: Dimension: 650mm(L) × 340mm(B) × 210mm(H)

12: Net weight: 42kg.

Standards

ISO 8295, ASTM D1894, TAPPI T816, GB 10006

Configuration

Delivery: main unit, micro-printer, sled 200g.

Optional: Computer, COFlex professional computer software, communication cable, non-standard sled, calibration assemblies, DSM software system.

Note: Specifications are subject to change without prior notice.