

No. 2071

Automatic scanning liquid absorptometer KM500win

Liquid penetration behavior of paperboard is important, since it is closely related to water fastness, printability and processibility. Paper products are usually sized for improving water fastness and writing quality. The degree of sizing is an essential factor of paper quality. This absorptometer is based on the Bristow's method, provided with a fundamentally improved measurement system, and fully automatic measurement procedures with computer control.

(Features)

1. Spiral scanning of the head enables measurement of small specimens (about 10 cm square),
2. Direct reading of liquid transfer volume from the moving speed of the meniscus in the communicating tube, not from the area.
3. Computerized control of scanning and reading.
4. These features permit automated Bristow measurement in a short time.

Measurement disc: 300 mm in diameter

Head box: 5 mm wide, 1 mm of slit width

Contact time: 5 m sec. to 10000 m sec.

Measurement time: about 1 to 5 minutes

Scanning: spiral

Specimen size: minimum 10×10 cm

Liquid specimen: 10 ml or more (about 0.5 ml consumed in one measurement)

Accessory: PC for control

Power source: 100/110 VAC 50/60 Hz 3 A

Outer dimensions: 635×500×350 mm

Instrument weight: 30 kg



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