

## Bekk Smoothness Tester, HK Model

Model No. 2041

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 0.1 MPa 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 can measure penetration time of 1cc air, 1/10 of the standard air volume.

### Specifications

<b>Measurement Area:</b>	10 + 0.05cm <sup>2</sup>
<b>Specimen Pressurization:</b>	100kPa
<b>Pressurization Type:</b>	cam
<b>Vacuum Meter:</b>	digital
<b>Timer:</b>	max. 99999.9seconds
<b>Measurement Vacuum:</b>	50.7 to 48.0kpa
<b>Measurement Air Volume:</b>	10cc or 1cc, selectable
<b>Referential Standards:</b>	JIS P-8119-1998, ISO 5627, TAPPI T479om-99
<b>Power Source:</b>	100/110VAC, 50/60Hz 1A
<b>Air Source:</b>	0.5MPa
<b>Outer Dimensions:</b>	380 x 290 x 510mm
<b>Instrument Weight:</b>	24kg



Sold & serviced by:

**OpTest Equipment Inc.**

[www.optest.com](http://www.optest.com) - [sales@optest.com](mailto:sales@optest.com) - +1-613-632-5169