



PAPER TESTING ASSOCIATION

PAPER Testing Equipment



RESONANCE STIFFNESS TESTER (Type KODAK)

Code N4100

For the evaluation of the stiffness according to the resonance length method.

Applicable Standards: ISO 5629, NF Q.03025, DIN 53123/1

TEST DESCRIPTION:

The instrument consists of base, housing, clamping device with hand wheel adjustment, swinging clamp with vibration device, power supply, stroboscope light and magnifying glass.

The operator mounts one end of the sample into the fixed clamp and inserts the other one into the adjustable clamp. The oscilloscope produces a resonance with a frequency of 25 Hz. The operator now adjusts the moveable clamp to reach the highest possible sample amplitude. The distance between the clamps is reported as resonance length.

SPECIFICATIONS:

- Vibration frequency: 25.0 ± 0.25 Hz.
- Oscillation height: less than 0.2 mm
- Resonance length scale: 0 to 300 mm
- Clamping pressure: approx. 0.6 N/cm²
- Clamping width: max 28 mm
- Max. sample width: 6 mm
- Electrical connection: 110 – 230 V 50/60 Hz
- Weight (equipment only / with packaging): 32 kg / 65 kg
- Dimensions (W x L x H - equipment only / with packaging): 330 x 370 x 780 mm / 600 x 600 x 1100 mm



Sold & serviced by:

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