

# byko-drive XL

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.



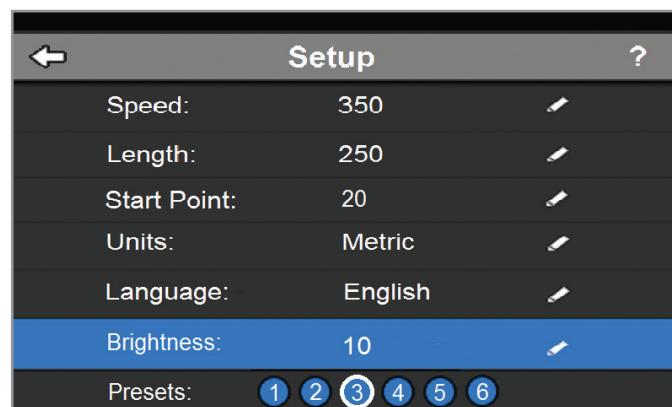
The byko-drive XL has a vacuum plate and glass plate platform versions. The vacuum plate and glass plates are user interchangeable for labs that need both platforms.

- Programmable speeds from 5 – 500 mm/second
- 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
- 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



## Standards

ASTM D823  
ASTM D4147  
ISO 11998

Catalog Number	2131	2132
Short Description	byko-drive XL, V	byko-drive XL, G
Platform	with vacuum plate	with glass plate
Traverse speeds	5 - 500 mm/s (0.2 - 19.6 in/s)	
Traverse speed accuracy	1% of set speed	
Wire bar diameter	max. 15 mm max. 0.6 in	
Wire bar length maximum	24 in 60 cm	
Stroke length	max. 40 cm max. 15.7 in	
Test panel size maximum	11.2 x 17.2 in 28.5 x 43.8 cm	
Gap push-bar / plate	2 - 39 mm 0.08 - 1.54 in	
Push-bar Weight	0.5 kg (up to 1.5 kg with optional weights)	
Set-up Memory	6	
Maximum vacuum	0.67 bar (20 inHg)	
Power supply	100 - 240 V, 50/60 Hz	
Weight	17 kg 37.4 lb	
Dimensions: L x W x H	61 x 44.5 x 20.4 cm 24 x 17.5 x 8 in	

## Delivery Content

byko-drive XL with vacuum plate or glass plate  
Push-bar weight, 500g (2135)  
Power supply for byko-drive (2124)  
Drip pan, XL (2137)  
Manual

Catalog Number	Short Description
2133	Vacuum Plate, XL
2134	Glass Plate, XL
2135	Push-bar weight, 500g, XL
2136	Push-bar weight, 1000g , XL
2137	Drip Pan, XL
2138	Screen Protector