

Matrix™ 1600 Dispensing Module

Up to 20,000,000
strips/yr*

Dispense Pumps
Capable of dispensing
stripes or dots

Dispensing
Precise and accurate non-contact
or contact dispense

Flexible
Development or production
in one module

Integrated Control Panel
Program dispense rates & speeds,
and easily call up different recipes

Warranty: 36 Months

The *Matrix 1600* provides a low cost solution for reagent striping onto lateral flow test strip products. Easy setup makes it ideal for product development.

[Request a Quote](#)

Matrix™

1600 Dispensing Module

Capacities

- Sheet size: 100 mm x 320 mm
- Number of dispense pumps: 1 to 4
- Supply reservoir: 5000 µl
- Syringe: 100 µl (standard size) – 1 ml

Dispensing Capabilities

- Minimum dot volume: 0.5 µl
- Minimum dot spacing: 2 mm
- Stripe Volume: min 0.5 µl to max 20 µl up to ± 3%
- Platen speed: 2 cm to 12 cm/sec ± 1%
- Line spacing: 0 mm to 80 mm

Accuracy

- Dispense Rate: 0.5 - 2 µl/cm ± 5%, 2 - 20 µl/cm ± 3%
- Platen speed: ± 1%

Facilities Requirements

- Power: 110/230 VAC 50/60 Hz 3 A Single Phase
- Process Air: 85 lpm @ 5.86 bar

Dimensional Specifications (approx.)

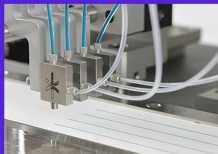
- Size: 55.9* cm W x 48.3 cm D x 38 cm H
- Pumps add additional height - MX10 48.9 cm, CX7 36.2 cm
- *Moving platen extends up to 13 cm beyond chassis
- Weight: 27 kg

Key Features

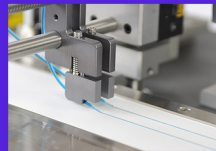
- Can dispense both contact and non-contact simultaneously
- Non-contact pumps can also dispense in contact mode
- Easy change from lines to dots
- Low cost consumables & maintenance
- Ability to store up to 6 different recipe names and configurations including syringe size and syringe fill volume

Options

- Contact or non-contact dispensing
- Various syringe sizes available
- Custom brackets for closer line dispense



*Non-contact
Dispense*



Contact Dispense



*Easy to Use
Integrated Touch Screen*



Specifications subject to change without notice