

Absorbency Testing Device sft 03t
Method Cobb/Unger
with integrated timing attachment



Application:

The instrument is used for determining absorption of liquid mediums, such as water, aqueous solutions, oils, varnishes and others at paper, card-board and corrugated board from the top and bottom sides within a predetermined time.

For water, this is effected according to DIN EN 20535, ISO 535, CPPAF 2, APPITA/AS 1301.411, F.E.F.C.O No. 7, SCAN P12, SCAN P37 and TAPPI T 441.

Construction:

The testing device consists of a base plate, on which a pillow block with an electronic stop-watch is located. The cylinder support and oscillating crank handle, which are rigidly mounted to each other, are arranged in a rotatable manner in the pillow block. The liquid recipient is located loosely in the cylinder support, so that it can easily be replaced. The lid is mounted to the cylinder support by hinges and is resiliently arrested on the liquid recipient by means of a locking device. The initial tension of the spring is adjustable to enable testing of paper and cardboard with different thicknesses.

Technical Data:

- Basic instrument
- Quenching plate
- Quenching roll
- Specimen template
- Electronic stop-watch

Inside diameter
of reservoir: 112.8 mm

Height of reservoir: 44.0 mm

Max. thickness of specimen: 4.0 mm

Type of battery: R3; UM 4, 1.5 V

Quantity of timers: 3 pcs.

Range: min. 1 s

max. 19:59:59 h

Weight of the instrument: 5.5 kg

Weight of the couch roll: 10.0 kg