

byko-drive XL

Automatic Film Applicator

The byko-drive XL Automatic Film Applicator has the most flexible design to perform drawdowns of coatings and inks. The dry film appearance is impacted by drawdown speed and pressure on the applicator tool. A programmable speed control from 5 - 500 mm/sec. in 1 mm/sec. increments is standard. Interchangeable weights apply pressure across the entire length of the applicator for a consistent film thickness. The push bar is designed to accommodate a wide variation in wire-rod sizes, applicator bars, applicator frames, and film casting knives.

The touchscreen display makes it easy to program the operating parameters: traverse speed, start position, and stroke length. There are six memory locations to save routine settings.

The byko-drive XL has a vacuum plate and glass plate platform versions. The vacuum plate and glass plates are user interchangeable for labs that need both platforms.

- Adjustable push-bar gap clearance for thicker substrates or large height applicators
- Built in vacuum pump with 2 zone vacuum plate (for 2131)
- User definable start position and stroke length to accommodate all drawdown chart sizes
- Weight bar options to change the downward force onto the applicator
- Two year warranty
- CE/UL/CSA certified
- 8 selectable languages: English, German, French, Spanish, Italian, Portuguese, Chinese, Japanese
- Metric and English unit scales engraved on vacuum plate to easily set start position and stroke length



byko-drive XL, Vacuum plate version

Standards

ASTM	D 823, D 4147
ISO	11998

- Convenient applicator storage shelf
- Switchable between metric and English units
- Vacuum plate can be used with an external vacuum source
- Light weight design
- Can accommodate virtually all applicators and wire-wound rods without additional hardware
- Drip pan for easy clean-up
- Programmable speeds from 5 - 500 mm/second

Ordering Information

Cat. No.	Description
2131	byko-drive XL, V with vacuum plate
2132	byko-drive XL, G with glass plate

Comes complete with:

byko-drive XL
Weight bar (2135),
External power supply,
Drip pan,
Short instructions,
2-year warranty

Accessories

Cat. No.	Description
2133	Vacuum Plate, XL
2134	Glass Plate, XL
2135	Push-bar weight, 500 grams
2136	Push-bar weight, 1000 grams
2137	Drip Pan, XL
2138	Screen Protector

Technical Specifications

Traverse Speed	5 - 500 mm/s (0.2 - 19.6 in/s)
Traverse Speed Accuracy	1% of set speed
Speed Display Resolution	1 mm (0.10 in)
Wire Bar Diameter Maximum	15 mm (0.6 in)
Wire Bar Length Maximum	600 mm (24 in)
Test Panel Size Maximum	285 x 438 mm (11.2x 17.2 in)
Stroke Length Maximum	380 mm (15.0 in)
Set-up Memory	6
Gap Clearance between push-bar & plate	2 - 39 mm (0.08 - 1.54 in)
Push-bar Weight	500 grams (up to 1500 grams with optional weights)
Maximum vacuum (2131 only)	0.67 bar (20 inHg)
Vacuum Zones	2
Voltage	100 - 240VAC/50-60 Hz
Dimensions	610 x 445 x 204 mm (24.0 x 17.5 x 8.0 in)
Weight	17 kg (37.4 lb)