

a measurable difference...



Sonic Sheet Tester

Model: SST 4000

The Sonic Sheet Tester SST series fiber orientation testers are used for analysing fiber/molecular orientation of sheets such as paper and plastic film with the technique using ultrasonic propagation velocity measurement. The result of the SST analysis has a very good correlation with “Young’s modulus” which represents tensile stiffness. Fiber/molecular orientation is a very important property of paper and film sheet for many applications such as high speed and precise colour printing to keep good run-ability, converting to strong corrugated paper box structure.



Application:

- Pulp
- Paper

Specifications:

- Interval of measuring angle: 11.25 degrees
- Distance of propagation path: 120mm
- Velocity measuring range: 0.75 – 500 km/s
- Velocity measuring accuracy: $\pm 0.3\%$ of FS
- Angle measuring accuracy: ± 0.5 degree
- Measuring time: approx. 13 sec

Options:

- Automatic Feeding Device

Connections:

- **Electrical:** 220/240 VAC @ 50 HZ or 110 VAC @ 60 HZ

(please specify when ordering)

Dimensions:

- **H:** 250 mm • **W:** 240 mm • **D:** 420 mm
- **Weight:** 11 kg

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