

Smoothness & Porosity Test Bendtsen Type

Linux Bendtsen Smoothness & Porosity Tester is used for determining the smoothness and porosity of paper, paperboard and similar is based on leak principal. A sample is placed on a perfect 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. This instrument is similar to the Sheffield smoothness tester, but it has the ability to measure smoothness or roughness of paper and paperboard that is too rough for measurement with the Sheffield smoothness tester.

Applications:

- Paper
- Liner
- Tissue
- Printing

Specifications:

- Three rotameter tubes : 5-150, 50-100 & 300-3000 ml/min.
- Contact pressure roughness : 98 kpa by measuring head. of weight 267 +/- 0.5 gram.
- Air permeance 10 cm² area.
- Power supply : 220 VAC 50Hz.

Features :

- Compressor for generation of pressure included in delivery.
- Measuring head for surface roughness tests.
- Measuring head (porosity head) for air permeability tests.
- switch over from air permeability tests to surface roughness tests.

Dimensions:

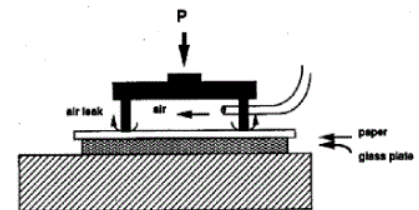
- Depth: 500 mm
- Height: 600 mm
- Width: 500 mm

Weight:

- Net Weight: 20 kgs
- Gross Weight: 30 kgs

Standards:

- TAPPI T 535
- ISO 5636/3
- ISO 8791/2
- SCAN P 21
- SCAN P 60
- BS 4420



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