



PAPER TESTING ASSOCIATION

PAPER Testing Equipment



RESONANCE STIFFNESS TESTER SYSTEM « KODAK »

Code N4100

For the evaluation of the resonance of stiffness

Applicable Standards : ISO DP5629 - NF Q.03025 - DIN 53123/1



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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.

TEST DESCRIPTION :

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 in order to reach the highest possible sample amplitude. The distance between the clamps is reported as resonance length.

SPECIFICATIONS :

- Clamp frequency : 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

WEIGHT AND DIMENSIONS (MACHINE):

330 x 370 x 780 mm (WxLxH) / 32 Kg

WEIGHT AND DIMENSIONS (BOX + MACHINE):

600 x 600 x 1100 mm (WxLxH) / 65 Kg

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