

Laboratory Glass Coating Plate Wet Film Applicator

Item Number: TB14



Introduction

Laboratory glass coating plate and wet film applicator for uniform film preparation, secure sample fixing, stable coating work, simple cleaning and economical laboratory coating evaluation across research workflows and material testing applications with reliable repeatable handling in demanding laboratories.

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Application	Description	Key Benefit
Coated Paper Preparation	Use the glass plate and supplied clamp to secure paper while preparing a wet coating film. The available 110 × 180 mm, 160 × 280 mm, and 230 × 340 mm formats accommodate different paper sample sizes.	Provides a stable, defined surface for preparing uniform coating samples with controlled substrate placement.
Laboratory Wet Film Preparation	Prepare small-format wet films on a flat glass working area for laboratory coating studies and comparative sample work.	Offers a simple and economical method for producing consistent test films without complicated equipment.
Coating Formulation Evaluation	Apply coatings to fixed paper substrates and compare samples prepared under similar working conditions.	Supports repeatable sample handling and more straightforward visual or process comparison.
Black Plastic Sheet Coating	Use the 180 × 480 mm format for coating black plastic sheet, as specified for this configuration.	Provides a longer working area suited to the designated black plastic sheet application.
Materials Research Workflows	Integrate the unit into benchtop workflows that require a flat glass surface, secure test material, and easy post-use cleaning.	Improves day-to-day handling efficiency while keeping the preparation method accessible and economical.
Laboratory Teaching and Method Development	Demonstrate basic coating preparation and substrate-fixing procedures using a visible glass surface and manual clamp arrangement.	Makes the coating process easy to understand, inspect, and clean between experimental activities.

Parameter	Specification
Model	TB14
Product Type	Laboratory glass coating plate and wet film applicator
Construction	Glass plate fastened to a special plastic plate
Glass Plate Thickness	8 mm
Glass Surface	High-flatness glass plate
Support Structure	Rubber support structure
Anti-Slip Design	Rubber anti-slip feet
Sample Retention	Steel clamp secures the test paper during coating
Clamp Description	Electroplated clamp
Working Area	Equal to the glass plate dimensions
Operating Method	Test material is fixed with the supplied clamp during coating
Cleaning	Easy-to-clean glass working surface

Configuration	Glass Plate Size	Intended Coating Material
TB14 Paper Coating Configuration 1	110 × 180 mm	Coating paper
TB14 Paper Coating Configuration 2	160 × 280 mm	Coating paper
TB14 Paper Coating Configuration 3	230 × 340 mm	Coating paper
TB14 Black Plastic Sheet Configuration	180 × 480 mm	Coating black plastic sheet