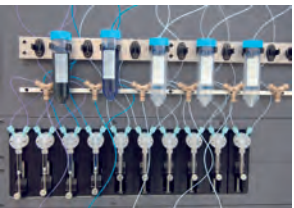


*State-of-the-Art Manufacturing
Systems for the Test Strip Industry*

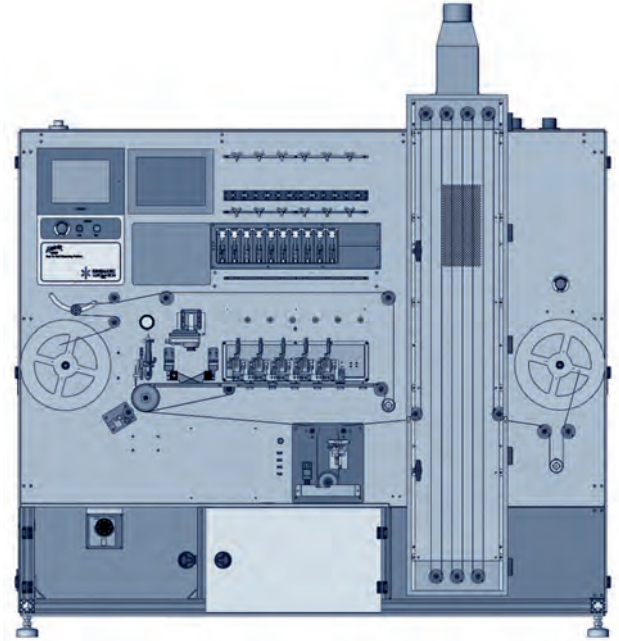
Matrix™
**6200 Reel-to-Reel Dispensing
Platform**



Matrix™ 6200

The Matrix 6200™ Reel-to-Reel Dispensing Platform offers continuous reagent dispensing in a compact high efficiency module.

Kinematic's commitment to continuous technological advancement has led to the development of a line of standard systems and modules for manufacturers of diagnostic test strips. From the development laboratory to the production floor, Kinematic's Matrix™ systems offer cost effective advanced technologies for all strip manufacturing processes including dispensing, laminating, cutting and packaging.



SPECIFICATIONS

Key Features

- Web drying chamber (40' length – 12.2m)
- Very low web tension capability
- Simple set-up and operation
- Flexible design allows a variety of process applications
- Multiple recipe storage
- Simple validation
- Closed loop speed control

Capacities

Web width 0.25" to 4" (0.5 to 10 cm)
 Backed nitrocellulose, or similar web
 Web supply and rewind . . . 3"ID x 9"OD (7.5 to 22.5 cm)

Performance

Web speed
 Range 12" to 355"/min. (30 cm to 900 cm/min.)
 Set point accuracy ±1%

Options

- 100% In-process vision inspection & reject marking module
- Contact or non-contact striping
- Custom configurations
- Micrometer adjust line positions
- Dispense up to 6 lines
- Dip tank with liquid level sensor plus peristaltic pump
- Air Dehumidifier for drying chamber

Specifications subject to change without notice

The Matrix 6200™ Reel-to-Reel

Dispensing Platform was developed to meet the requirements of the moderate to high volume production facility. The unit was designed in modular fashion to allow process flexibility while at the same time optimizing product yields and throughput. The Matrix 6200™ has applications for continuous striping of membranes including dip-coating and/or spraying processes. The integral High Efficiency Dryer provides for a hands-free dispensing/drying process allowing improved efficiency and product quality.

The ability to continuously stripe up to 6 lines with optional 100% inspection allows the ultimate in quality and throughput. Multiple recipe storage provides for simple and reliable set-up & operation while simplifying process validation.

Facilities Requirements

Power. 208 VAC, 50/60 Hz, 30 Amp
 single phase
 Process air . . . 2.5 cfm @ 80 psi clean, dry air
 (70.8 l/min @ 5.3 bar)

Operating environment

Relative humidity not to exceed 35%
 Temperature 55° to 80°F (10° to 27°C)

Dimensional Specifications (approximate)

Size 90"w x 48"d x 88"h
 (2.28m x 1.23m x 2.24m)

Weight 1450lbs (658kg)

Warranty 12 months

Komax is the exclusive representative of Kinematic in Europe

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