

COF-01 Coefficient Of Friction Tester

COF-01 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

- PLC control and touch screen operation
- Real time display of test data, results and curves
- Both the static and kinetic coefficient of friction can be measured
- In accordance with multiple international standards
- Test results calculation, analysis and curve superposition
- RS232 output and professional software
- Microprint of easy printing of test result

SCREEN IMAGE

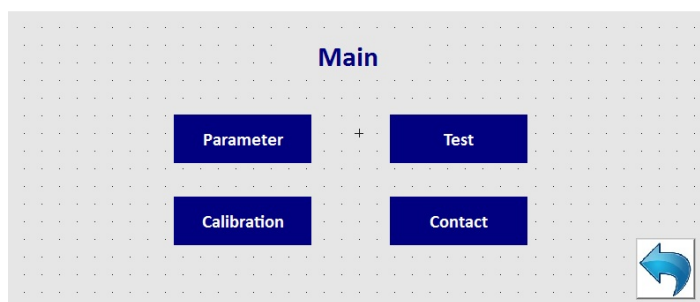


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COF-01 Coefficient Friction Tester

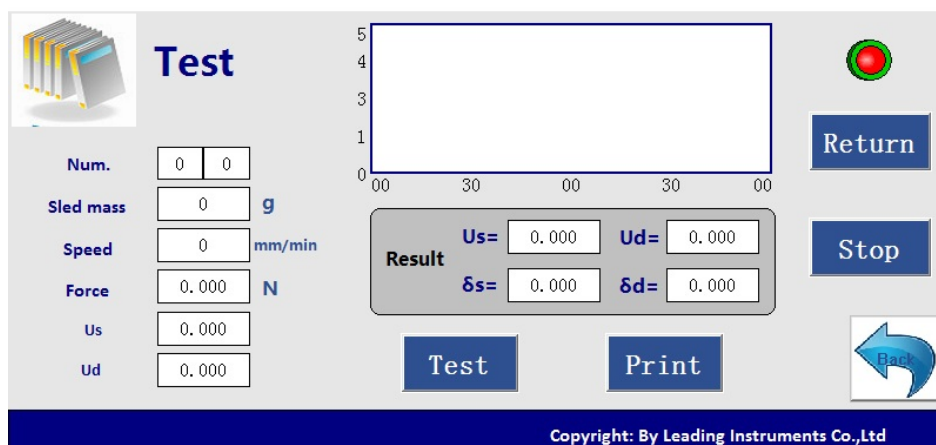
COF-01 Coefficient Friction Tester



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Test

Num.

Sled mass g

Speed mm/min

Force N

Us

Ud

Result

Us= Ud=

δs= δd=

Test **Print**

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TECHNICAL INDEXES

Test Range: 0-5N

Accuracy: $\pm 1\%$ of reading force

Stroke: 150 mm

Mass of Sled: 200g (other weights customization available)

Test Speed: 100mm/min (ISO) or 150mm/min (ASTM) (other speed customization available)

Ambient Condition: temperature: 10°C~40°C, humidity: 20%RH~70%RH

Power: AC 220V 50Hz

Dimensions: 540mm(L)*380mm(W)*240mm(H)

STANDARD

ASTM D1894

CONFIGURATION

Standard: mainframe, micro-printer, 200g sled

Optional: communication cable and software

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Please Note: pictures used are for illustration purposes only and may differ from the actual product received.

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