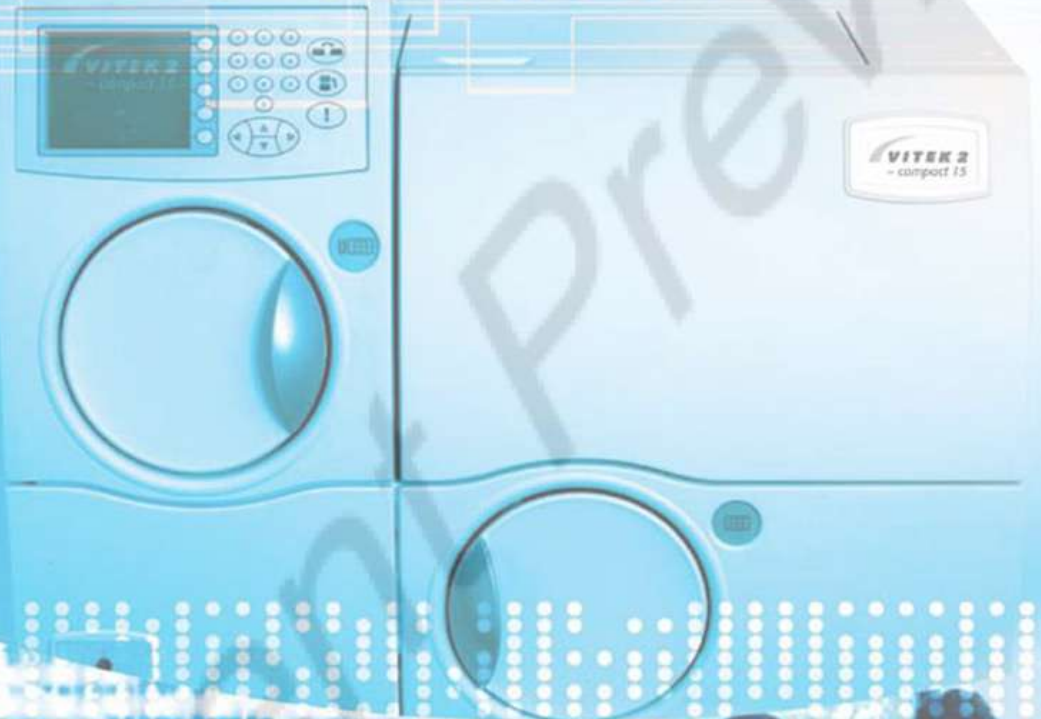# VITEK 2™
— compact 15

Automated Solutions

With a 15-card capacity, the VITEK® 2 Compact 15 offers
the same design as the VITEK 2 Compact 30 and the
VITEK 2 Compact 60. VITEK brings proven automation
and recognized reliability to every laboratory.

BIOMÉRIEUX

Each of the VITEK® 2 family of instruments is based on the same innovative VITEK 2 technology that includes: an expanded identification database, the most automated platform available, rapid results, improved confidence, and limited training time.

PC + Software

VITEK® 2 Compact

Bringing VITEK 2 productivity and automation to every laboratory

➤ **Proven VITEK 2 Technology** available for every size laboratory

➤ **Proven identifications** with advanced colormetric optics that allow for an extended database and increased online identification

➤ **Easy training and implementation** reduce training time with icon-driven, user-friendly Windows-based PC software

➤ **Time, labor, and money savings** improve workflow through automation and barcodes

➤ **Peace-of-mind** and increased confidence with AES, the only second-generation expert system available for antibiotic susceptibility testing. AES provides the added value of a red, yellow or green light and improves time management for critical results

➤ **Same capabilities in all labs** expand the possibility for in-house patient care

Contact your local bioMérieux representative to find out more about **VITEK 2 Compact 15.**

Specifications

Weight:
VITEK 2 Compact 15/30/60
(15/30/60 card capacity) 75 kg (165 lb)

Electrical Power Requirements:
• 100/120 VAC (50-60 HZ)
• 220/240 VAC (50-60 HZ)

Heat Dissipated:
VITEK 2 Compact: 1025 BTU/Hr. (nominal)

Environmental Requirements:
• Operating Ambient Temperature Range: 59°F-86°F (15°C to 30°C)
• Operating Humidity Range: 20% to 80% relative humidity, non-condensing

Altitude:
Up to 2000 m.

Capacity:
15, 30 or 60 cards (2 modules can be connected to the same computer).

Instrument Dimensions:
H 23.6"
W 28.6"
D 26.8"

BIOMÉRIEUX

VITEK 2™ —compact

PC & Software

VITEK® 2 Compact

Designed for Efficiency

- Choose a module designed for 30 or 60 cards.
- A system is comprised of a PC, Reader/Incubator.
- Capable of performing Gram-Negative, Gram-Positive and Yeast Identification and Susceptibility Tests.
- Increase work capacity by connecting 2 Reader/Incubator Modules together.

60 cm (23.6 inches)
68 cm (26.8 in.)
72 cm (28.3)

Weight:
VITEK 2 Compact 30/60:
(30/60 card capacity) 75 kg (165 lb)

Electrical Power Requirements:
- 100/120 VAC (50-60 HZ)
- 220/240 VAC (50-60 HZ)

Heat Dissipated:
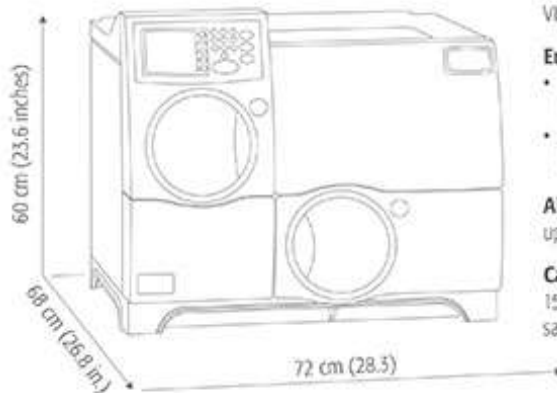VITEK 2 Compact: 1025 BTU/Hr. (nominal)

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Altitude:
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Capacity:
15, 30 or 60 cards (2 modules can be connected to the same computer).

The Compact Solution

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Fax: (800) 968 9494

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BIOMÉRIEUX

from diagnosis,
the seeds of better health

Putting the **Patient First**

Antimicrobial resistance is threatening to significantly reduce the available arsenal of antimicrobials. As a microbiologist, you play a crucial role in providing information that leads to improved **therapeutic success** and **patient outcome**[1] – an increasingly difficult task given the rise in antimicrobial resistance. Helping the clinician select the **best treatment fast** based on the **right identification and resistance information** is crucial.

With **VITEK® 2 Compact**, you can accomplish all this **in less time** and still focus on those tough tasks requiring a microbiologist's specialised skills. This **highly automated** system provides same-day identification and antibiotic susceptibility results.

Same day results

VITEK 2 Card - A unique concept in ID/AST

- Designed to provide ID/AST results in as little as **5 to 8 hours**.[2]
- Reduced hands-on time, **no additional reagents** are required
- Optimized user **safety** as it is a closed disposable
  - Maximum traceability provided with the pre-applied card barcodes
    - Lightweight **reduces disposable costs**

In just **3 easy steps**

Standardization

After primary isolation, handling is minimized in a simple inoculum preparation, standardization and dilution step. The standardized inoculum is placed into the cassette and a sample identification number is entered into the computer software via barcode.

Traceability

The VITEK 2 card type is then read from the barcode placed on the card during manufacture and the card is thus connected to the sample ID. Manufacturer barcodes link the card to patient information in this one easy barcode reading step.

Load and Go

Place the cassette in the filler module. When the cards are filled, transfer the cassette to the reader/incubator module. All subsequent steps are handled by the instrument.

(1) Barenfanger et al, JCM, May 1999, Vol 37, No 5
(2) Rammler, et al, Poster C-123, ASM Orlando, May 2006

VITEK 2 —compact

ID/AST
Load & Go

Reduce Hands-on-Time
Improve Your Workflow

Results at a Glance!

We have designed the VITEK® 2 software to help you get your results out fast.

- **Intuitive, easy-to-use**, familiar Windows-design layout
- **Easy access** to ID and AST results using the navigation tree and filters
- **Rapid result searches** by patient, bench, date tested, organism, technologist, accession number
- Simple bidirectional connection with your **LIS**
- **Automatic validation and transfer** of preliminary results

Antibiotic Choice Made Easy

To facilitate choosing the most appropriate antibiotic, bioMérieux has developed the **Advanced Expert System™** (AES) to provide rapid, accurate "fingerprint" recognition of bacterial resistance mechanisms.

Green indicator: fully consistent results
Yellow indicator: inconsistent result, review requested
Red indicator: unknown phenotype, check results
Purple indicator: phenotype not in database

AES even recommends therapeutic changes when resistant phenotypes are recognized to help ensure therapeutic success.