

Smoothness and Porosity Tester (Bendsten Type)

Roughness of paper or similar material is defined as the volume of air that forced by a sepcified pressure difference escapes in unit time by passing between the surface of the specimen and flat metal ring resting on a specimen and exerting a definate pressure on it.

A sample is placed on a perfect plane glass plate, measuring head on the test piece a controlled and small air pressure pass through a flat metal ring and the specimen. The pressure difference read off on selected rotameter tube. The Bendtsen Smoothness & Porosity Tester is used for determining the smoothness and porosity of paper, paperboard and similar material is based on air leak principal.

