

Endoscope
reprocessing

the way it should be™

Product Guide
Effective February 2011



MEDIVATORS®

Your Medivators Consultant is:

**All Medivators order processing, technical product support
and repair services are available at one convenient number —**

1-800-444-4729

For additional information please contact your Medivators sales consultant
or visit our website at www.minntech.com/medivators

Dear Valued Customer:

With heartfelt thanks, we express our appreciation for allowing Medivators to be your partner in endoscope reprocessing. Every day and every week that we work with you and your staff, you help us find ways to make your endoscopy facility more efficient, safer, and with the outcomes you expect.

The ongoing commitment by our Development, Service and Technical Support teams to help you achieve the highest quality reprocessing outcomes at the lowest possible cost is still of paramount importance to us. At the same time we will not compromise the safety of your staff or patients. From bedside through endoscope leak testing, pre-cleaning, reprocessing, disinfectant neutralization as well as post-installation service, Medivators enables endoscope reprocessing the way it should be.

We are excited and proud to introduce you to new technology that we hope will further reinforce Medivators commitment to the market....

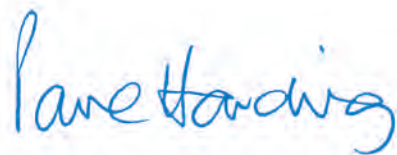
- *DSD EDGE™* automated endoscope reprocessor, provides the shortest cycle time available – as low as 22 minutes, including leak test, alcohol and air flush. High-level disinfection is achieved with Rapicide® PA, a revolutionary new disinfectant based on peracetic acid. Potential for worker exposure to the disinfectant is minimal, and the formulation is environmentally responsible, requiring no neutralization

We're continually upgrading our website to provide you with simple, quick access to the most current technical and product information, as well as new product updates, and in-service videos. Please visit us at www.minntech.com/medivators.

We will continue to ensure that our field service and clinical support teams are fully certified on every new and improved technology, with the goal of providing the highest quality operator training and on-site service by experienced clinical and technical specialists. Our sales, clinical, engineering and technical support personnel are 100% dedicated to supporting endoscope reprocessing. Coupled with real-time telephone technical support and customer service, our highly responsive on-site service and preventative maintenance will ensure that your equipment is installed correctly, operates properly, and is maintained as required, to give you the peace of mind that you deserve.

Again, our sincere thanks for your continuing support.

Sincerely,



Paul Harding
Senior Vice President and General Manager

MEDIVATORS®

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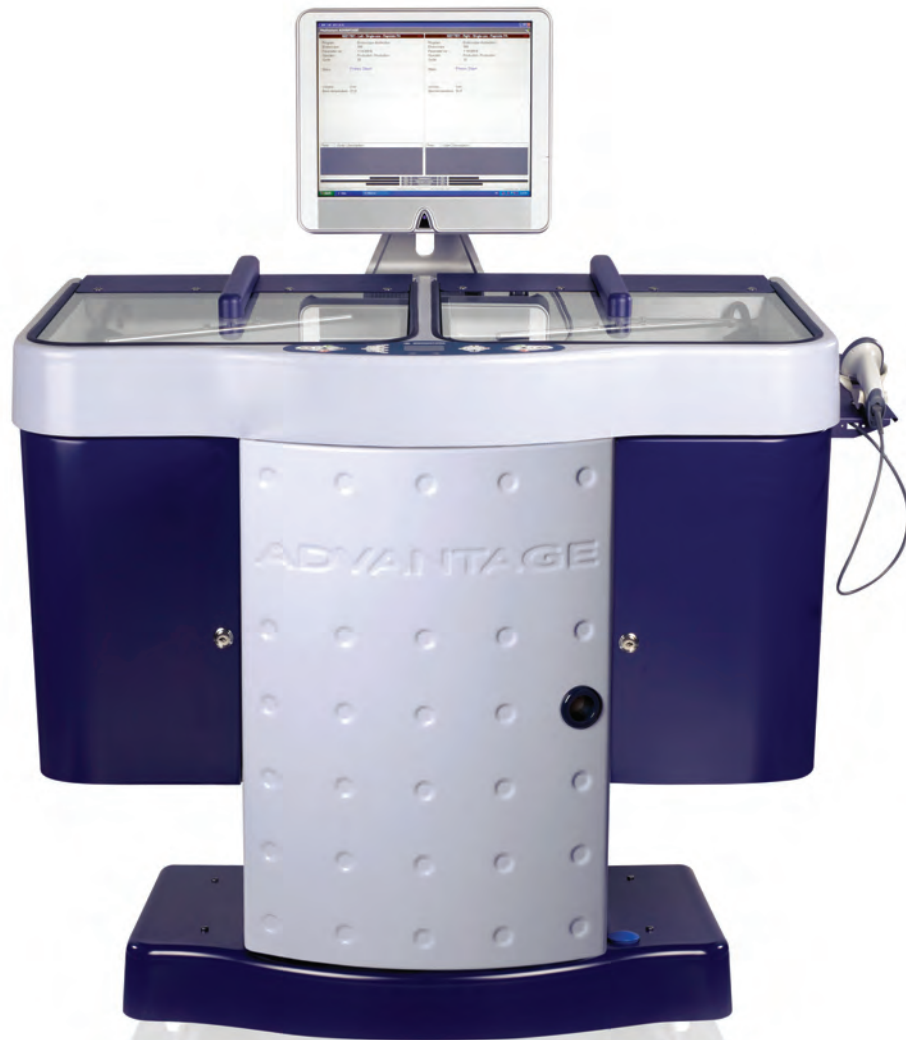
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Endoscope Cleaning and Reprocessing

Fully Automated Endoscope Reprocessors



ADVANTAGE[®] PLUS

Advantage[®] Plus (Rapicide[®] PA HLD) Endoscope Reprocessor

Fully automated, computer-based endoscope reprocessor using single-shot Rapicide PA peracetic acid disinfectant and featuring dual asynchronous reprocessing basins, simple touchpad control, and large flat-screen display. Ergonomic design incorporates large basins, barcode reader and hands-free lid operation. System features continuous monitoring of individual endoscope channels for valid hookup connection and blockage detection, automated detergent and alcohol flush, and continuous endoscope leak testing. The automated cycle log provides sophisticated data management and reporting capability, plus networking and diagnostic capability. The multi-stage water pre-filtration system with automated disinfection capability are included. A printer, air compressor and vapor management system are optional. Additional hookup purchase required; selection based on endoscopes in use.

ADV-1007

Advantage Plus system for use with Rapicide PA single-shot peracetic acid high level disinfectant, features a 5-minute endoscope contact time. Air compressor included.

ADV-1008

Advantage Plus system for use with Rapicide PA single-shot peracetic acid high level disinfectant, features a 5-minute endoscope contact time. Air compressor not included.

Endoscope Cleaning and Reprocessing

Fully Automated Endoscope Reprocessors



MEDIVATORS
DSD EDGE™

DSD Edge™ Endoscope Reprocessor

The Medivators DSD EDGE is a dual-basin, asynchronous automated endoscope reprocessor designed for use in busy hospitals and surgery centers. The DSD EDGE provides the fastest endoscope turn-around time with a reprocessing cycle as short as 22 minutes. One DSD EDGE is capable of reprocessing 44 endoscopes in eight hours. By improving endoscope throughput, a facility can add procedures and increase revenue, by reducing endoscope inventory and possibly decreasing the number of reprocessors needed. The DSD EDGE uses Rapicide PA high level disinfectant, a single-use, environmentally friendly peracetic acid. Rapicide PA high level disinfects endoscopes using a low 30°C temperature, eliminating endoscope cool down time while assuring endoscope compatibility. Additional DSD EDGE features include: automated endoscope leak testing, automatic alcohol purge and air drying of endoscope channels, and a user-selectable wash cycle for endoscope cleaning. An optional data management system for cycle tracking and record keeping is also available.

DSD-3001

The DSD EDGE as described above.

DSD-3008 (Prepped for VMS)

The DSD EDGE as described above, prepped for VMS use.

Endoscope Cleaning and Reprocessing

Fully Automated Endoscope Reprocessors



DSD-201

DSD-201 Dual Basin Disinfector

Automated endoscope reprocessor features two fully-independent and asynchronous reprocessing basins for high-volume, quick endoscope turnaround. The system has user-programmable reprocessing cycles and an enhanced sensor package which monitors all cycle parameters ensuring complete endoscope disinfection. Unique design self-disinfects internal fluid lines during every cycle; the log print-out documents all cycle parameters. Disinfectant vapors are controlled through use of a vapor management system (optional). A three-stage water filtration system reduces particulate matter and provides certified bacteria-free water for endoscope rinsing. Reprocessor includes heated disinfectant reservoirs, air compressors, printer, water pre-filtration system and one set of air, water and disinfectant filters. Additional hookup purchase required; selection based on endoscopes in use.

DSD-201

The DSD-201 as described above.

MD01-1001 (DSD Dolly-Optional Accessory)

A wheeled base for DSD-201 or DSD EDGE units. Wheels can be locked in place to avoid movement while in use. Increases unit height by 5.5”.

DSD-201LT (DSD-201 with Leak Tester)

Same features as the DSD-201, but incorporates leak test capability for endoscope protection against water ingress throughout the cycle. Leak test assembly is supplied fully integrated into the DSD cabinet. Also includes two leak test hookups. Additional hookup purchase required; selection based on endoscopes in use.

Endoscope Cleaning and Reprocessing

Fully Automated Endoscope Reprocessors



SSD-102

SSD-102 Single Basin Disinfector

Automated endoscope reprocessor with one reprocessing basin and user-programmable reprocessing cycles. An enhanced sensor package monitors all cycle parameters ensuring complete endoscope disinfection. System design self-disinfects internal fluid lines during every cycle, and the log printout documents all cycle test results. Disinfectant vapors are controlled through an optional active vapor containment system. A three-stage water filtration system reduces particulate matter and provides certified bacteria free water for endoscope rinsing. Reprocessor includes heated disinfectant reservoirs, air compressors, printer, water pre-filtration system and one set of air, water and disinfectant filters. Additional hookup purchase required; selection based on endoscopes in use.

SSD-201

The SSD-201 as described above.

MD02-1002 (SSD Dolly-Optional Accessory)

A wheeled base for SSD-102 units. Wheels can be locked in place to avoid movement while in use. Increases SSD height by 5.75”.

SSD-102LT (SSD-201 with Leak Tester)

Same features as the SSD-102, but incorporates leak test capability for endoscope protection against water ingress throughout the cycle. Leak test assembly is supplied fully integrated into SSD cabinet. Also includes one leak test hookup. Additional hookup purchase required; selection based on endoscopes in use.

Endoscope Cleaning and Reprocessing

Semi-Automated Endoscope Reprocessors



CER-1 and CER-2

CER-1 and CER-2

Compact endoscope reprocessor is designed to quickly reprocess one or two flexible, immersible endoscopes per cycle. System features simple, push-button operation and can be placed on counter-top or the convenient Mobile Cart (optional). A fully gasketed lid contains disinfectant vapors; the two-stage water filtration system reduces particulate matter and provides certified bacteria-free water for endoscope rinsing. Included are heated disinfectant reservoir, water pre-filtration system, water supply and drain connection tubing, alcohol flushing adapter and accessory bag. Also includes four basin connectors (CER-1), seven basin connectors (CER-2) and one alcohol injection hookup. Additional hookup purchase required; selection based on endoscopes in use.

CER-1 Series Single Endoscope Reprocessing

CER-1R – For use with Rapicide High Level Disinfectant and Sterilant, features 5 minute endoscope contact time and two rinse cycles.

CER-1GA – For use with Glutaraldehyde, features 20 minute endoscope contact time and two rinse cycles.

CER-1P – For use with Cidex® OPA, features 12 minute endoscope contact time and three rinse cycles.

CER-2 Series Dual Endoscope Reprocessing

CER-2R – For use with Rapicide High Level Disinfectant and Sterilant, features 5 minute endoscope contact time and two rinse cycles.

CER-2GA – For use with Glutaraldehyde, features 20 minute endoscope contact time and two rinse cycles.

CER-2P – For use with Cidex OPA, features a 12 minute endoscope contact time and three rinse cycles.

CER-1005 (CER Mobile Cart)

Provides mobility for the CER-1 and CER-2 for accessibility and cleaning. The cart contains a convenient storage drawer for hook-ups, test strips, and other reprocessing supplies. The cabinet compartment is specifically designed to house the disinfectant reservoir, drip tray and water pre-filtration system.



Endoscope Cleaning and Reprocessing

Endoscope Flushing Aid

Scope Buddy® Endoscope Flushing Aid

Used during the manual cleaning of flexible endoscopes, the Scope Buddy system provides continuous, hands-free flushing of endoscope channels which reduces the risk of repetitive motion injuries and enhances compliance with endoscope cleaning protocols. Scope Buddy quickly and quietly delivers detergent and rinse solutions to endoscope channels including the elevator wire channel of ERCP scopes. Scope Buddy can be placed on a counter or mounted to the wall, and is supplied with a complete set of tubing hookups for connection to any flexible endoscope.

EFA-US-G

SCOPE BUDDY®



Automated Endoscope Leak Detection



Veriscan® LT Leak Detection System

Automated endoscope leak detection system with 99% accuracy. Veriscan detects endoscope leaks early when repairs are minor and less costly which drives down repair costs and lowers the risk of cross-contamination. All test results are documented and exportable using the included ProV-LT Data Management software to a PC for Microsoft® Excel® based reporting which ensures compliance with endoscope leak test protocols. Veriscan is compatible with all flexible endoscopes and ensures best practice in endoscope leak detection. System includes user's choice of one connector set: Pentax®, Fujinon®, Olympus®, or Storz® installation kit.

VER-LT

VERISCAN® LT

Automated Endoscope Leak Tester

Neutralization

Disinfectant Neutralization System

Medi-Newt® Neutralization System

Provides safe containment, neutralization and disposal of used OPA and glutaraldehyde disinfectants. Medi-Newt is a semi-automated neutralization system and features a compact, mobile design for ease of use and storage. Medi-Newt safely protects staff by containing disinfectant fumes, and complies with stringent state and local neutralization regulations. Medi-Newt uses Neutra-Hyde® for fast and effective disinfectant neutralization. Medi-Newt is the environmentally responsible solution for safe disinfectant neutralization.

DNS-1001

Medi-Newt Tubing Kit

Includes Hose A and Hose B tubings.

DNS-1003

Medi-Newt CER Adapter Tubing

Allows the CER reservoir to connect to the Medi-Newt system.

DNS-1004

Medi-Newt Filters

In-line replacement filter, 5 pack.

DNS-1005



Neutra-Hyde® Neutralizer

Environmentally responsible glycine-based neutralizer for use in the Medi-Newt system. 12 - 10oz bottles per case.

DNS-1002



Disinfectant and Detergents

Rapicide® High Level Disinfectant and Sterilant

Rapicide

High Level Disinfectant and Sterilant

Rapicide is a 28-day reusable glutaraldehyde based disinfectant for use in automated endoscope reprocessors. It high level disinfects in 5 minutes at 35°C and requires no mixing or activation. Case of four 1-gallon bottles.

ML02-0059

Rapicide® Test Strips

Includes pack of two bottles, 60 test strips per bottle.

ML02-0120

Rapicide®



Rapicide® PA High Level Disinfectant



Rapicide PA High Level Disinfectant

Rapicide PA is for use in the Medivators Advantage Plus or DSD Edge reprocessors. It is a single-use peracetic acid-based chemistry that disinfects in 5 minutes at 30°C. It is an environmentally responsible disinfectant with proven endoscope compatibility. Case of 2 each 5 liter bottles of Part A and Part B solution.

ML02-0117

Rapicide PA Test Strips

Includes pack of two bottles, 100 test strips per bottle.

ML02-0118

Intercept® Detergent and Wipes

Intercept Detergent

Unique non-enzymatic formula specifically developed for manual or automated cleaning of endoscopes and accessories prior to reprocessing. Features a fresh scent and a blue tint that enables workers to easily confirm if Intercept has been dispensed in the sink. Effectively penetrates bacterial biofilm.

Case of four 1-gallon bottles.

ML02-0106

Intercept® Wipes

Medical-grade, ready-to-use detergent wipes for superior cleaning of endoscope surfaces. Durable, lint-free towelettes with highly absorbent 7" x 10" size. Case of four containers; 100 pre-saturated towelettes per container.

ML02-0107

Intercept®



Cleaning and Reprocessing Accessories

DSD Data Management



DSD Data Management (DSD/DSD EDGE/SSD)

Computerize endoscope reprocessing records with the DSD Data Management Package. Network up to four DSDs to one central computer for complete endoscope cycle storage, management and reporting capability. Individual or historical cycle records are retrievable by user-selectable sort capabilities, and reports are easily exported to a Microsoft® Excel® spreadsheet. The comprehensive management software automates the record-keeping process, and provides fast and efficient endoscope traceability. Designed for DSD with version 5.07 software.

DSD-2021

DSD Data Management (DSD/DSD EDGE/SSD)

Same features as the DSD-2021, but designed for DSD's with software version 4.11 or earlier. Upgrade package includes a new CPU board and Medivators Service Engineer installation of the CPU board into the DSD endoscope reprocessor.

DSD-2022

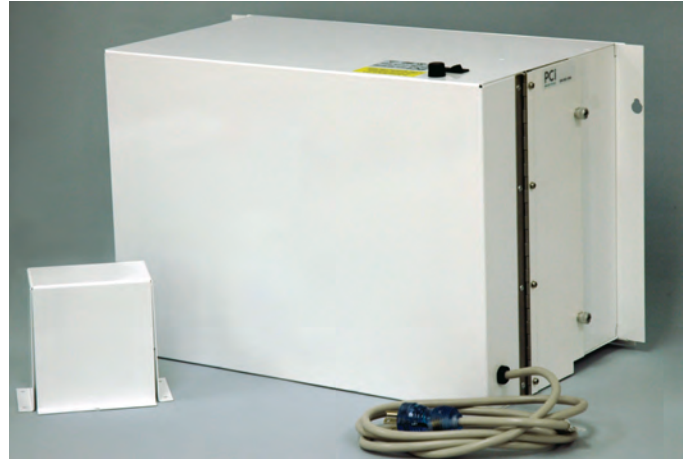
Cleaning and Reprocessing Accessories

Vapor Management Systems

Active VMS (ADVANTAGE/ADVANTAGE PLUS)

Self-contained vapor management system mounts to the back of the Advantage endoscope disinfector, and continuously draws disinfectant vapors away from the operator and into a patented charcoal filter. Reduces disinfectant vapors to 0.003ppm, well below the 0.05ppm threshold limit value (TLV). Includes one charcoal filter with a use life up to six months.

ADV-1062



Active VMS - Countertop (CER/MV)

Optimize user-safety through the countertop vapor management system. The self-contained fume hood is placed over a Medivators CER-1 or CER-2 endoscope disinfector, and continuously draws disinfectant vapors away from the operator and into a patented charcoal filter. Aldehyde-based vapors are reduced to 0.003ppm, well below the 0.05ppm threshold limit value (TLV) which eliminates the need for separate ventilation. Includes one charcoal filter with a use life up to six months.

CER-1008

Active VMS - Cart model (CER/MV)

Same features as the CER-1008, but also includes a base-plate for mounting onto the Medivators mobile cart. The active VMS fume hood is placed onto the base-plate and continuously draws disinfectant vapors away from the CER-1 or CER-2 endoscope disinfector. The CER-1009 includes the self-contained fume hood, cart-mounting base-plate and one charcoal filter.

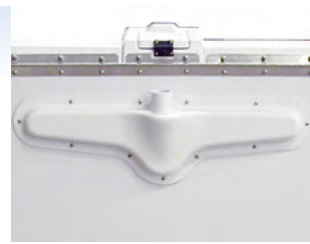
CER-1009



Active VMS (DSD/DSD EDGE/SSD)

Self-contained vapor management system mounts to the unit and reduces disinfectant vapors to 0.003ppm. Continuously draws vapors away from the operator and into a patented charcoal filter for optimal user safety.

MK01-0055



Passive VMS (DSD/DSD EDGE/SSD)

Vapor management manifold mounts to the back of the endoscope disinfector and connects to the facility's exhaust system. Passive system enables economical removal of disinfectant vapors.

DSD-1070R

Cleaning and Reprocessing Accessories

Product Accessories



Advantage Air Compressor System (ADVANTAGE/ADVANTAGE PLUS)

120 volt air compressor for use with Advantage or Advantage Plus.

ADV-1064



Accessory Bag

4" X 3.5" mesh bag used to contain endoscope accessories for reprocessing in the basin of the endoscope reprocessor. Set of two.

CB12-0002



Advantage Plus Sampling Cups

Used for testing the Rapicide PA disinfectant concentration in the Advantage Plus reprocessors. Package of 100 sampling cups.

ML02-0121



Forceps

(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER)

Forceps used to hold potency test strip when measuring disinfectant concentration.

47049-008



Disinfectant Funnel (ADVANTAGE/DSD/SSD/CER)

Used to aid in topping off the AER reservoir with high level disinfectant

78400-644

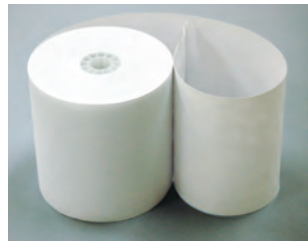
Printer Accessories (Advantage/Advantage Plus)



Printer System

Roll printer for Advantage system. Package of one.

ADV-1063



Printer Paper

Single ply paper roll for Advantage printer, 76mm wide x 83mm diameter. Package of one.

1-4-501



Printer Ribbon

Black/red ink printer ribbon for Advantage system. Package of one.

1-4-503



Barcode Tags

Adhesive barcode tags used to identify endoscopes and operators. Resealable vial contains 100 barcodes in duplicates.

67199-157 (numbered 100-199)

67199-158 (numbered 200-299)

67199-541 (numbered 300-399)

67199-660 (numbered 400-499)

Cleaning and Reprocessing Accessories

Printer Accessories (DSD/DSD EDGE/SSD)



Printer Ribbon
For printer module.
MP10-0500



Printer Paper Roll, Large
For DSD/SSD printers with rounded cover. Package of six.

MP10-0501

Printer Paper Roll, Small
For printers with flat cover. Package of six.

MP10-0502

Scope Buddy Accessories

Scope Buddy Tubing Kit

Complete set of connection tubing, including fluid intake and extension lines.

78399-669



Graduated Cylinder

250ml cylinder used to confirm Scope Buddy output. Package of one.

75227-679

Transfer Pump

Disinfectant Transfer Pump

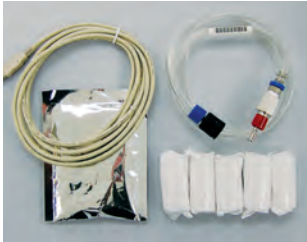
Pumps disinfectant into or out of supply containers and disinfectant reservoirs for the CER-1 and CER-2, reducing staff exposure to disinfectant vapors. Includes pump, inlet and outlet hoses, hose quick connects and rubber gasket seal.

DSD-1087

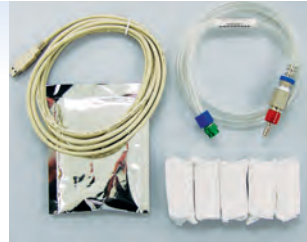


Cleaning and Reprocessing Accessories

Veriscan Accessories



Pentax Installation Kit
Veriscan installation kit includes:
Pentax quick connect tubing,
crystal desiccant bag,
USB cable and 5 paper rolls.
VER-2501



Storz Installation Kit
Veriscan installation kit includes:
Storz quick connect tubing,
crystal desiccant bag,
USB cable and 5 paper rolls.
VER-2511



Fujinon Installation Kit
Veriscan installation kit includes:
Fujinon quick connect tubing,
crystal desiccant bag,
USB cable and 5 paper rolls.
VER-2521



Olympus Installation Kit
Veriscan installation kit includes:
Olympus quick connect tubing,
crystal desiccant bag,
USB cable and 5 paper rolls.
VER-2531



Crystal Desiccant
Crystal desiccant bag
for Veriscan system.
Package of one.
67720-596



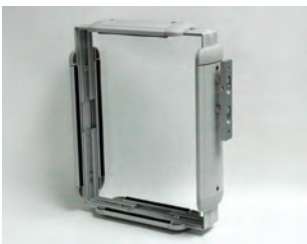
Coalescent Filter
Replacement oil and particle
filter for Veriscan system.
Package of one.
MF01-0056



Printer Paper
Paper roll for Veriscan system.
58mm wide x 29mm diameter.
Package of five.
40100-089



Silicone Oil
Used for lubricating
connector O Rings.
Package of one.
17599-496



Wall Mount Bracket
Used for mounting Veriscan
unit to wall
72233-310

Cleaning and Reprocessing Accessories

Veriscan Accessories

Pentax Quick Connect Tubing
Connection tubing for Pentax endoscopes to Veriscan. Package of one.
78400-051

Storz Quick Connect Tubing
Connection tubing for Storz endoscopes to Veriscan. Package of one.
78400-052

Fujinon Quick Connect Tubing
Connection tubing for Fujinon endoscopes to Veriscan. Package of one.
78400-053

Olympus Quick Connect Tubing
Connection tubing for Olympus endoscopes to Veriscan. Package of one.
78400-054

Richard Wolf™ Quick Connect Tubing
Connection tubing for Richard Wolf endoscopes to Veriscan. Package of one.
78400-566

Quick Connect Extension Tubing
4' extension tubing for connecting endoscope quick connect tubing to Veriscan. Package of one.
47509-547

Medivators Product Hookup Information

As the market leader in endoscope reprocessing, Medivators has had the opportunity to validate approximately 200 hookups designed for 1700 scopes from all the major flexible endoscope manufacturers, including Olympus, Pentax, Fujinon, Gyrus ACMI, Karl Storz and Richard Wolf.

Endoscope hookups are custom-designed to be used with specific endoscopes, or family of endoscopes. Validation of these hookups as an integral component of endoscope reprocessing includes extensive flow testing and microbiological monitoring with the hookup attached to a particular endoscope.

As endoscope design and functions change, we continually improve the user interface experience and performance efficacy of the hookups. Since these modifications and upgrades occur regularly, and we want to ensure that our customers always use the correct, as well as most current, version of the hookup for reprocessing endoscopes, a “hard copy” of endoscope hookup descriptions and part numbers is no longer sufficient.

To find the correct hookup to connect your endoscopes to a Medivators endoscope reprocessor visit www.minntech.com/medivators/hookuplookup.

Endoscope Reprocessing Filters

One-Year Filter Packages

Advantage (Reusable HLD)

Complete Filter Package (14 Day HLD Change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (5 packages of 12), 0.45µ Prefilter (4), 1µ Prefilter (4), 0.2µ absolute bacteria-retentive filter (2) and Basin Drain filter (5 packages of 12).

MF01-0060

Advantage (Reusable HLD)

Complete Filter Package (28 Day HLD Change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (3 packages of 12), 0.45µ Prefilter (4), 1µ Prefilter (4), 0.2µ absolute bacteria-retentive filter (2) and Basin Drain filter (3 packages of 12).

MF01-0061

Advantage (Reusable HLD)

Internal Only Filter Package (14 Day HLD Change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (5 packages of 12), and Basin Drain filter (5 packages of 12).

MF01-0062

Advantage (Reusable HLD)

Internal Only Filter Package (28 Day HLD Change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (3 packages of 12), and Basin Drain filter (3 packages of 12).

MF01-0063

Advantage Plus

Complete Filter Package (Rapicide PA HLD)

Filter package includes: Air filter (1 package of 8), 0.4µ Prefilter (4), 1µ Prefilter (4), 0.1µ absolute Bacterial-retentive filter (2) and Basin Drain filter (2 packages of 12).

MF01-0072

MF01-0075 (with AVMS filter)

CER/MV

Complete Filter Package

Filter package includes: 1µ Prefilter (4), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0046

DSD EDGE

Complete Filter Package (Rapicide PA HLD)

Filter package includes: Air filter (1 package of 8), 0.45µ Prefilter (4), 1µ Prefilter (4), and 0.2µ Bacterial-retentive absolute filter (2)

MF01-0078

DSD

Complete Filter Package (14 day HLD change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (5 packages of 12), 0.45µ Prefilter (4), 1µ Prefilter (4), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0041

DSD

Complete Filter Package (28 day HLD change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (3 packages of 12), 0.45µ Prefilter (4), 1µ Prefilter (4), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0042

DSD

Internal Only Filter Package (14 day HLD change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (5 packages of 12), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0043

MF01-0076 (with AVMS filter)

DSD

Internal Only Filter Package (28 day HLD change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (3 packages of 12), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0044

MF01-0077 (with AVMS filter)

SSD

Complete Filter Package (14 day HLD change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (2 packages of 12), 0.45µ Prefilter (4), 1µ Prefilter (4), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0073

SSD

Complete Filter Package (28 day HLD change)

Filter package includes: Air filter (1 package of 8), Disinfectant filter (1 packages of 12), 0.45µ Prefilter (4), 1µ Prefilter (4), and 0.2µ Bacterial-retentive absolute filter (2).

MF01-0074

Medivators Filter packages are designed for use in reprocessing environments having 'normal' water particulate quality.

Facilities having high particulate content in their water should contact Medivators for a complete water analysis. A water analysis allows the correct filter combination to be custom identified based on a facility's water particulate count, which ensures optimal filter life.

Endoscope Reprocessing Filters

Air and Disinfectant Filters



**Air Filter
(ADVANTAGE/
ADVANTAGE PLUS/
DSD/DSD EDGE/SSD)**
Replacement air filter for
Advantage, DSD-201,
DSD-91E or SSD-102.
Includes 8 filters per package.
MF01-0028



**Disinfectant Filter
(DSD/SSD)**
Replacement disinfectant
filter for DSD-201, DSD-91E
or SSD-102. Compatible
with aldehyde or oxidizing
chemical disinfectants.
Includes 12 filters per package.
MF01-0011

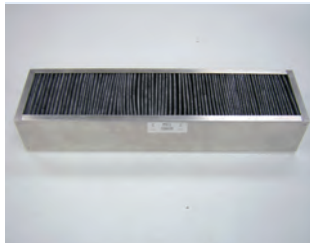


**Disinfectant Filter
(ADVANTAGE)**
Replacement disinfectant
filter for Advantage system
using multiple-use disinfectant.
12 filters per package.
MF01-0058



**Basin Drain Filter
(ADVANTAGE/
ADVANTAGE PLUS)**
Replacement basin drain filter.
12 filters per package.
MF01-0059
Filter Hook
For removal of basin drain filter.
5-6-170

Vapor Management Filters



**VMS Filter
(DSD/DSD EDGE/SSD)**
Replacement charcoal filter
for Labworks® Active Vapor
Management System
on DSD and SSD.
MF01-0025



**VMS Filter
(DSD/DSD EDGE/SSD)**
Replacement charcoal filter
for PCI® Active Vapor
Management System
on DSD, DSD EDGE and SSD.
MF01-0037



**VMS Filter
(CER/MV)**
Replacement charcoal filter for
PCI Active Vapor Management
System on CER and MV.
MF01-0055



**VMS Filter
(ADVANTAGE)**
Replacement charcoal filter for
PCI Active Vapor Management
System on Advantage System
for use with Aldehyde based
disinfectants (OPA and glut).
MF01-0064



**VMS Filter
(ADVANTAGE PLUS)**
Replacement charcoal filter for
PCI Active Vapor Management
System on Advantage Plus
System for use with Rapiocide PA
peracetic acid based high
level disinfectant.
MF01-0068

Replacing filters
too often?
**Have a water particulate analysis
performed and Medivators can
customize a filter package for you.**

Endoscope Reprocessing Filters

5" Water Filters



**5 Micron Sediment
Nominal Pre-filter
(ADVANTAGE/DSD/SSD)**
5 micron, nominal 5" pre-filter
for gross water filtration.
MF01-0003

**All Medivators order processing,
technical product support and
repair services are available
at one convenient number —**

1-800-444-4729

10" Water Filters



**0.2 Micron
Absolute Filter
(ADVANTAGE/DSD/
DSD EDGE/SSD)**
Patented and FDA cleared
0.2 micron absolute bacteria
retentive, 10" internal filter.
MF01-0013



**0.2 Micron
Pre-filter
(ADVANTAGE/DSD/SSD)**
0.2 micron, nominal 10" filter
for water pre-filtration system.
MF01-0040



**0.2 Micron
Absolute Filter
(CER/MV)**
0.2 micron absolute bacteria
retentive 10" filter.
CF01-0018



**0.45 Micron
Absolute Pre-filter
(ADVANTAGE/DSD/
DSD EDGE/SSD)**
0.45 micron, absolute 10" filter
for pre-filtration system
particulate reduction.
MF01-0015



**1 Micron
Nominal Pre-filter
(ADVANTAGE/DSD/
DSD EDGE/SSD/CER/MV)**
1 micron, nominal 10" filter
for pre-filtration system
particulate reduction.
MF01-0014



**0.1 Micron
Absolute Filter
(ADVANTAGE PLUS)**
0.1micron, absolute bacteria
retentive 10" filter.
MF01-0069



**1 Micron
Nominal Pre-filter
(ADVANTAGE PLUS)**
1.0 micron, nominal 10" filter
for pre-filtration system
particulate reduction
MF01-0070



**0.4 Micron
Nominal Pre-filter
(ADVANTAGE PLUS)**
0.4 micron, nominal 10" filter
for pre-filtration system
particulate reduction.
MF01-0071

Endoscope Reprocessing Filters

20" Water Filters



0.2 Micron Absolute Filter
(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)
 0.2 micron, absolute bacteria retentive, external 20" filter.
MF01-0035



1 Micron Nominal Pre-filter
(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)
 1 micron, nominal 20" filter for pre-filtration system.
MF01-0030



0.2 Micron Nominal Pre-filter
(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)
 0.2 micron, nominal 20" filter for pre-filtration system.
MF01-0039



25 Micron Sediment Nominal Pre-filter
(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)
 25 micron, nominal 20" microfiber pre-filter for water pre-filtration system.
MF01-0038



0.45 Micron Nominal Pre-filter
(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD)
 0.45 micron, nominal 20" filter for pre-filtration system.
MF01-0033



0.45 Absolute Micron Pre-filter Premium, Extended Life Filter
(ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)
 0.45 micron, Absolute 20" filter, polypropylene depth pleated, for pre-filtration system.
MF01-0036

Recommended Replacement Schedules

AIR FILTER

one per side every three months
 (DSD/DSD EDGE/SSD)
 two per side every six months
 (ADVANTAGE/ADVANTAGE PLUS)

WATER PRE-FILTER

one every three months
 (ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)

ABSOLUTE FILTER

one every six months
 (ADVANTAGE/ADVANTAGE PLUS/DSD/DSD EDGE/SSD/CER/MV)

DISINFECTANT FILTER

one per side every 14 or 28 days,
 or sooner depending on HLD life
 (ADVANTAGE/DSD/SSD)

BASIN DRAIN FILTER

one per side every 14 or 28 days,
 or sooner depending on HLD life
 (ADVANTAGE/ADVANTAGE PLUS)

VAPOR MANAGEMENT FILTER

one every six months

Customer Support

Whether you already use Medivators products or are considering a new purchase, you expect and deserve quality service throughout your experience.

Providing world-class training and customer support to ensure optimal performance from your Medivators products is our mission.

Customer Service Representatives

Available from 7:30am to 5:00pm (CST), Monday through Friday, our Customer Service Team can assist you with orders, delivery requests and product information.

Technical Product Support

Live telephone support is available from 6am to 6pm (CST), Monday through Friday, for questions relating to the operation or use of all Medivators products. Medivators Technical Service Representatives have extensive experience, training and manufacturing-based continuing education.

Our expert team can:

- Answer technical questions
- Provide guidance for proper equipment operation
- Troubleshoot error messages and alerts
- Diagnose hardware problems
- Schedule repairs or preventive maintenance
- Defer to other resources to ensure your satisfaction

Online Support

Medivators Resource Center located at www.minntech.com/medivators/resource/index.html quickly links you to a host of useful information including:

- The User Library, containing downloadable product information, report forms, and user guides
- Answers to frequently asked questions
- Related links to endoscope manufacturers, professional organizations, and regulatory sites
- Material Safety Data Sheets

All Medivators order processing, technical product support and repair services are available at one convenient number —

1-800-444-4729



Ordering Information

To Place an Order Call: (800) 444-4729 or Fax: (800) 686-8493

Customer Service Representatives are available Monday – Friday, 7:30 a.m. to 5:00 p.m. Central Time to assist you with orders, delivery requests, and product information.

Orders can be emailed to: mvorders@minntech.com or custserv@minntech.com

Please provide the following information when placing your order:

- Account number
- Company name
- Billing address
- Shipping address
- Purchase order number
- Contact name
- Telephone number with area code
- Delivery date required
- Product to be ordered and quantity
- Special delivery instructions

If you do not have an account number, you may be required to submit additional information.

Method of Payment

- Check (U.S. dollars)
- Wire transfer (contact credit department)
- Credit Card (Visa®, Mastercard®, American Express®)

If payment is by credit card, the following information is required:

- Type of credit card
- Card number
- Expiration date of card
- Name (as it appears on the card)
- Billing address of card
- 3 digits on back of card

Terms

- Payment – Net 30 days from date of invoice unless otherwise agreed to in writing.
- Interest of 1.5% monthly on any past due balance may apply.

Shipping

- Orders will be shipped F.O.B. Minntech.

Returned Goods Policy

- For tracking purposes, an RMA number must accompany all product returns. An RMA number can be obtained by calling Customer Service or Technical support. The RMA number is to be clearly identified on the outside of the return shipping label.
- Product returned to Minntech may be subject to a restocking fee for each RMA. The restocking fee is a minimum of \$75.00 to maximum of 25% of the sales value.
- The customer is responsible for all costs related to returning product to Minntech, including shipping expenses.
- Minntech will not assume any liability for product returns without an RMA number.

Visit our website

www.minntech.com/medivators

for further details.

Training, Repair and Maintenance Services

Operator Training

On-site, comprehensive endoscope reprocessing training is available for facility staff and is provided by highly-qualified Clinical Support Specialists. Medivators Clinical Specialists have more than 80 years of experience in health care management, from infection control to critical care, operating room, and of course, endoscopy. Training is coordinated to fit your schedule and is customized to address the specific needs of the personnel.

Medivators also offers the technical training of biomedical engineers on the AER product line. Training includes equipment functions and hands-on operation.

In-house Repair (Veriscan, CER/MV)

Should your Medivators system require maintenance or repair, the customer support resources available through our in-house Depot Service team are unparalleled. All service work is completed at our production facility and is backed by a comprehensive 90-day warranty.

Depot Service repair includes:

- A loaner reprocessor for the duration of repair, shipped overnight to your facility
- Comprehensive performance testing to determine required and recommended repairs
- Repair estimates provided for approval prior to initiation of any repair work
- All repair work is completed to Medivators current specifications
- FDA and ISO-9001 certified
- 90-day warranty on services performed and parts replaced
- Service report for documentation and record-keeping compliance

**All Medivators order processing,
technical product support and
repair services are available
at one convenient number —**

1-800-444-4729

On-site Repair Services and Preventive Maintenance (ADVANTAGE/DSD/SSD)

Medivators Field Service Engineers ensure your Medivators equipment is properly installed, maintained, and operating in accordance with current product specifications. All service work is backed up with a Field Service Report Form for documentation and record-keeping compliance.

Only Medivators service engineers are trained and certified by Medivators, and their sole responsibility is the servicing of Medivators equipment.

Medivators offer a range of cost-effective programs to ensure optimal performance of your Medivators reprocessor — service contracts and preventive maintenance programs meet your facility's requirements. Of course, on-demand service is always available by calling our Customer Support 800 number.

See Service Contracts page for further information.



Operator Training

EQUIPMENT	PRODUCT NUMBER
CER-1 & CER-2	OPT-1000
DSD-201 & DSD-201LT	OPT-1001
ADVANTAGE & PLUS	OPT-1002
DSD EDGE	OPT-1003

Biomed Training – Onsite

EQUIPMENT	PRODUCT NUMBER
CER-1 & CER-2	BMT-1002
DSD-201 & DSD-201LT	BMT-1001
DSD EDGE	BMT-1006

Biomed Training – at Medivators Training Facility

EQUIPMENT	PRODUCT NUMBER
CER-1 & CER-2	BMT-1004
DSD-201 & DSD-201LT	BMT-1003
ADVANTAGE & PLUS	BMT-1005
DSD EDGE	BMT-1007

Installation During Normal Business Days

EQUIPMENT	PRODUCT NUMBER
CER-1 & CER-2	INS-1001
DSD-201 & DSD-201LT	INS-1000
ADVANTAGE & PLUS	INS-1004
DSD EDGE	INS-1006

Installation During Non-Business Days

EQUIPMENT	PRODUCT NUMBER
CER-1 & CER-2	INS-1003
DSD-201 & DSD-201LT	INS-1002
ADVANTAGE & PLUS	INS-1005
DSD EDGE	INS-1007

Service Contracts

PLATINUM-RAPICIDE AND RAPICIDE PA (ADV PLUS) SERVICE CONTRACT

Platinum Service Agreement initiates a new warranty on the covered Medivators endoscope reprocessor(s). Platinum Service Agreements include remedial service (labor, travel and parts), annual preventive maintenance, one operator training program annually provided by a Medivators Clinical Support Specialist, one year supply of customer-replaceable filters (28 day HLD) and telephone technical support at no additional charge for each year of the agreement.

EQUIPMENT	PRODUCT NUMBER
DSD-201	C-PS-1010
DSD-201LT	C-PS-1011
SSD-201 & LT	C-PS-1014
DSD EDGE	C-PS-1016

EQUIPMENT	PRODUCT NUMBER
ADVANTAGE	C-PS-1013
ADVANTAGE*	C-PS-1042
ADVANTAGE PLUS*	C-PS-1015
ADVANTAGE PLUS*	C-PS-1043

PLATINUM-OPA SERVICE CONTRACT

Platinum Service Agreement initiates a new warranty on the covered Medivators endoscope reprocessor(s). Platinum Service Agreements include remedial service (labor, travel and parts), annual preventive maintenance, one operator training program annually provided by a Medivators Clinical Support Specialist, one year supply of customer-replaceable filters (14 day HLD) and telephone technical support at no additional charge for each year of the agreement.

EQUIPMENT	PRODUCT NUMBER
DSD-201	C-PS-2010
DSD-201LT	C-PS-2011

EQUIPMENT	PRODUCT NUMBER
ADVANTAGE	C-PS-2013
ADVANTAGE*	C-PS-2001

GOLD SERVICE CONTRACT

Gold Service Agreement initiates a new warranty on the covered Medivators endoscope reprocessor(s). Gold Service Agreements include remedial service (labor, travel and parts), annual preventive maintenance, one operator training program annually provided by a Medivators Clinical Support Specialist and telephone technical support at no additional charge for each year of the agreement.

EQUIPMENT	PRODUCT NUMBER
DSD-201	C-GS-1010
DSD-201LT	C-GS-1011
DSD-EDGE	C-GS-1016

EQUIPMENT	PRODUCT NUMBER
SSD-102	C-GS-1014
SSD-102LT	C-GS-1015
ADVANTAGE & PLUS*	C-GS-1013
ADVANTAGE & PLUS*	C-GS-1041

SILVER SERVICE CONTRACT

Silver Service Agreement initiates a new warranty on the covered Medivators endoscope reprocessor(s) or Veriscan System. Silver Service Agreements provide remedial service (labor, travel and parts for AER products) (labor, parts and loaner for SAER and Veriscan products) and telephone technical support at no additional charge for the period of the agreement.

EQUIPMENT	PRODUCT NUMBER
CER-1	C-SS-1012
CER-2	C-SS-1013

EQUIPMENT	PRODUCT NUMBER
VERISCAN	C-SS-1015

PREVENTIVE MAINTENANCE SERVICE

Preventive maintenance covers inspection and replacement of all components required to refurbish the Medivators endoscope reprocessor to original performance specifications (labor and parts are fully covered). The preventive maintenance kit parts will be fully under warranty for 90 days following PM completion. Components needed to repair the reprocessor and not covered by this service or by a warranty will incur additional charges.

EQUIPMENT	PRODUCT NUMBER
DSD-201	C-PM-1020
DSD EDGE	C-PM-1026
CER-1	C-PM-1024

EQUIPMENT	PRODUCT NUMBER
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SSD-102	C-PM-1023
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*For Customers who don't enable remote diagnostics

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New Product Warranty

LIMITED WARRANTY

Medivators Reprocessing Systems, a division of Minntech Corporation (“Medivators”), warrants that the endoscope reprocessor it manufactures (the “Product”) will conform to Medivators’ written specifications and will be free from defects in material and workmanship under normal use and service for a period (the “Warranty Period”) of fifteen (15) months from date of shipment from Medivators or one (1) year from the date of installation, whichever occurs first.

Notwithstanding anything herein to the contrary, the Warranty Period for consumables, accessories and service parts supplied by Medivators, including, but not limited to, endoscope hook-ups, filters, printers, printer supplies, test strips, and accessory bags, is ninety (90) days from the date of installation or 120 days from date of shipment, whichever occurs first.

The warranty does not cover, and Medivators will have no warranty obligation whatsoever with respect to, any damage to the Product caused by or associated with: (i) external causes, including without limitation, accident, vandalism, acts-of-God, power failure or electric power surges, (ii) abuse, misuse or neglect of the Product by the customer or use of unauthorized third party filters or other consumables and accessories, (iii) usage not in accordance with product instructions, (iv) the customer’s failure to perform required preventive maintenance, or (v) servicing or repair not authorized by Medivators.

LIMITATION OF REMEDY

The warranty obligation of Medivators hereunder is limited to the repair or replacement (at its option) of the Product or any parts it deems defective. This will be customer’s exclusive remedy for a covered defect.

In order to recover under the warranty, the customer must notify Medivators if in the U.S.A., or country of installation of the defect (describing the problem in reasonable detail) prior to the expiration of the warranty period and within thirty (30) days of discovery of the defect. Upon receiving Medivators’ official “return goods authorization” (RGA), the customer must promptly return the defective part or Product to Medivators (or the service center indicated on the RGA), freight and insurance prepaid. Medivators will not be responsible for any damage during shipment.

WARRANTY DISCLAIMER

THE WARRANTY ABOVE IS MEDIVATORS’ ENTIRE WARRANTY OBLIGATION TO PURCHASERS OF THE PRODUCT. IT IS IN LIEU OF ALL OTHER WARRANTIES OF MEDIVATORS, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND MEDIVATORS DOES NOT REPRESENT OR WARRANT THAT THE PRODUCT WILL MEET CUSTOMER’S REQUIREMENTS. MEDIVATORS’ RESPONSIBILITY FOR DEFECTS IN THE PRODUCT IS LIMITED SOLELY TO REPAIR AND REPLACEMENT AS SET FORTH IN THIS WARRANTY STATEMENT.

TO THE EXTENT PERMITTED BY LAW, MINNTECH CORPORATION SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE TO CUSTOMER FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT OR SPECIAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMITATION, DAMAGES ARISING OUT OF OR IN CONNECTION WITH ANY MALFUNCTIONS, DELAYS, LOSS OF PROFIT, INTERRUPTION OF SERVICE, OR LOSS OF BUSINESS OR ANTICIPATORY PROFITS, EVEN IF MINNTECH CORPORATION HAS BEEN APPRISED OF THE LIKELIHOOD OF SUCH DAMAGES OCCURRING.

This Warranty gives customer of the Product specific legal rights, and customers may also have other rights which vary from jurisdiction to jurisdiction.

In no event shall Medivators’ liability exceed the original purchase price of the covered Product.

No representative or agent of Medivators has any authority to bind Medivators to any other representation or warranty with respect to the Product, and the customer accepts the Product subject to all of the terms above.

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You Benefit...

- More choices
- Lowest cost of ownership
- Industry-leading service
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For additional information please contact your Medivators sales consultant or visit our website at www.minntech.com/medivators



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Minntech Corporation • 14605 28th Avenue North • Minneapolis MN 55447

Phone: 800-444-4729 • Fax: 800-686-8493

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