

LM5000 Batch Lamination: Lamination System

Simplify Product Development and Improve Product Quality

Applications

- Lateral flow tests

Batch Lamination System

The LM5000 clamshell laminator is a manual device used to assemble lateral flow test strips.

Precut membrane, conjugate pad, absorbent pads and plastic backing are brought together with precision overlap to create a laminated master test strip card.

The clamshell module uses vacuum to hold each component in place. The operator positions the plastic backing with the adhesive exposed on the top section.

Absorbent pads, conjugate and membrane are all placed into the bottom custom designed nest. Closing the module will enable the backing to align with other components and the card to be laminated.

Multiple nests can be purchased to accommodate different test designs. Nests are easily interchangeable.



LM5000 with lateral flow test strips

Features/Benefits

- Precision alignment
- Custom to your specifications
- Simultaneous lamination of most test components
- Does not require scored release liner on the plastic backing card
- Nests are interchangeable
- R&D to moderate production throughput
- Easy to set up, operate and maintain
- Compact footprint

To learn more about the LM5000, scan this QR code with your smart device:



LM5000 Batch Lamination: Lamination System

General Specifications

Dimensions (L x D x H)

- 43 cm x 36 cm x 40 cm

Weight

- 13 kg

Vacuum Requirement

- 2.5 CFM @-18 in Hg

Options

Additional Customer Nests

Vacuum Pump

Specifications subject to change without notice



LM5000



Rapid Lateral Flow Test

EASY to use
PRECISION alignment
CUSTOM nest design

To learn more about the LM5000, scan
this QR code with your smart device:

