



Digital Speed Dryer

Model SD24 / SD36

Rapid and uniform drying for handsheet preparation

The TMI Büchel Digital Speed Dryer SD24 / SD36 is designed for the rapid drying of laboratory handsheets following pressing and prior to physical evaluation. The system combines digitally controlled heating with uniform heat distribution to support faster sample preparation while maintaining consistent drying conditions.

Designed for pulp and paper laboratory workflows, the Speed Dryer helps improve efficiency during handsheet preparation while supporting repeatable downstream physical testing.

Improve drying consistency and reduce preparation time

Uniform and controlled drying is essential for reliable handsheet evaluation. The Digital Speed Dryer uses full-width heating elements and insulated construction to ensure even heat distribution across the drying surface while reducing perimeter heat loss.

The digitally controlled hot plate allows operators to accurately set and monitor temperatures between 0–150°C, helping improve repeatability across different sample types and testing environments.

Designed for laboratory workflows

The Digital Speed Dryer is used as part of a standard handsheet preparation workflow following pressing and prior to physical testing. The long-life Nomex drying pad allows moisture to escape efficiently during drying, while anodized aluminium or optional Teflon-coated surfaces support easier handsheet removal.

Available in two drying surface sizes, the system can be configured to suit different laboratory throughput requirements.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Technical Specification:

Applications	Pulp, Sample Preparation, Paper, Recycled Paper
Standards	TAPPI T205, PAPTAC C.4
Temperature Range	0–150°C (32–302°F)
Electrics	110–230V / 50–60Hz
Weight	Model SD24: 28 kg Model SD36: 37 kg
Dimensions	Model SD24: (W) 630 mm x (H) 200 mm x (D) 457 mm Model SD36: (W) 935 mm x (H) 200 mm x (D) 457 mm

Features & Benefits:

- Rapid drying capability reduces sample preparation time
- Digital temperature controller improves drying consistency
- 0–150°C temperature range supports flexible drying conditions
- Uniform heat distribution improves repeatability across samples
- Nomex drying pad allows efficient moisture release
- Separate control box improves long-term component life
- Insulated body reduces perimeter heat loss
- Cool-touch handle improves operator safety during use
- Anodized or Teflon-coated surface options support easier handsheet removal

Ordering Information:

SKU	Article Description
73-17	Digital Speed Dryer SD24 / SD36

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