



No.2041

Bekk smoothness tester, HK model

Smoothness of paper is one of the important factors to evaluate writing and printing aptitudes of paper. With this machine, test is conducted in the following procedure: place a sheet of paper on the well polished surface of glass constituting an optical surface, apply a 0.1MPa pressure on the top of the paper and measure the time needed for a 10cc air to penetrate through the gap between the paper surface and the glass surface. To solve the problem of consumption of much time for measurement of specimens with a high smoothness, a rapid measurement system is provided, which is able to measure penetration time of 1cc air, 1/10 of the standard air volume.

Measurement area: 10 + 0.05cm²

Specimen pressurization: 100kPa

Pressurization type: cam

Vacuum meter: digital

Timer: max. 99999.9seconds

Measurement vacuum: 50.7 to 48.0kPa

Measurement air volume: 10cc or 1cc, selectable

Referential standards: JIS P-8119-1998, ISO 5627, TAPPI T479om-99

Power source: 100/110VAC, 50/60Hz 1A

Outer dimensions: 380 x 290 x 510mm

Instrument weight: 24kg