

# LM9000 In-Line Series: Precision Laminating Solutions

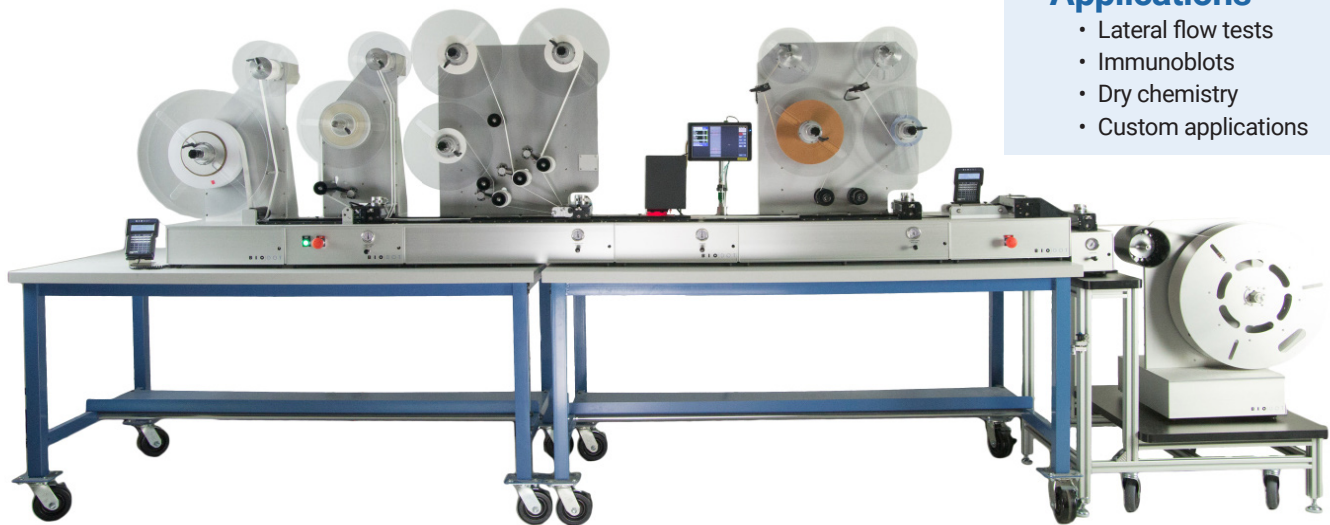
## Improve Product Quality and Increase Manufacturing Throughput

### Continuous Lamination

The LM9000 Laminating System provides continuous lamination of materials onto a plastic support backing with adhesive. Typical applications would be lamination of rapid diagnostic test strips or urine dip sticks. The backing reel, material payout reels, cover tape reels, vision inspection, cutting and final take-up sections are designed to be modules, allowing users to pick and choose options and configurations based on their product and throughput requirements. Customization is also available.

### Applications

- Lateral flow tests
- Immunoblots
- Dry chemistry
- Custom applications



LM9000

### Features/Benefits

- Precision lamination
- Continuous processing
- Flexible design for multiple processes
- Moderate to high volume production throughput
- Easy to set up, operate and maintain
- Quick release and adjustable guide rollers
- Data storage to support multiple products
- Systems can be upgraded after purchase\*
- Chassis mounted

\*System Configuration Dependent

### System Options

- Backing material payout w/Liner take up
- Membrane lamination w/Tracking
- 1, 2 or 3 material payout
- Cover tape payout w/Liner take up
- Vision inspection with reject marking
- Complete laminated card take-up reel
- In-line guillotine cutting
- Environmental enclosures
- Custom modules and configurations
- Other modules are available!

To learn more about the LM9000, scan this QR code with your smart devices:



## LM9000 In-Line Series: Precision Laminating Solutions

### General Specifications

#### Backing Width

- Up to 100 mm

#### Backing Reel Core

- 3/6.0 in. (76/152 mm)

#### Backing Reel OD max

- 18 in. (458 mm)

#### Payout Width

- Up to 100 mm

#### Payout Reel Core

- 3.0 in. (75 mm)

#### Payout Reel OD max

- 12/16.0 in. (304/406 mm)

#### Liner Take-up Reel OD max

- 8.0 in. (200 mm)

#### Linear Web Speed

- Up to 100 mm/sec

#### Lamination Tolerance

- Typically <math>\pm .25\text{ mm}</math>

#### Lamination Roller Pressure

- 0 - 40 PSI

#### Dimensions (L x W x H)

- 79 in. x 20 in. x 34 in.\* (2006 x 508 x 863 mm)

#### Power Requirement

- 110/220 VAC, 50/60 Hz

#### Air Requirement

- 60 - 125 psi (clean/dry air)

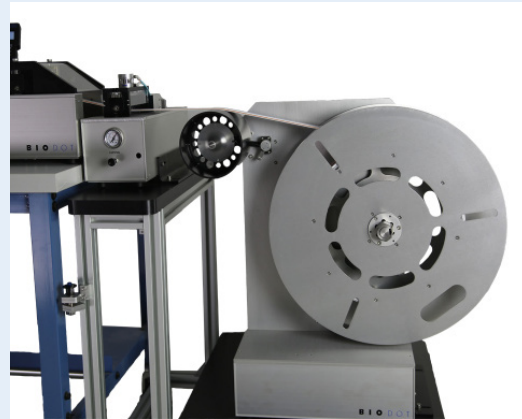
#### Weight

- 550 lbs\*

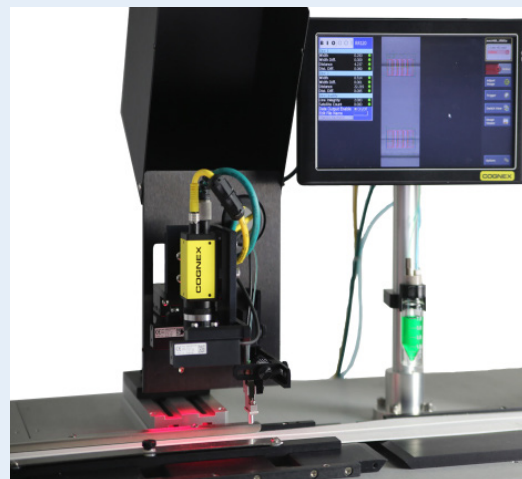
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### In-line Lamination System

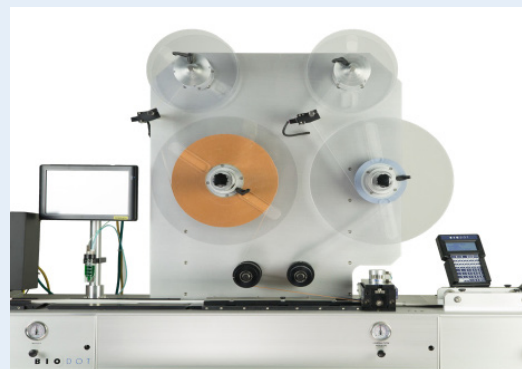
For over 25 years, BioDot has been providing dispensing, laminating and cutting systems in the rapid test market. Our long-lasting relationships with customers are built on precision products and quality service around the world.



Take-Up Reel Option



Vision Inspection Option



Cover Tape 2 Material Options

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