

# Matrix™ 5051 Cut & Vial System

Up to 8  
strips/sec\*

### Vision Inspection

Inspects for material orientation  
and reject marks

### Cutting Shear

Sensor registration options  
for cutting strips

### Programmable HMI

Setup product parameters  
View warning conditions

### Material Infeed

Can accommodate web  
or card materials

### Manual Vial Exchange

Can be configure to  
run various vial sizes

**Warranty: 12 Months**

The *Matrix 5051 Cut & Vial System* offers a unique and proprietary high-speed technology for the cutting and plunging of diagnostic test strips into vials.

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\* operator dependent

### Capacities

Card width: 25 mm - 102 mm  
Card length: 200 mm - 400 mm  
Strip width: 3.8 mm to 8 mm ± 0.1 mm  
Card thickness: up to 1.75 mm - samples required  
Card Stack Height: 76 mm  
Vial length: up to 120 mm  
Vial OD: up to 50 mm  
Requires lip on vial to detect placement

### Performance

Cycle Rate: up to 8 strips per second

### Facilities Requirements

Power: 208-230 VAC 60/50 Hz, 20 Amps Single Phase  
Process Air: 85 lpm @ 5.5-8.3 bar

### Dimensional Specifications (approx.)

Size: 89.54 cm W x 127 cm D x 158.75 cm H  
Weight: 226.8 kg

### Key Features

- Programmable strip count per vial
- Easily accommodates multiple vial sizes
- Touch screen operator interface terminal for simple setup and operation
- Automatic feeding of cards or web materials
- Proprietary high speed shear up to 8 strips cut per second depending on strip width
- Automatic edge trim and scrap removal
- Automatic reject management
- Programmable for sample vials

### Options

- Data extraction package
- Stand-alone payout module
- Drop-in change parts for different vial sizes
- Registered strip cutting



*Roll Feed Option*



*HMI & Vision Inspection Screen*



*Vial Exchange Station*



Specifications subject to change without notice