



*Up to 20,000,000 strips/yr**



DispensingPrecise and accurate non-contact

or contact dispense

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

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





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 μ l to max 20 μ l up to \pm 3%

Platen speed: 2 cm to 12 cm/sec ± 1%

Line spacing: 0 mm to 80 mm

Accuracy

Dispense Rate: $0.5 - 2 \mu l/cm \pm 5\%$, $2 - 20 \mu l/cm \pm 3\%$

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

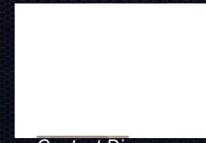
Key Features

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





Contact Dispense

Easy to Use Integrated Touch Screen





Specifications subject to change without notice