

# LM5000

## BATCH LAMINATING SYSTEM

### FEATURES AND BENEFITS

#### Precision Alignment

- Material aligned with dowel pins and a custom design nest

#### Convenient

- All materials are laminated at once
- Does not require scored plastic backing
- Versatile for R&D and manufacturing needs

#### Simple

- Easy operation
- High-throughput



The LM5000, also known as the Clamshell, is a manually operated module designed for the accurate assembly of pre-cut materials into a specific test strip product. Pre-cut membrane, absorbent material, conjugate pads and plastic backing are brought together to form a laminated lateral flow test strips. The Clamshell Laminator offers maximum productivity for a manually operated system.

The Clamshell Laminator contains top and bottom vacuum nests to hold test strip materials in place for the lamination process. The nests are customized to the customer's design, but are easily interchangeable so other designs can be laminated. When the nests are brought together accurate alignment of the laminate is achieved.

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## SPECIFICATIONS

### Dimensions (L x W x H)

- **Standard:** 16 in x 12 in x 3 in
- **500 mm Nest:** 24 in x 12 in x 3 in

### Weight

- 27 lb (12.3 kg)

### Vacuum Requirement

- 25 CRM @ 18 in Hg

## OPTIONS

- Additional Customer Nests
- Vacuum Pump