

byko-drive XL

New!

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.

- 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

Ordering Information

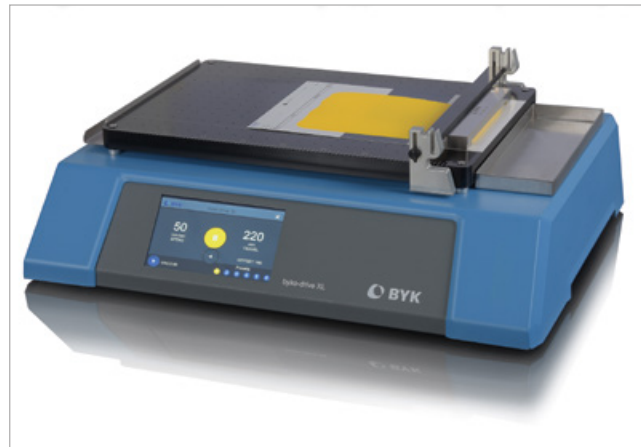
| Cat. No. | Description |
|----------|------------------------------------|
| 2131 | byko-drive XL, V with vacuum plate |
| 2132 | byko-drive XL, G with glass plate |

Comes complete with:

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

Accessoires

| 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 |



byko-drive XL, Vacuum plate version

Standards

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|------|---------------|
| ASTM | D 823, D 4147 |
| ISO | 11998 |

- 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

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/s (0.10 in/s) |
| Wire Bar Diameter Maximum | 15 mm (0.6 in) |
| Wire Bar Length Maximum | 600 mm (24 in) |
| Test Panel Size Maximum | 285x438 mm (11.2x 17.2 in) |
| Stroke Length Maximum | 400 mm (15.7 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 | 610x445x204 mm (24.0x17.5x8.0 in) |
| Weight | 17 kg (37.4 lb) |