



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 10cm square),
- 2.Direct reading of liquid transfer volume from the moving distance 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: 300mm in diameter

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

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

Measurement time: about 1 to 5min.

Scanning: spiral

Specimen size: minimum 10 × 10cm

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

Accessory: PC for control

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

Outer dimensions: 570 × 550 × 350mm

Instrument weight: 36kg