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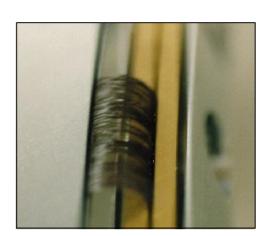
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## **KES-FB2-S**

## **Pure Bending Tester**





Hair



Seat belt

Capable of measuring bending rigidity and recoverability of paper, hair, non-woven fabric and film, etc.

Measured values are obtained using a load cell which can detect the micro area correlated with sensory evaluation.

Capable of measuring the differences of surface treatment and softening treatment.

Measurement is completed in about 20 seconds.

## **Specification**

Dimensions/Weight (approx.)	Measurement unit: W210 × D240 × H660 (mm) / 25 kg Amplifier: W180 × D400 × H400 (mm) / 10 kg
Power supply	100 VAC Maximum power consumption: 10 W
Measurement environment	20 to 30°C / 50 to 70%RH  No condensation. Keep the temperature and humidity stable during measurement.  (Standard conditions: 20°C / 65%RH)  Note: The tester must be installed at a location with minimal effect from airflow and vibration.
Bending load detection	Torque detector: Detecting system for torsional moment of a steel wire  Torque sensitivity: Full-scale 4, 10, 20, 50 gf · cm  Accuracy: ±0.5% or less of full-scale
Curvature detection	Curvature detector: Potentiometer  Maximum curvature: K=±2.5 cm <sup>-1</sup> Accuracy: ±0.5% or less of full-scale
Rate of bending deformation	0.5 cm <sup>-1</sup> /sec
Sample size	Dimension: 100 x 100 mm (standard) Thickness: 1 mm (max.)

XPlease be aware that the contents are subject to change without notice.

KATO TECH CO., LTD.