

COF-02 Coefficient Of Friction Tester

COF-02 Coefficient of Friction Tester is applicable in static and kinetic coefficient of friction tests of plastic films, sheets, rubber, paper, PP woven bags, fabric style, metal-plastic composite strips/belts for communication cable, conveyor belts, wood, coatings, brake pads, windshield wipers, shoe materials and tyres, etc. With the material smoothness testing, users can control and adjust material quality technical indexes to meet application demands. Besides, this tester is applicable for the smoothness measurement of cosmetics, eye drop and other daily chemistry.



CHARACTERISTICS

- 7-inch touch screen operation, stylish and convenient man-machine interface
- Support any slider quality, the test speed can realize stepless speed regulation, the motion drive system is stable and the running accuracy is high
- The test curve shows the change trend of the force value during the test in real time
- Compliant with GMP user multi-level authority, test data historical records can be queried, data cannot be changed, and audit trails are available
- Support static friction, dynamic and static friction measurement mode
- The instrument meets various test standards of GB, ISO and ASTM, and the test method can be selected according to customer needs
- The instrument test bench and test slider are degaussed and detected by remanence, which effectively reduces the system test error
- The sensor adopts world-renowned imported components, with stable and reliable performance
- Professional software can automatically perform statistical analysis of the results of single-piece and group tests
- Micro-printer, a note to print test statistical results at any time
- Equipped with standard USB communication interface

TECHNICAL INDEXES

- Test Range: 0-5N
- Accuracy: $\pm 0.5\%$ of reading force
- Stroke: 400 mm
- Mass of sled: 200g (standard)
Note: sleds of other weights can be ordered, sleds of any weights supportive.
- Test Speed: 0 ~ 800 mm/min
- Power: AC 220V 50Hz
- Dimensions: 800mm(L)×390mm(B)×260mm(H)

Net weight: 25kg

STANDARDS

ISO8295, ASTM D1894

CONFIGURATION

Standard: mainframe, mini-printer, sled of 200g

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