

Thermo Scientific VersaTREK
Automated Microbial Detection System

Value through versatility, flexibility and
excellence in recovery

Thermo
SCIENTIFIC

The ultimate in versatility: four tests, one platform

The VersaTREK® System is the *only* instrument that offers four FDA-cleared tests on one platform, providing efficiency, space savings and cost containment.

- Blood culture
- Sterile body fluids
- Mycobacteria detection
- *Mycobacterium tuberculosis* susceptibility testing

Need more testing capacity?
Simply add drawers for additional testing locations.



Versatility

"We currently have two VersaTREK 528 units for blood and body fluids, and one 240 for mycobacteria samples and *Mtb* susceptibility. It is nice to know that if we ever have an influx of blood cultures, I can simply place them in our 240 system."

Cost-effectively improves patient care

"... Cost was also a factor and VersaTREK offered our laboratory a cost-effective alternative to our previous system, while improving patient care."

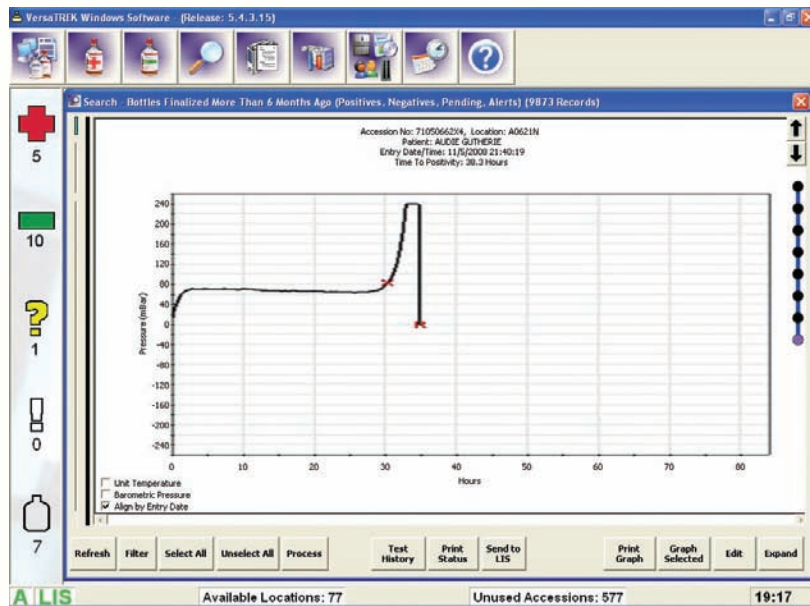
References available upon request

exceptional value

Faster results, fewer limitations, better patient care

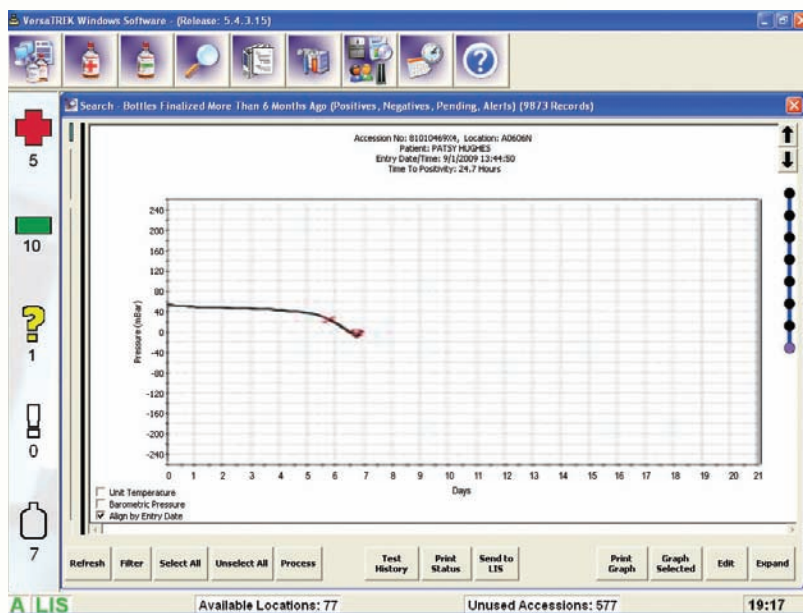
VersaTREK is the *only* system capable of detecting *any* gas produced or consumed by organisms. Because it is not limited to CO₂ production, like other systems, VersaTREK is able to detect a wider range of both common and fastidious organisms. This unique detection technology means faster results with fewer limitations, reducing length of stay and therapy costs, and promoting better patient care.

Organisms that signal on gas production



Staphylococcus aureus
Staphylococcus epidermidis
Streptococcus pneumoniae
Enterococcus faecalis
Escherichia coli
Candida albicans
Klebsiella pneumoniae

Organisms that signal on gas consumption



Brucella suis
Helicobacter spp.
Nocardia spp.
Campylobacter spp.
Brevundimonas vesicularis
Rhodococcus equi
Trichosporum beigellii

Reduce inventory and costs

Just two bottles covers *all* patient populations

Just two bottles are all you need to recover organisms from adults, pediatrics and patients on antibiotics, reducing media costs and simplifying inventory control. VersaTREK REDOX® media have many distinct features, including:

- Only media FDA-cleared for draws as low as 0.1 mL without additional supplements; perfect for pediatric patients
- Largest dilution ratio in the industry (1:9), allowing dilution of serum host factors
- Only FDA-cleared true direct-draw bottle on the market; no need for costly blood-collection adapters



The REDOX two-bottle media system, available in 40 and 80mL sizes, is suitable for all patient scenarios, including pediatric patients.



REDOX 40mL bottles are the *only* FDA-approved blood-culture bottles for true direct draws.

One system, one bottle for *all* Mycobacteria testing

VersaTREK Myco media utilize a unique growth matrix, via cellulose sponges, to provide better detection of all Mycobacteria species.

The VersaTREK System offers four FDA-cleared, primary anti-tuberculosis drugs for *Mtb* susceptibility testing, including:

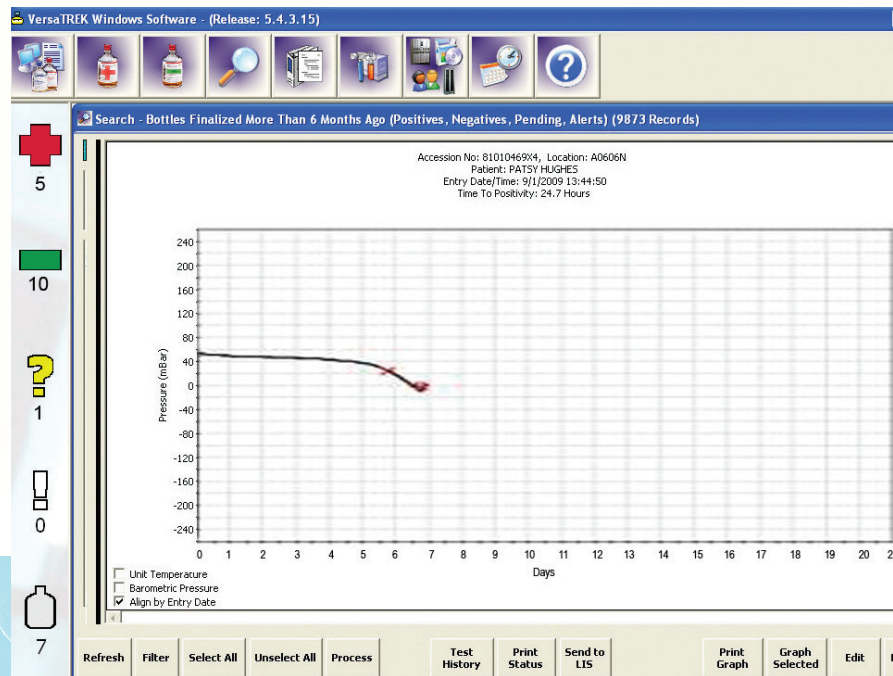
- Rifampin
- Isoniazid
- Ethambutol
- PZA
- Streptomycin*



VersaTREK's detection technology automatically incubates and continuously monitors inoculated Myco culture bottles.

VersaTREK detects mycobacterial growth by automatically monitoring the rate of oxygen consumption within the headspace of the culture bottle every 24 minutes.

*CE-marked- not for sale in the U.S.





Simple, two-bottle media system

One medium, all sample types

"The VersaTREK System offers additional benefits, such as the simplicity of one medium and instrument for all sample types, including processed blood samples and urine."

Proven media excellence

"The VersaTREK two-bottle media system was equivalent when compared to the BACTEC™ 9240 Standard, Lytic and Plus media."

Inventory efficiency

"We really like the fact that we only have to maintain an inventory of two bottle types, instead of three with our old system."

References available upon request



Simple workflow maximizes efficiency

VersaTREK includes a number of features to promote ease of use and enhance workflow:

- Easy scan function for bottle entry
- Simple bottle removal; no scanning-out when testing has completed
- Intuitive icons to reduce training time
- Rapid resolution of transposed bottle and accession numbers
- *No daily QC required!*



VersaTREK software includes intuitive icons for simple navigation.



Patient data and test results are at your fingertips with the VersaTREK software system and touch screen monitor.

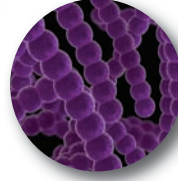
Critical results in one touch

VersaTREK software provides one-touch access to all patient samples and results. Intuitive icons make navigation simple, and powerful search capabilities provide critical information, even if your Laboratory Information System (LIS) is down.



Proven performance

The VersaTREK's comprehensive detection technology, combined with over 15 years of media excellence, provides superior fastidious organism recovery.



Highly-enriched REDOX media supports a wide range of organisms, enhancing the VersaTREK's ability to better recover fastidious organisms.

Reliable, ongoing support

We are dedicated to providing an efficient and organized conversion process, from accurate order placement and successful equipment installation, through training and validation support. Technical service personnel are available 24-7 with remote access to your VersaTREK, making troubleshooting simple.



Your personal VersaTREK trainer will ensure a seamless installation for your laboratory, from start to finish!

Discover why laboratories around the world are choosing VersaTREK

For more information, contact your Area Account Manager in the U.S. at 800 871 8909, or internationally at +44 1342 318777, or visit www.trekds.com/whytrek to see what people are saying about VersaTREK.



Accurate results

"Something we noted quite early was the time-to-positivity was shorter than our previous instrument. This was especially apparent with anaerobes and slow-growing organisms."

Better organism recovery

"Since the implementation of the VersaTREK, we have recovered many more anaerobic organisms, *Campylobacter* spp., and unusual Gram negative non-fermenters."

Comprehensive software, customized analysis

"The VersaTREK's software is intuitive, easy to navigate and comprehensive in its ability to provide the user with an unlimited, customized analysis of the patient database. Dependability, ease-of-use and customer service allow us to remain on the cutting edge of sepsis detection."

VersaTREK Instrument Specifications:

| | 528 Model: | 240 Model: | 240 Model w/ cart: |
|------------------------------------|---|--|---|
| Height: | 76 1/4 in.; 194cm | 40 1/4 in.; 103cm | 76 in.; 193cm |
| Width: | 52 in.; 132cm | 52 in.; 132cm | 52 in.; 132cm |
| Depth: | 30 3/4 in.; 78cm | 30 3/4 in.; 78cm | 30 3/4 in.; 78cm |
| Weight (without bottles): | 1,212 lbs; 550kg | 656 lbs; 298kg | 1,158 lbs; 525kg |
| Distributed load* w/ bottles: | 132 lbs/ft ² ; 644kg/m ² (528-22) | 70 lbs/ft ² ; 339kg/m ² (240-10) | 115 lbs/ft ² ; 561kg/m ² (240-10) |
| Distributed load* without bottles: | 109 lbs/ft ² ; 532kg/m ² (528-22) | 59 lbs/ft ² ; 290kg/m ² (240-10) | 104 lbs/ft ² ; 508kg/m ² (240-10) |
| Heat emission: | 2,307 BTU/hr | 1,495 BTU/hr | 1,495 BTU/hr |

*Distributed load refers to the force that the unit exerts across its 'footprint' (width x depth), measured in pound-force per square foot (kilogram-force per square meter).

Additional specifications (both models):

| Clearance requirements: | Environmental: | Electrical: | Certifications: |
|-------------------------|---|---|------------------------------------|
| Front: 48 in.; 122cm | Operating temperature: 59-82°F; 15-28°C | Line voltage: 100/110/220/240 vAC +/-10% | UL: 3101-1 |
| Rear: 4 in.; 11cm | Humidity (non-condensing): 10-90% | Line frequency: 50/60 Hz +/-5% | CSA: 22.2 No. 1010.1 |
| Top: 24 in.; 61cm | Operating elevation: 9,842 ft; 3,000m (maximum) | Wattage: 800 watts (240-typical); 1000 watts (528-typical) | IEC: 61010-1:90 + A1:92 + A2:95 |
| Side: 4 in.; 11cm | | | IEC: 61326-1, 2002 |

Bottle capacity:

| | Configuration: | # Drawers: | Max. annual bottle vol. 5-day blood culture | Max. annual bottle vol. 7-day blood culture | Max. annual bottle vol. Myco |
|------------|----------------|------------|--|--|---------------------------------|
| 240 Model: | 96 | 4 | 7,000 | 5,000 | 850 |
| | 144 | 6 | 10,500 | 7,500 | 1,250 |
| | 192 | 8 | 14,000 | 10,000 | 1,700 |
| | 240 | 10 | 17,500 | 12,500 | 2,100 |
| 528 Model: | 336 | 14 | 24,500 | 17,500 | 3,000 |
| | 384 | 16 | 28,000 | 20,000 | 3,500 |
| | 432 | 18 | 31,500 | 22,500 | 3,800 |
| | 480 | 20 | 35,000 | 25,000 | 4,300 |
| | 528 | 22 | 38,500 | 27,500 | 4,700 |

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USA and Canada +1 800 871 8909
All Other Inquiries +44 1342 318777

Technical Support
USA and Canada +1 800 642 7029
All Other Inquiries +44 1342 318777

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LT2001A/CS/09/11