

LABORATORY CALENDER GK 300 L

The GK 300 L is a precise and flexible solution for reproducing industrial calendering processes on a laboratory scale. Designed for accuracy, reliability, and ease of operation, it delivers the process conditions your R&D and quality teams need to develop, test, and optimize materials and processes. Its compact footprint makes it ideal for laboratories where space and precision are equally important.

TECHNICAL SPECIFICATION

Roll width: 300 mm

Roll diameter: 200 mm

Roll coating: hard -chrome plated

Speed: up to 5 m/min

Gap adjustment: mechanical & hydraulic

Gap accuracy: $\pm 1 \mu\text{m}$

Compression force: up to 150 kN

Electrical roll heating: +25 °C up to +150 °C

Trolley for mobile operationing

Operation via touch panel

Modular positioning of units on trolley

Dimensions: L 1.800 x W 970 x H 1.700 mm; weight: 950 kg



OPTIONAL

Active gap-/ force control

Integrated feeding options

Optional modular components

Roll heating: up to +200 °C

Roll coating: tungsten carbide, rubber or other on request

Embossing rolls with customized pattern

Mechanical unwinder

Driven rewinder with edge control system

Multi-winding system for lamination application



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