

3100 - 3200

COEFFICIENT OF FRICTION TESTER DIGITAL



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Coefficient Of Friction Tester Digital- 3100

The 3100 coefficient of friction tester is an accurate instrument which helps in measuring sliding and static friction of plastic films and sheets when they slide.

The 3100 friction tester is manufactured to calculate the co-efficient of friction of laminates and other similar material. Static as well as kinetic co-efficient of friction can be calculated on this equipment. This instrument offers the best accuracy while measuring the co-efficient of friction and also comprises of automatic testing mechanism which simulates the actual friction conditions. This further helps in giving precise and accurate test reports.

Features:

- Availability of cutting templates to reduce sample preparation time
- Microprocessor based display for accurate test results
- Display for Dynamic and Kinetic Friction
- Specially Designed Motor which can deliver test speed as per standard
- Memory to hold up to 9 test reading
- Highly accurate test results
- Steel with Glass Mounting as Sample Mounting Surface
- Slider Block for performing tests - Sample to Sample, glass or metal
- No slippage of specimen
- Bright LED display
- Speed drive Optional accessory

Specification:

Load Cell Capacity: 1 Kgf (Customisable on request)

Display: LED (Digital)

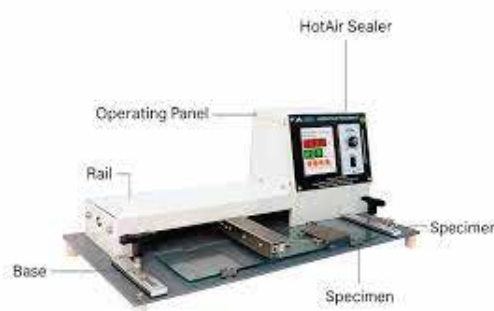
Accuracy: $\pm 0.5\%$ within entire range.

Least Count/Resolution: 1 gm

Power: 220V, Single phase, 50 Hz

Speed: 150 ± 30 mm/min

Motor: 15 kg/cm torque, 60rpm



Coefficient Of Friction Tester Digital- 3200

Description:

The 3200 coefficient of friction tester is an accurate instrument which helps in this determining the COF value of flexible films and laminates. This is the most popular and widely used instrument in the flexible film industry. The coefficient of friction tester provides precise values on the digital display. The computerised model further helps in providing the user with graphical test reports. The coefficient of friction tester computerised instrument consists of an inbuilt software which helps in easy data management and result acquisition. The highly sensitive load cell helps in determining the load value on the digital display. Static and kinetic friction can also be calculated with the help of this instrument.

Features:

- Availability of cutting templates to reduce sample preparation time
- Microprocessor based display for accurate test results
- Display for Static Dynamic & Kinetic Friction
- Specially Designed Motor which can deliver test speed as per standard
- Memory to hold up to 9 test readings
- Highly accurate test results
- Steel with Glass Mounting as Sample Mounting Surface
- Slider Block for performing tests Sample to Sample, glass or metal
- No slippage of specimen
- Bright LED display
- Speed drive Optional accessory

Specification:

Load Cell Capacity: 1 Kgf (Customisable on request)

Display: LED (Digital)

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Speed: 150 ± 30 mm/min

Motor: 15 kg/cm torque, 60rpm

Computerised Software:

- Computerised test reports
- Advanced software with automatic calculation of Friction
- Inbuilt Software • Graphical report of Force Vs Time
- Pass/ Fail report for ease in data interpretation
- Compliance to international Test standards
- Email Test Report Facility with computer • Fast Data saving and acquisition



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

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Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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Our Products & Technologies



LCMS



APS



Maldi TOF



Optima Gas
Chromatograph



Flash
Chromatograph



DAC
Column



GCMS
3068



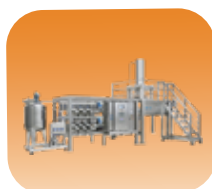
UHPLC



HPTLC



Ion Chromatograph



Production
HPLC



HPLC



Column



DLS



Water purification
system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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