

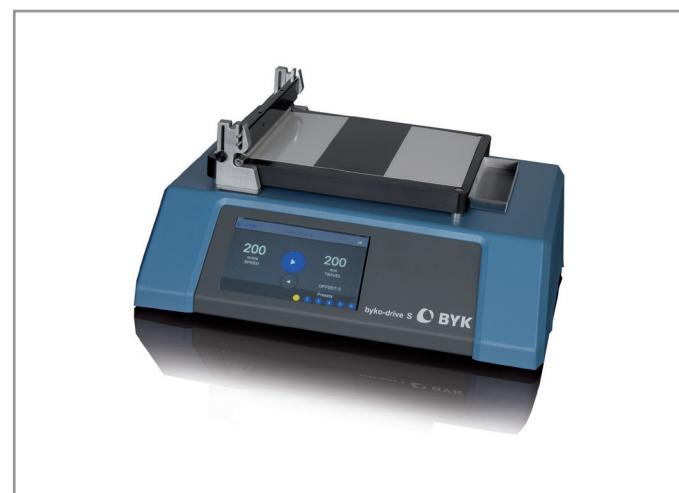
byko-drive S

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



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



Standards

ASTM D823
ASTM D4147

Catalog Number	2139	2140
Short Description	byko-drive S, V	byko-drive S, G
Platform	with vacuum plate	with glass plate
Traverse speeds	2 - 200 mm/s or 0.1 - 7.9 in/s	
Traverse speed accuracy	±1%	
Wire bar diameter	max. 15 mm max. 0.6 inch	
Wire bar length maximum	24 in 60 cm	
Stroke length	2.5 - 23.5 cm 1 - 9.25 in	
Test panel size maximum	9 x 12 in 22.9 x 30.5 cm	
Gap push-bar / plate	2 - 39 mm 0.08 - 1.54 in	
Power supply	100 - 240 V, 50/60 Hz	
Weight	13.2 kg 29 lb	
Dimensions: L x W x H	47 x 35.6 x 20.3 cm 18.5 x 14 x 8 in	

Delivery Content

Byko-drive S, with vacuum plate or glass plate
Push-bar weight, 500g, S (2142)
External Power Supply
Power cords (US,EU)
Drip pan (2125)
Manual

Catalog Number	Short Description	Delivery Content
3879	Vacuum Pump 115V	Vacuum pump with pressure gage and regulator Power cord Flexible tube 1,5 m
3877	Vacuum Pump, 230V	Vacuum pump with pressure gage and regulator Power cord Flexible tube 1,5 m
3875	Vacuum Pump, 230V UK plug	Vacuum pump with pressure gage and regulator Power cord Flexible tube 1,5 m
3876	Vacuum Plate S, black anodized, 9x12"	Vacuum plate 2 x Hose fitting (one to fit 1/4" tubing and one for 3/8" tubing) Rubber footings
2125	Drip Pan	
2138	Screen Protector	
3882	Vacuum Plate, Stainless Steel 9x12"	Vacuum plate 2 x Hose fitting (one to fit 1/4" tubing and one for 3/8" tubing) Rubber footings