



EVOLIS™ System

One system, many opportunities





One System...

Today, large laboratories processing multiple tests need to do more with less in order to stay competitive. Labor represents a large cost, so being able to organize staff efficiently is an advantage. The EVOLIS™ System provides that advantage: the operator loads samples and consumables onto each EVOLIS™ System, then walks away to work on other tasks while specimens are processed.



Trusted

- Proven solution
- Uncompromised safety



Flexible

- Adaptable to individual laboratory requirements
- Variable configuration with multiple EVOLIS™ Systems



Consolidation

- Single platform for all testing
- Comprehensive range of assays



Efficient

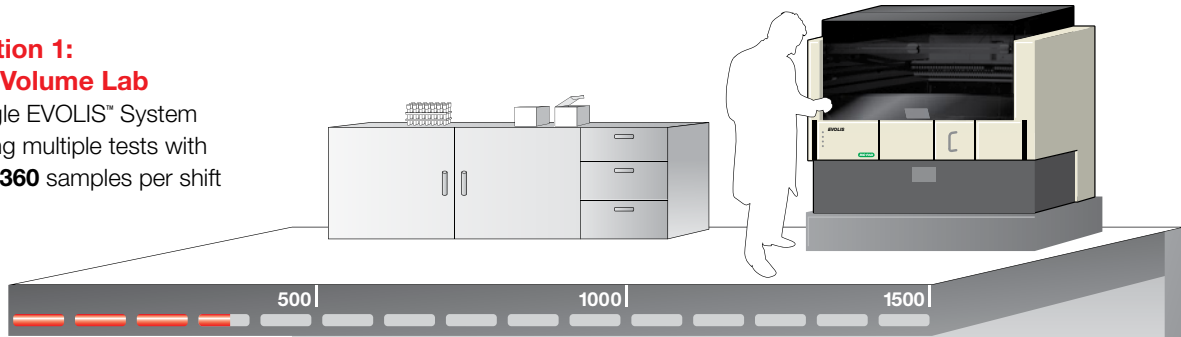
- Intuitive processes
- Full automation

Many Opportunities

With the EVOLIS™ System, you can always find the right solution

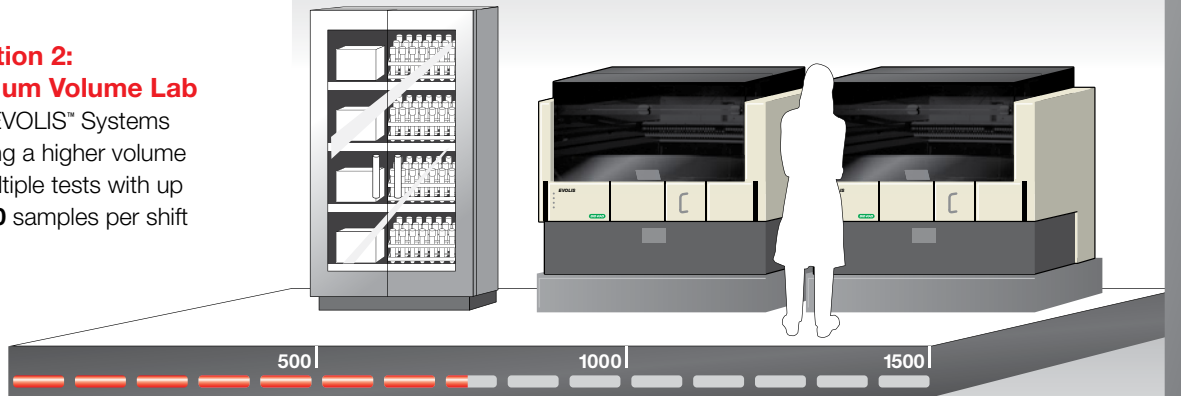
Solution 1: Low Volume Lab

A single EVOLIS™ System running multiple tests with up to **360** samples per shift



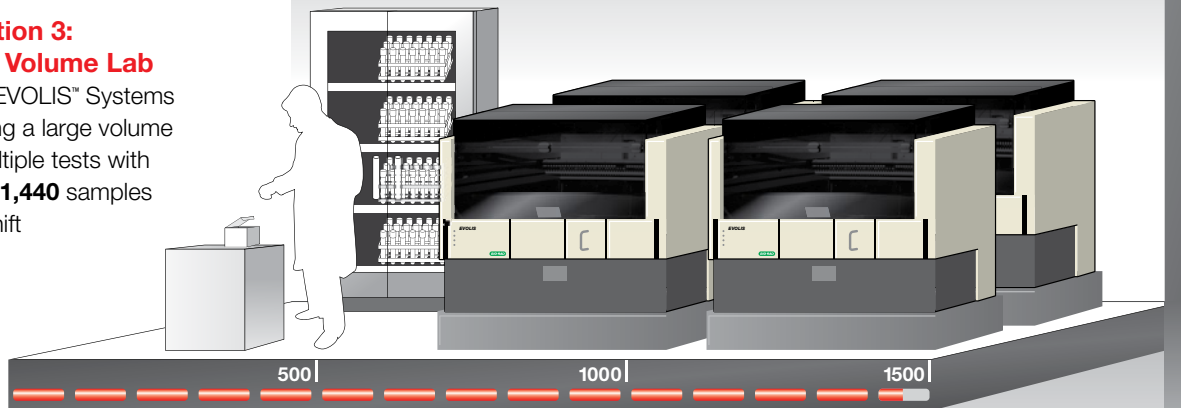
Solution 2: Medium Volume Lab

Two EVOLIS™ Systems running a higher volume of multiple tests with up to **720** samples per shift



Solution 3: High Volume Lab

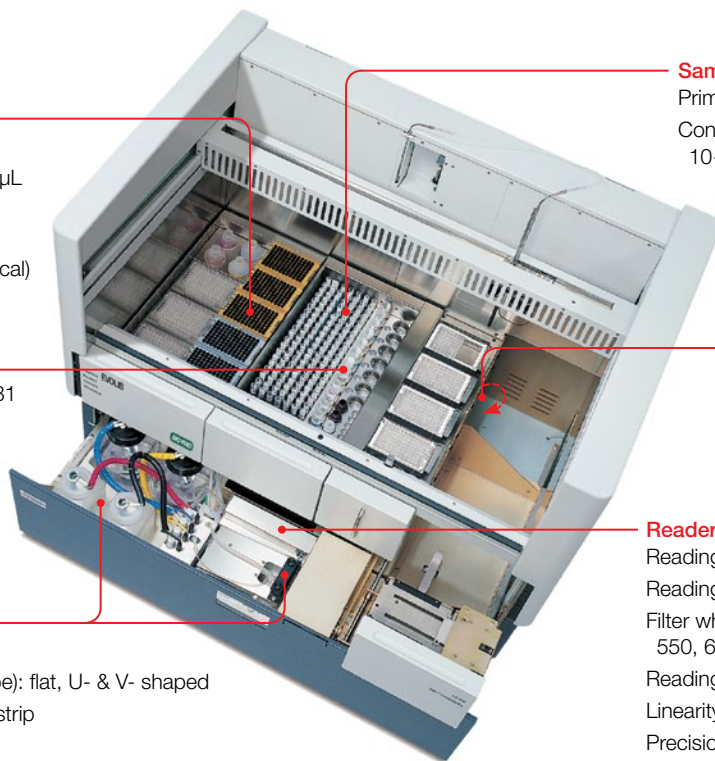
Four EVOLIS™ Systems running a large volume of multiple tests with up to **1,440** samples per shift



Expandable up to 6 EVOLIS™ Systems

EVOLIS™ System

Specifications



Disposable Tips

Carbon tips: 300-1000 µL
 Volume (useable): 10-1000 µL
 Liquid level & clot detection: capacitive
 Tip detection: yes (mechanical)

Reagent Processing

Calibrator & Control capacity: 31
 Reagent container: Bio-Rad reagent bottles
 Reagent bottle volume (mL): 3, 8, 15, 30, 60, 125

Washer Tool

Manifold: 8 channels
 Plate type (bottom shape): flat, U- & V- shaped
 Wash mode: plate and strip

Sample Processing

Primary sample capacity: 180
 Container (diameter & height): 10-16 mm/50-100 mm

Incubation Tower

Loading slots: 4 x ambient T°
 Chambers (independent): 4 x RT + 5-50°C

Reader Tool

Reading head: 8 channels
 Reading range: 0-3.5 O.D.
 Filter wheel: 8 (equipped 405, 450, 492, 550, 620, 690 nm)
 Reading method: (beam) single/double
 Linearity (0-2.0 O.D.): 1%
 Precision (0-2.0 O.D.): 2.5%

Processing Features

Patient samples (100 µL/well): ~16 minutes/full plate
 Reagent (100 µL/well): ~4 minutes/full plate

Data Processing

User Interface
 Software environment: Windows XP operating system

Communication

RS-232 Serial Port
 On-line (bi-directional): ASTM format

Dimensions

Processor module
 Size in inches (H x W x D): 38.0" x 45.2" x 30.4"
 Weight: 209 lbs.

Table Module

Size in inches (H x W x D): 22.0" x 48.0" x 32.0"

Electrical

Line voltage (adjustable): 110/260 V
 Frequency: 47-63 Hz
 Power consumption: 500 VA

Internal Bar Code Scanner

Positive sample ID: yes
 Reagent ID: yes
 Reads: Interleaved 2 of 5, Code 3 of 9, IATA 2 of 5, Industrial 2 of 5, UPC A & E, EAN 8 or 13, Code 128, Pharmacoce, Codabar & EAN Addendum 2 or 5

Note: Specifications are subject to change without prior notice. EVOLIS is a trademark of Bio-Rad Laboratories, Inc. Windows is a trademark of Microsoft Corporation.

Ordering Information

| Catalog No. | Description | |
|-------------|---|----------|
| 89700J | EVOLIS™ System (including analyzer, PC, monitor and printer)..... | 1 system |
| 25167 | EVOLIS™ Workstation Table | 1 unit |



**Bio-Rad
 Laboratories**

For further information, please contact the Bio-Rad office nearest you or visit our website at www.bio-rad.com/diagnostics

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 Diagnostics Group

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