

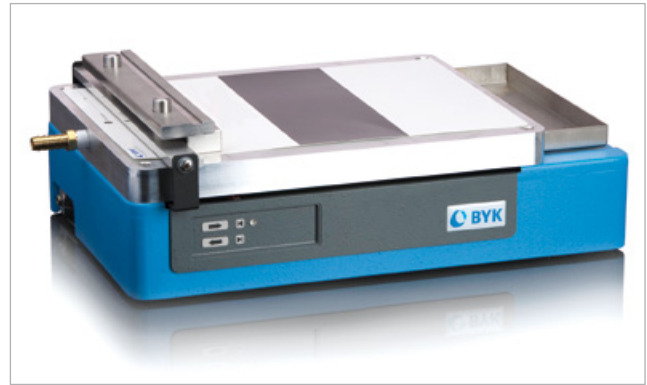
byko-drive

Automatic Film Applicator

The byko-drive Automatic Applicator is an economical film applicator that improves the consistency of drawdowns. When more than one operator is drawing down the same coating or ink, the dry film appearance will vary because of different drawdown techniques. Drawdown speed and pressure on the applicator tool will impact the result. Film thickness, gloss, opacity, and color can vary with differing drawdown techniques.

The byko-drive is available with a vacuum plate or glass plate with clamp. Applicator bars, U-shaped bars, applicator frames, film casting knives, and wire-wound rods are acceptable applicators. The byko-drive has a compact design consisting of a light-weight aluminum chassis and impact resistant thermo-plastic cover.

- User selectable start and stop positions to accommodate different chart sizes
- Power assist carriage return for ease of operation
- Drip pan for faster cleanup
- Weight and bar fixture for consistent pressure on applicator devices
- Small footprint to save on counter space
- Easy to operate user controls
- Adjustable push bar gap clearances



2121 byko-drive V Automatic Film Applicator

Standards

ASTM D 823

The byko-drive has two user selectable speeds:

- 10 mm/sec – complies with ISO method 11998
- 1 in/sec – same speed setting as the BYK-Gardner Mechanical Drive

Ordering Information

Cat. No.	Description
2121	byko-drive V
2122	byko-drive G

Comes complete with:

byko-drive
Weight bar (2123)
External power supply
Drip pan
Instruction manual

Note: Applicators and Vacuum Pump must be ordered separately.

Technical Specifications

Platform	with vacuum plate
	with glass plate and clamp
Voltage	100 - 240 V/50 - 60 Hz
Traverse speeds	10 mm/sec or 1 in/sec
Traverse speed accuracy	±5%
Wire bar diameter limits	6 - 19 mm (0.25 - 0.75 in)
Wire bar length maximum	406 mm (16 in)
Stroke length	25 - 235 mm (1 - 9.25 in)
Weight	6 kg (13 lbs)
Test panel size maximum	229 x 305 mm (9 x 12 in)
Dimensions	365 x 229 x 127 mm (14.38 x 9 x 5 in)
Gap between push-bar and plate	3.7 mm, 10.0 mm, 16.4 mm

Accessories

Cat. No.	Description
3879	Vacuum Pump, 115V
3877	Vacuum Pump, 230V, European plug
3875	Vacuum Pump, 230V, UK Plug
3876	Vacuum Plate S
2129	Weight Bar, 1,362 gm (3.0 lbs)
2123	Weight Bar, 454 gm (1.0 lb)
2128	Weight Bar, 908 gm (2.0 lbs)
2124	Power supply, for byko-drive
2125	Drip pan
2127	Glass plate + clamp
2126	O-ring Set (10 pcs)
2130	Long Push Arm, pair, Adjustable gap