



Pulp Beating Freeness Tester TP-C10

Water Absorption Tester TP-C2 Series

COBB Sample Cutter TP-C30

Coefficient of friction tester TP-D10

Pulp Beating Freeness Tester TP-C10

Pulp beating (refining) freeness tester TP-C10 is used to measure the rate of dilution of pulp suspended water materials and to determine de-watering time. It is adopted with spring pre-tightening mechanism keeps the rubber sealing ring of the sealing hammer body in contact with the bottom of the water filtering tube. This increases the sealing performance of the sealing hammer body.

Features

- Use of Schopper-Riegler test method for designing
- Adopted with spring pre-tightening mechanism
- Measurement range 0 to 100° SR
- Equipped with manual compression seal cone
- Simple user-friendly operations

Application

Pulp beating freeness tester has applications in pulp & paper industry, packaging industry.

Specifications

Model no.	TP-C10
Measurement range	0 to 100° SR
Sealed testing speed	100 ± 10 mm/s
Volume of distilled water	1000 ± 5 ml
Draining time	149 ± 1 s
Residual water volume	7.85 to 8 ml
Hydraulic pressure	>0.3 MPa
Dimension	450×250×1100 mm
Net weight	40 kg

Water absorption tester (KLEMN type) TP-C20

Water absorption tester TP-C20 is used to measure the degree of water absorption of a paper & cloth. Designed using 'Rise in capillary by millimeters' principle, where a specimen is suspended in a vat filled with water. The capillary rise of water in paper/cloth is the water distance rise in a strip of paper/cloth suspended vertically with its lower end immersed in water.

Features

- Use of 'Rise in capillary by millimeters' technology
- Maximum absorption height 200 mm
- Specimen size 15×250 mm
- User-friendly operations

Application

Water absorption tester is used to measure the degree of water absorption of paper in pulp & paper industry.

Specifications

Model no.	TP-C20
Measurement range	0 to 200 mm
Specimen size	15×250 mm
Division value	1 mm
Number of specimen holders	5
Dimension	420×250×380 mm
Weight	15 kg

Water absorption tester- Cobb Tester TP-C21

Water absorption tester- Cobb Tester TP-C21 is used for the determination of the water absorption of sized paper, paperboard, and corrugated paper under standard conditions within 200 to 250 g/m² range by Cobb method. It is adopted with overturn structure for ease of operations.

Features

- Adopted with overturn structure
- Use of Cobb method for water absorption
- Absorption speed 75 mm/10 min
- Sample diameter 125 mm
- User friendly operation

Application

Cobb tester (water absorption tester) is used to test water absorption of sized paper, paperboard, and corrugated paper in paper & printing industry, packaging industry.

Specifications

Model no.	TP-C21
Metal Cylinder inner area	(100 ± 0.2) cm ²
Metal Cylinder height	50 mm
Metal roller width	(200 ± 0.5) mm
Metal roller weight	(10 ± 0.5) kg
Absorbency paper	200 to 250 g/m ²
Absorbency speed	75 mm/10 min
Sample diameter	125 mm
Dimension	270×400×300 mm
Net weight	35 kg

COBB sample cutter TP-C30

COBB sample cutter TP-C30 with user friendly operations, benchtop design, is an important instrument for paper & cardboard cutting. It can cut the sample quickly & precisely. It is the ideal auxiliary instrument for the packaging, paper industry.

Features

- Circular sample cutter
- Maximum sample diameter 125 mm
- Sample thickness range 0.1 to 1.0 mm
- User friendly operations

Application

COBB sample cutter is used in paper & packaging industry for quick and precise cutting of paper, board.

Specifications

Model no.	TP-C30
Sample diameter	125 mm
Sample error	± 0.2 mm
Sample Thickness	0.1 to 1.0 mm
Dimension	240×288×435 mm
Net weight	25 kg

Coefficient of friction tester TP-D10

Coefficient of friction tester TP-D10 is used in testing the static & kinetic friction coefficient of plastic films and sheet. Tester is designed in accordance with ISO 8295 standard. It is supported by professional software to print single or group results, reports and curves automatically.

Features

- Microprocessor controlled computer system
- Equipped with build-in mini printer
- Quick start options for starting new test
- Simultaneously measures kinetic & static coefficients of friction
- LCD screen display
- Easy to use

Application

Coefficient of friction tester is used to test kinetic and static coefficient of friction samples, materials used in paper & cardboard industry.

Specifications

Model no.	TP-D10
Measurement range	0.01 to 10 N
Slider weight	200 g
Slider size	63×63 mm
Testing accuracy	± 2 %
Dimension of working plate	170×225 mm
Speed of slider	100 ± 10 mm/min
Slider stroke	Max 100 mm (adjustable)