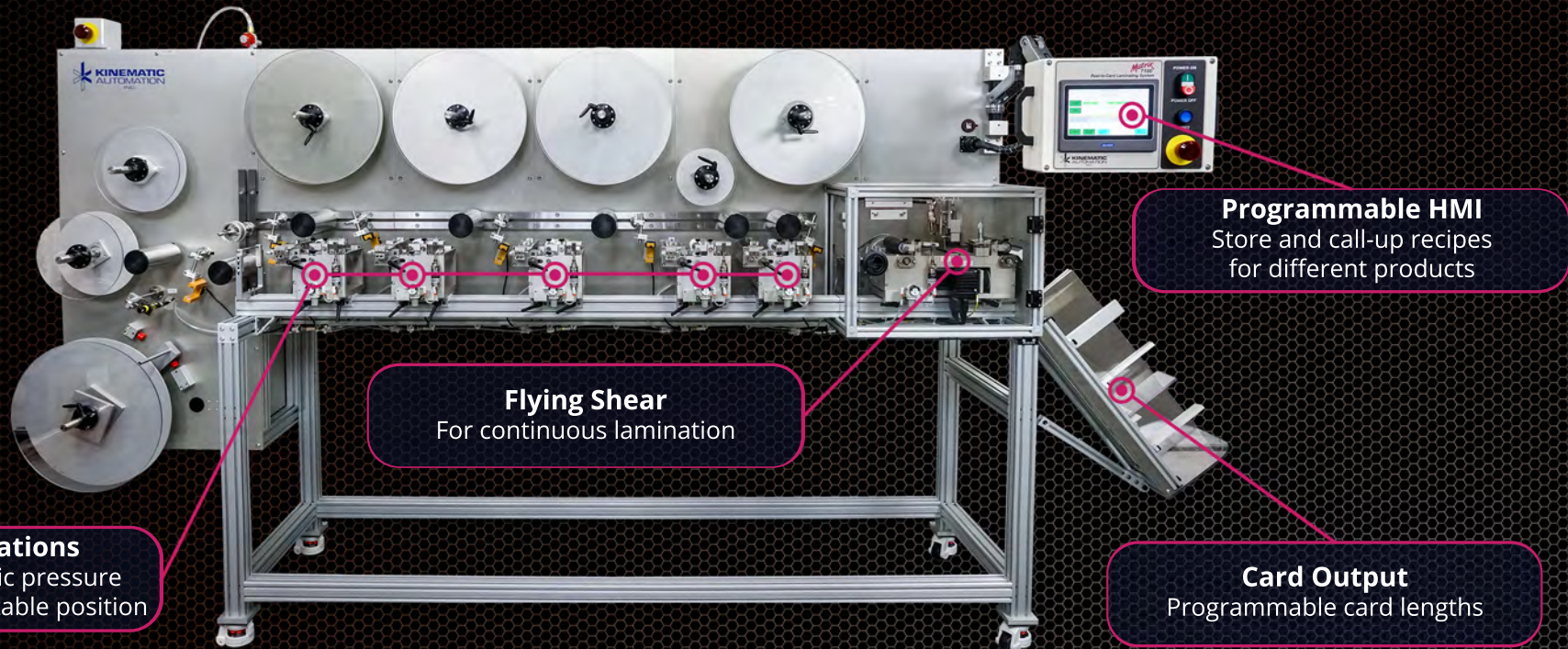


Matrix™ 7100

Up to 1200
Cards/Hour

Automated Lamination System



Warranty: 12 Months



The *Matrix 7100* offers continuous lamination of diagnostic membranes in a solid, high efficiency system. The resulting laminate is cut into individual cards for further conversion in downstream processes.

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Matrix™ 7100 Automated Lamination System

Capacities

Web width: 6 mm to 101.6 mm
Laminate reels: 76.2 mm ID x 355.6 mm OD
Nitrocellulose reel: 76.2 mm ID x 226 mm OD
Backing web reel: 152.5 mm ID x 410 mm OD
Optional take-up reel: 154 mm ID x 925 mm OD

Performance

Throughput: 1200 cards/hour
(20 ea 304.8 mm cards/min)
Card length: 200 mm to 600 mm ±1.0 mm
Lamination tolerance: 0.25 mm plus material
width tolerance
Speed range: 5 mm to 120 mm/sec

Facilities Requirements

Power 208/230 VAC, single phase, 50/60 Hz, 20 A
Process air 5 lpm @ 5.4 bar

Dimensional Specifications (approx.)

Main system: 277 cm w x 58 cm D x 156 cm H
Take-up reel option: 160 cm W x 60 cm D x 120 cm H
Main system weight: 659 lbs. (299 kg)

Key Features

Touch screen interface for simple setup and operation
Simple & precise web guide alignment, on the fly adjustment
Rapid changeover to support multiple products
Flexible to support changing requirements
Welded and extruded frame mounted
Flying shear for continuous card cutting

Options

100% in-process inspection with reject marking
Additional payout modules (with or without tension control)
Take-up reel module
Cover tape payout position
Custom configurations



*Lamination Station
with Pneumatic Pressure*



Vision Inspection Option



Take-up Reel Option



Specifications subject to change without notice