

VersaTREK®

VersaTREK® Automated Microbial Detection System



The VersaTREK Automated Microbial Detection System provides strength in simplicity as the ONLY instrument able to perform four tests on one platform (blood, sterile body fluids, mycobacteria detection and *M.tb* susceptibility testing). The enhanced two-bottle media system is ideal for all patient populations, eliminating the need for specialty media for pediatrics. It is also ideal for low volume draws or patients on antibiotics. The VersaTREK system is truly the answer to the clinical microbiologist's need for a versatile, reliable and uncomplicated instrument.

VersaTREK's comprehensive detection system measures both gas consumption and production. This unique detection technology means no limitations exist for low CO₂ producing organisms! In addition, high white counts do not interfere with detection.

At the heart of every blood culture system is the media. With VersaTREK's enhanced two-bottle media system (REDOX® 1 for aerobic microorganisms and REDOX 2 for anaerobic microorganisms) the microbiology laboratory will experience efficiency in phlebotomy, cost savings and simplicity in inventory control. The system also incorporates an exclusive VorTrexing™ agitation method for thorough oxygenation of aerobic bottles.

Reduce sharps and decrease contamination with the only FDA-cleared true direct draw bottle, EZ Draw®. Additional safety features incorporated into the VersaTREK media system assist in minimizing breakage, sharps exposure and aerosolization.

The unparalleled VersaTREK Windows Software offers One-Touch rapid access to patient information, reports and data retrieval. No need to back-up information as this is performed automatically every day. Schedule data management reports in the Task Scheduler to run when you want them!

VersaTREK Instruments

TREK put the customer signature on the VersaTREK automated detection instrument. Designed for versatility and ease-of-use, the VersaTREK Instrument is the best solution for the demanding challenges of the diagnostic laboratory.

- Enhanced ergonomics and convenient bottle management provide optimal staff efficiency and convenience
- **Any Bottle** anywhere **Concept** affords maximum instrument utilization ... as simple as **ABC!**
- On-board color LCD screen provides one touch access to bottles, graphs, and patient information
- Intelligent design, utilizing VorTrexing™ agitation, delivers the best media and instrument combination
- Modular design accommodates the laboratory's changing capacity requirements



Note: Equipment specifications can be found on page 4 and 5.

CAT #	PRODUCT DESCRIPTION
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VersaTREK 240 Model

6240-04	VersaTREK 240 with 4 drawers (96 bottle capacity)
6240-06	VersaTREK 240 with 6 drawers (144 bottle capacity)
6240-08	VersaTREK 240 with 8 drawers (192 bottle capacity)
6240-10	VersaTREK 240 with 10 drawers (240 bottle capacity)
6240-04M	VersaTREK 240 Myco-only Model with 4 drawers (96 bottle capacity)
6240-06M	VersaTREK 240 Myco-only Model with 6 drawers (144 bottle capacity)
6240-08M	VersaTREK 240 Myco-only Model with 8 drawers (192 bottle capacity)
6240-10M	VersaTREK 240 Myco-only Model with 10 drawers (240 bottle capacity)

VersaTREK 528 Model

6528-14	VersaTREK 528 with 14 drawers (336 bottle capacity)
6528-16	VersaTREK 528 with 16 drawers (384 bottle capacity)
6528-18	VersaTREK 528 with 18 drawers (432 bottle capacity)
6528-20	VersaTREK 528 with 20 drawers (480 bottle capacity)
6528-22	VersaTREK 528 with 22 drawers (528 bottle capacity)
6528-14M	VersaTREK 528 Myco-only Model with 14 drawers (336 bottle capacity)
6528-16M	VersaTREK 528 Myco-only Model with 16 drawers (384 bottle capacity)
6528-18M	VersaTREK 528 Myco-only Model with 18 drawers (432 bottle capacity)
6528-20M	VersaTREK 528 Myco-only Model with 20 drawers (480 bottle capacity)
6528-22M	VersaTREK 528 Myco-only Model with 22 drawers (528 bottle capacity)

Note: Systems may be configured as combination instruments for blood culture, mycobacteria detection, and *M.tb* susceptibility.

VersaTREK Instrument Accessories

6020-30	VersaTREK 240 cart
6030-30	VersaTREK drawer, left
6031-30	VersaTREK drawer, right
6040-30	VersaTREK Myco bottle adaptor, 25/box
6042-30	VersaTREK bottle replacement module
6044-30	Red Disable Location Caps, each
6400-30	VersaTREK Operator Manual (CD)
6423-30	Myco Rack, 24-position
6424-30	Bottle Carry Rack (blood culture)
6428-30	REDOX® Transporter, 10/box
6440-30	Thermometer
6420-30	VersaTREK Stylus, 4/pack
6422-30	VersaTREK Stylus Holder
6430-30	VersaTREK Remote Alarm



VersaTREK Windows Software

VersaTREK Windows-based Software offers efficient workflow, smooth processing, rapid access to patient care information and improved data retrieval. It is legacy compatible with the VersaTREK System. Compatible with current LIS interfaces, the system performs on a Windows XP Professional platform, allows the efficiency of ETHERNET networking, and incorporates the functionality of extensive patient data management reports, including workload, contaminants, positives/negatives, culture summaries and more.

CAT #	PRODUCT DESCRIPTION
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6100-30	Windows® Computer
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CAT #	PRODUCT DESCRIPTION
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VersaTREK Windows Software

6110-31	VersaTREK Computer Package - Standard with 17" monitor
6132-30	Microsoft Access XP
6134-30	Symantec PC anywhere
6140-30	Monitor, 17" LCD touch screen
6150-30	Printer, HP Laser Jet
6152-30	Printer cable, 6', USB 2.0 A/B
6159-30	Ethernet Switch, 8-port
6168-30	External 8-port USB serial box
6171-30	Cable, CASTe Snagless Patch, 7'

VersaTREK REDOX Media

VersaTREK microbial detection media are based on enhanced media formulations that deliver unparalleled versatility, broad range recoverability, unique growth response curves, reliability, and simple ease-of-use.

- Enhanced versatile media system consists of two formulations: REDOX 1 (aerobic) and REDOX 2 (anaerobic) media.
- Unique media promotes gas production and consumption.
- Novel VorTrexing action motion provides an agitation that improves oxygenation of REDOX 1 aerobic bottles for more effective organism detection.
- Timing and dilution to detect microbes instead of costly specialized additive media.
- Media provides an optimum blood-to-broth ratio to minimize the inhibitory effects of host blood factors, antimicrobials, and other agents.

CAT #	PRODUCT DESCRIPTION
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7102-44	VersaTREK REDOX 1 80 ml with Stir Bar, 50/case
7103-44	VersaTREK REDOX 2 80 ml, 50/case
7106-44	VersaTREK REDOX 1 EZ Draw 40 ml with Stir Bar, 50/case
7107-44	VersaTREK REDOX 2 EZ Draw 40 ml, 50/case
7110-44	VersaTREK REDOX 2M* EZ Draw 40 ml, 50/case

*Anaerobic bottle for manual use.



CAT #	PRODUCT DESCRIPTION
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VersaTREK Media Accessories

7150-44	VersaTREK Connectors, 50/box
6040-30	VersaTREK Myco Bottle Adaptors, 25/box
6423-30	Bottle Carry Rack (Myco Bottles)
6424-30	Bottle Carry Rack (Blood Culture Bottles)
6428-35	VersaTREK REDOX Transporter, 10 per pack
6450-35	VersaTREK EZ-ID labels, 100 per pack

VersaTREK Mycobacteria Detection and *M.tuberculosis* Susceptibility Testing

Only one formulation is needed for detection and recovery of mycobacteria from *all* samples (e.g. sputum, blood, tissue, urine, etc.). The same technology is utilized to measure changes in headspace pressure. Patented cellulose sponge material provides a solid matrix and a greater surface area for growth. Direct probe testing is FDA cleared. The VersaTREK Myco Susceptibility Kit is an automated system for *Mycobacterium tuberculosis* testing. The kit includes Rifampin, Isoniazid, and Ethambutol and provides reagents for 80 tests.

CAT #	PRODUCT DESCRIPTION
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7111-42	VersaTREK Myco - Modified Middlebrook 7H9 Broth w/Compressed Cellulose Sponges - 11.5ml, 50/case
7112-42	VersaTREK Myco GS Growth Supplement, 50ml, 5/box
7113-42	VersaTREK Myco PVNA (Polymyxin B, Vancomycin, Nalidixic Acid, Amphotericin B), 25ml, 5/box
7114-42	VersaTREK Myco AS Antibiotic Supplement, 25ml, 5/box
7115-60	VersaTREK Myco Susceptibility Kit: 2x25ml Rifampin; 2x 25ml Isoniazid; 3x25ml Ethambutol
7116-70	VersaTREK Myco PZA Kit: 2x25ml Pyrazinamide, 4x25ml PZA Rehydration Buffer
7120-30	VersaTREK Myco Streptomycin, 1/box (CE marked*)
6040-30	VersaTREK Myco Bottle Adaptor, 25/box

Specifications and Power Requirements

VersaTREK 240 Model

Height	40.25 in	103 cm
Width	52 in	132 cm
Depth	30.625 in	78 cm
Empty Weight	669 lbs	304 kg
Fully Loaded Weight	779 lbs	354 kg

*Not for sale in the U.S.



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Information listed herein is subject to change without notice.

VersaTREK 240 Model

Power requirements	100-120 Volts, AC 10 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.	220-240 Volts, AC 5 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.
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VersaTREK 528 Model

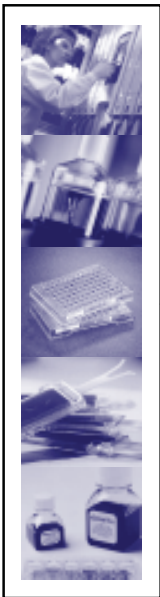
Height	76.25 in	194 cm
Width	52 in	132 cm
Depth	30.625 in	78 cm
Empty Weight	1,236 lbs	561 kg
Fully Loaded Weight	1,481 lbs	673 kg
Power requirements	100-120 Volts, AC 10 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.	220-240 Volts, AC 5 Amperes, 50-60 Hz; Circuit required is 15 Ampere, dedicated line.



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VersaTREK System for Veterinary Diagnostics- *para-JEM*[®]



para-JEM[®] System

para-JEM[®] Detection of *Mycobacterium avium* subsp. *paratuberculosis* on VersaTREK

The automated liquid culture leader in Johnes disease, TREK brings ease of use and unparalleled Windows[®]-based *para-JEM* software to the veterinary laboratory.

The VersaTREK *para-JEM* System combines a proprietary reagent medium, growth supplements, and primary antibiotics with a detection system that automatically incubates and continuously monitors culture bottles inoculated with isolates from various specimen sources.

CAT #	PRODUCT DESCRIPTION
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Reagents

7131-42	<i>para-JEM</i> Broth, 10.5ml, 50/case
7132-42	<i>para-JEM</i> GS Growth Supplement, 50ml, 5/box
7133-42	<i>para-JEM</i> AS Antibiotic Supplement with agent, 25ml, 5/box
7134-42	<i>para-JEM</i> EYS Egg Yolk Supplement, 50ml, 5/box
7137-42	<i>para-JEM</i> [®] w/BLUE 250 Kit - Includes broth, supplements and primary antibiotic for approximately 250 tests: 250 bottles <i>para-JEM</i> Broth, 5x50ml bottles <i>para-JEM</i> GS, 5x25ml bottles <i>para-JEM</i> AS, 5x50ml bottles <i>para-JEM</i> EYS, <i>para-JEM</i> BLUE and 250 connectors
7150-44	VersaTREK Connector, 50/box
6423-30	<i>para-JEM</i> Bottle Carry Rack
00-030	<i>para-JEM</i> BLUE, 15ml



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Information listed herein is subject to change without notice.

VersaTREK System for Veterinary Applications

The VersaTREK *para*-JEM System is available in a custom configuration designed for the veterinary microbiology laboratory. The system is designed to accommodate from 96, up to 528 tests to meet the testing requirements of each lab. The system's closed design allows for the safe handling of all specimens throughout the laboratory.

CAT #	PRODUCT DESCRIPTION
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Instruments and Accessories

6240-04M	VersaTREKM 240 w/ 4 drawers
6240-06M	VersaTREKM 240 w/ 6 drawers
6240-08M	VersaTREKM 240 w/ 8 drawers
6240-10M	VersaTREKM 240 w/ 10 drawers
6528-14M	VersaTREKM 528 w/ 14 drawers
6528-16M	VersaTREKM 528 w/ 16 drawers
6528-18M	VersaTREKM 528 w/ 18 drawers
6528-20M	VersaTREKM 528 w/ 20 drawers
6528-22M	VersaTREKM 528 w/ 22 drawers
6400-30	VersaTREK Operator's Manual
6020-30	Cart for VersaTREK 240 model
SW1000	Printer, Barcode
SW1101	Labels, <i>para</i> -JEM Barcode, 1310/RL
6040-30	VersaTREK Myco Adapters, 25/box
6423-30	Rack; <i>para</i> -JEM, 24-position

para-JEM® Windows Software

User-friendly, intuitive *para*-JEM Windows Software simplifies the fight against Johne's Disease.

6110-31	VersaTREK Computer Package, clinical/vet
6411-30	<i>para</i> -JEM Operator's Manual (CD)
6128-31	VersaTREK PC Kit, international



VersaTREK®

Instrument Specifications

528 Model

Height	76 1/4 in.; 194 cm
Width	52 in.; 132 cm
Depth	30 3/4 in.; 78 cm
Weight (without bottles)	1,212 lbs; 561 kg
Distributed load* (528-22 with bottles)	132 lbs/ft ² ; 644 kg/m ²
Heat emission	2,307 BTU/hr



240 Model

Height	40 1/4 in.; 103 cm
Width	52 in.; 132 cm
Depth	30 3/4 in.; 78 cm
Weight	656 lbs; 304 kg
Distributed load* (240-10; with bottles)	70 lbs/ft ² ; 339 kg/m ²
Distributed load* (240-10; without bottles)	59 lbs/ft ² ; 290 kg/m ²
Heat emission	1,495 BTU/hr

240 Model with Cart

Height	40 1/4 in.; 103 cm
Height (on cart)	76 in.; 193 cm
Width	52 in.; 132 cm
Depth	30 3/4 in.; 78 cm
Weight (with cart, without bottles)	1,201 lbs; 545 kg
Distributed load* (240-10 cart with bottles)	119 lbs/ft ² ; 580 kg/m ²
Distributed load* (240-10 cart without bottles)	109 lbs/ft ² ; 531 kg/m ²
Heat emission	1495 BTU/hr
VersaTREK 240 Cart	Product # 6020-30



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

VersaTREK®

Clearance requirements (240 and 528 models)

Front	48 in.; 122 cm
Rear	4 in.; 11 cm
Top.....	24 in.; 61 cm
Side.....	4 in.; 11 cm

Environmental (240 and 528 models)

Operating temperature.....	59° F to 82° F; 15° C to 28° C
Humidity (non-condensing).....	10% to 90%
Operating elevation (maximum).....	9842 feet; 3000 meters

Electrical

240 Unit

Line Voltage.....	110/240 vAC +/- 10%
Line Frequency.....	50/60 Hz +/- 5%
Wattage	700 watts (typical)

528 Unit

Line Voltage.....	110/240 vAC +/- 10%
Line Frequency.....	50/60 Hz +/- 5%
Wattage	1200 watts (typical)

Certifications (240 and 528 models)

UL.....	3101-1
CSA	22.2 No. 1010.1
IEC.....	61010-1:90 + A1:92 + A2:95
IEC.....	61326-1, 2002

VersaTREK Windows® Software

VersaTREK Computer Package*.....	6110-31
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* The VersaTREK Computer Package includes 15" Touch Screen Monitor, Microsoft Access XP, VersaTREK Windows Software CD, HP Laserjet Printer, UPS 1200 VA Universal 6-Outlet, and VersaTREK Operator's CD Manual.

TREK's Media Accessories

VersaTREK Myco Adaptors, 25/box.....	6040-30	Absorbent Sheet, each*.....	6444-30
Red Disable Location Cap, each*.....	6044-30	Label, Drawer, Numbered 1 - 22, each*..	6452-30
VersaTREK Stylus, 3/pack*.....	6420-30	VersaTREK EZ-ID Labels, 100/pack.....	6450-35
Bottle Carry Rack, 24-positions*.....	6424-30	Mounts, Thermometer, each*.....	6705-30
Thermometer, 18°C - 60°C, 125mm, each*.....	6440-30	VersaTREK Connectors, 50/box.....	7150-44

* These items are included in the VersaTREK Starter Kit (6499-31). Quantities of these items in the Starter Kit are: 5 red disable location caps, 1 VersaTREK stylus 3-pack, 1 bottle carry rack, 3 thermometers, 3 absorbent sheets, 1 set of drawer labels, and 6 thermometer mounts. One cable, CAT5E 25' Snagless Patch (6172-30), is also included with the Starter Kit. One complete Starter Kit is shipped with each VersaTREK instrument.

Bottle Capacity — 240 Model

Configuration	Number of Drawers	Maximum Annual Bottle Volume — 5 Day Blood Culture	Maximum Annual Bottle Volume — 7 Day Blood Culture	Maximum Annual Bottle Volume — Myco	Product Number
96	4	7,000	5,000	850	6240-04
144	6	12,500	7,500	1,250	6240-06
192	8	14,000	10,000	1,650	6240-08
240	10	17,500	12,500	2,100	6240-10

Bottle Capacity — 528 Model

336	14	24,500	17,500	2,950	6528-14
384	16	28,000	20,000	3,350	6528-16
432	18	31,500	22,500	3,750	6528-18
480	20	35,000	25,000	4,200	6528-20
528	22	38,500	27,500	4,600	6528-22



VersaTREK®

Media Specifications

Blood Culture			
TREK Media	Catalog Number	Specimen Type	Specimen Volume
VersaTREK™ REDOX1™ 80 ml with stir bar	7102-44	Blood Sterile body fluid	Range 0.1 to 10 ml
VersaTREK™ REDOX2™ 80 ml	7103-44 No change	Blood Sterile body fluid	Range 0.1 to 10 ml
VersaTREK™ REDOX 1™ EZ Draw® 40 ml with stir bar	7106-44	Blood Sterile body fluid	Range 0.1 to 5 ml
VersaTREK™ REDOX 2™ EZ Draw® 40 ml	7107-44 No change	Blood Sterile body fluid	Range 0.1 to 5 ml
VersaTREK™ REDOX 2M™ EZ Draw® 40 ml	7110-44 No change	Blood Sterile body fluid	Range 0.1 to 5 ml



Mycobacteria			
TREK Media	Catalog Number	Specimen Type	Specimen Volume
VersaTREK™ Myco	7111-42 No change	Blood Sterile body fluids Processed specimens	Up to 1 ml
VersaTREK™ Myco GS	7112-42 No change	Myco Growth Supplement	N/A
VersaTREK™ Myco PVNA	7113-42 No change	Myco Antibiotic Supplement	N/A
VersaTREK™ Myco AS	7114-42 No change	Myco Antibiotic Supplement	N/A
VersaTREK™ Myco Susceptibility Kit	7115-60 No change	Rifampin, Isoniazid, Ethambutol	Up to 1 ml
Myco PZA Kit*	7116-70 No change	Pyrazinamide	Up to 1 ml

*For research use only.
Not yet available for sale in the U.S.

VersaTREK® Automated Microbial Detection System



240 Model

Dimensions

52 in. width, 30 3/4 in. depth,
40 1/4 in. height
132 cm. width, 78 cm. depth,
103 cm. height

Unit Weight (Empty)

656 lbs.
304 kg.

Unit Weight (Fully Loaded)

766 lbs.
348 kg.

Capacity

96 to 240 bottles

528 Model

Dimensions

52 in. width, 30 3/4 in. depth,
76 1/4 in. height
132 cm. width, 78 cm. depth,
194 cm. height

Unit Weight (Empty)

1,212 lbs.
561 kg.

Unit Weight (Fully Loaded)

1,455 lbs.
660 kg.

Capacity

Up to 528 bottles



VersaTREK Windows® Software

VersaTREK Computer Package, with 15" Monitor 6110-31

TREK's Media Accessories

VersaTREK Myco Adaptors, 25/box	6040-30	Absorbent Sheet, each*	6444-30
Red Disable Location Cap, each*	6044-30	Label, Drawer, Numbered 1 - 22, each*	6452-30
VersaTREK Stylus, 3/pack*	6420-30	VersaTREK EZ-ID Labels, 100/pack	6450-35
Bottle Carry Rack, 24-position*	6424-30	Mounts, Thermometer, each*	6705-30
Thermometer, 18°C - 60°C, 125mm, each*	6440-30	VersaTREK Connectors, 50/box	7150-44

* These items are included in the VersaTREK Starter Kit (6499-31). Quantities of these items in the Starter Kit are: 5 red disable location caps, 1 VersaTREK stylus 3-pack, 1 bottle carry rack, 3 thermometers, 3 absorbent sheets, 1 set of drawer labels, and 6 thermometer mounts. One cable, CAT5E 25' Snagless Patch (6172-30), is also included with the Starter Kit. One complete Starter Kit is shipped with each VersaTREK instrument.

Specimen Collection, Preparation, and Safety

- VersaTREK REDOX 1 EZ Draw 40 ml with stir bar and REDOX 2 EZ Draw 40 ml provides the only FDA cleared, true, direct measured draw.
- VersaTREK Myco bottles are specially designed to resist breakage.
- Easy-to-operate with other collection devices.

Packaging and Storage Information

- All VersaTREK REDOX 80 ml and VersaTREK REDOX EZ Draw 40 ml bottles are packaged 50/box and should be stored at 15-30°C, away from light.
- VersaTREK Myco contains 50/box and should be stored at 15-30°C, away from light.
- VersaTREK Myco GS, Myco AS, and Myco PVNA are each packaged 5/box and should be stored 2-8°C. Myco GS must be stored in the dark.
- For technical information, refer to the technical inserts: VersaTREK REDOX, VersaTREK Myco, and VersaTREK Myco Susceptibility.



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