

## FRICION & PEEL TESTER

### HORIZONTAL PLANE METHOD model COF-21

Coefficient of friction (COF) has a key importance in the handling and machinability of printing and packaging materials such as paper, board and plastic films.

The new elegant slim design of the COF-21 requires minimum bench space and offers an user friendly, ergonomic and safe operation to the user and innovative magnetic clamping system of test pieces to the testing table and to the sled. It features RS232 serial port and installed thermal printer.

The exclusive interactive and intuitive software offers options for complete COF and Peel tests or basic tests for quick checks. The complete tests reports statistical calculation and calculation of static and dynamic COF or Peel.

The large LCD display shows a live graphic of the COF test, static peek and dynamic average of the tested sample. The memory automatic storages of the last 500 results and search can be done by date, operator or material.

#### MAJOR TECHNICAL CHARACTERISTICS

Friction force	(1 - 9999) gf
Resolution	0,1 gf
Selectable test units	gf / kgf / lbf / N / mN
Selectable test speed	(10 - 500) mm/min
Test distance	(20 - 150) mm
Supplied with COF-21 - one sled and two templates to prepare test pieces	

#### Sleds options:

- **Light Sled** - 200 g, 4000 mm<sup>2</sup> (63,5 x 63,5) mm with rubber backing
  - For paper testing: TAPPI T-549 · ASTM D 4917
  - For plastic film testing: ASTM D 1894 · ISO 8295 · DIN 53375
- **Heavy Sled** - 1360 g, 4000 mm<sup>2</sup> (63,5 x 63,5) mm without rubber backing
  - For board and corrugated paperboard testing: TAPPI T-816 · ASTM D 3247

#### Optional accessories:

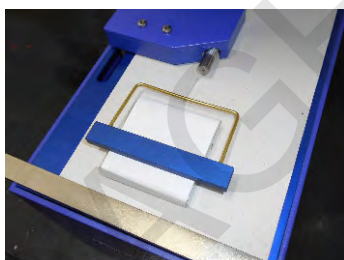
- **PEEL 180°** - test device for peel force of adhesive tapes and labels at 180° according to ASTM D 3330
- **PEEL 90°** - test device for peel force of adhesive tapes and labels at 90° ASTM D 3330

Power supply	220 VCA, 50/60 Hz, 100 W, single phase
Dimensions	(590 x 230 x 440) mm (H x W x D)
Weight	25 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.



Control panel



Magnetic clamping system