

Z S C H E

SCHOPPER TESTER



PAPER PULP DRAINING TEST
(FREENESS TESTER)

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TECHNICAL SPECIFICATIONS

The Schopper–Riegler test determines the rate of drainage of the pulp in a diluted suspension.

It measures the rate of drainage of a diluted pulp suspension. The drainage rate is related to the surface conditions and swelling of the fibers.

USED IN

- Paper manufacturers.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 300 mm.
- Depth: 470 mm.
- Height: 1440 mm.
- Weight: 25 kg.

RELEVANT STANDARDS

- TS EN ISO 5267
- EN ISO 17229
- DIN 53120-2
- ISO 5636-2
- ASTM D726-84
- TS EN ISO 5267-1

TECHNICAL INFORMATION

- Conical nipple speed : 100 ± 10 mm/s.
- Calibrated lower hole: 149.0 ± 1.0 S For 1litre of H₂O.
- Drainage chamber volume: 1000 ml.
- Drainage area: 100 cm².
- Sieve holes: 0.18 mm.
- Pneumatic drive: 2.0 kgf/cm².
- Measurement scale: 0 - 100°SR.
- Resolution: 1°SR.
- Air supply: 2 kgf/cm².
- Air consumption: 0.1 m³/h.

OPTIONAL ADDITIONS

- Manual operated model.
- Pneumatic operated model.
- Sieve sizes are optional : 2 %, 2,5%, 3%, 3,5%, 4%, 4,5%, 5%, 5,5%, 6%, 6,5%, 7%, 7,5%, 8%.

Note: DVT DEVOTRANS reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.

