

MatrixTM 5051 Cut & Vial System

Up to 8
strips/sec*

Vision Inspection
Inspects for material orientation
and reject marks

Programmable HMI
Setup product parameters
View warning conditions

Material Infeed
Can accommodate web
or card materials

Cutting Shear
Sensor registration options
for cutting strips

Manual Vial Exchange
Can be configure to
run various vial sizes

Warranty: 12 Months

The *Matrix 5051 and 5050 Cut & Vial Systems* offer a unique and proprietary high-speed technology for the cutting and plunging of diagnostic test strips into vials.

[Request a Quote](#)

* operator dependent

Matrix™

5051 Cut & Vial System

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.)

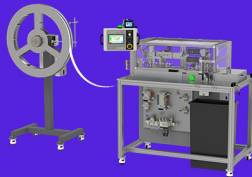
- Size: 89.54 cm W x 127 cm D x 158.75 cm H
- Weight: 226.8 kg

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

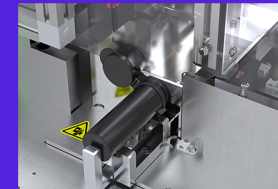
- Data extraction package
- Stand-alone payout module
- Drop-in change parts for different vial sizes
- Registered strip cutting
- Matrix 5050 uses roll feed and no card feed ability



Roll Feed Option



HMI & Vision Inspection Screen



Vial Exchange Station



Specifications subject to change without notice