

Instrument Reprocessing Guide



Does your Steri-Center meet SciCan's SPECs™?

LEADERSHIP

in Infection Control

Through a sustained legacy of product innovation and refinement, SciCan has set the benchmark for sterilization and instrument reprocessing technology in over 90 countries around the world.

Originally founded in 1957, SciCan develops and manufactures highly innovative infection control products that address the need for speed, flexibility, and efficiency in today's environments. In 1989, SciCan developed and produced an internationally

recognized infection control innovation, the STAT/M® Cassette Autoclave. Over the next quarter century, SciCan continued to be at the forefront of technology with the release of the HYDR/M® Instrument Washers, BRAVO™ Chambered Autoclaves, and G4 Networking Technology.

SciCan's HYDR/M®, STAT/M®, and BRAVO™ are designed to be the fastest and most efficient instrument washers and autoclaves on the market.

“

A well designed Steri-Center should improve **Safety**, ensure **Predictable** results, maximize **Efficiency**, and maintain **Compliance**.

”



Safe

Dental instruments should be processed in the safest and most efficient way possible to reduce the risk of staff injury and the costs associated with exposure incidents.

It is not only important to prevent exposures from sharps, but also from biologically contaminated fluids and aerosols generated by open-lid ultrasonic cleaning and cold sterile solutions. Systems should also be in place to ensure that instruments are safe for use on patients by preventing contamination of instruments after they are processed.



Predictable

To avoid delays and interruptions in your clinical workflow, you need to be able to count on having clean, sterile, and dry instruments every time you need them. You also want to be confident that contaminated instruments can flow through the reprocessing steps in your sterilization area quickly and consistently every time. Automation, redundancy, and reliability are the 3 keys to ensuring that this happens.

SCICAN'S STERI-CENTER SPEC[™]s

What are they?

An often overlooked part of many dental offices is the sterilization area, which is the heart of every practice. If instruments can't efficiently flow into and out of the sterilization area, the rest of the practice will suffer. We have created the "SciCan's Steri-Center SPECs" educational campaign, as well as trained Regional Infection Control Trainers nation-wide, to help offices design steri-centers that meet "SciCan's Steri-Center SPECs"; meaning that the steri-center will improve Safety, ensure Predictable results, maximize Efficiency, and maintain Compliance.

Following SciCan's Steri-Center SPECs, will help you get the most out of your sterilization area and the equipment you put in it.

Instrument Reprocessing Zones



Efficient

Speed comes from using processes and equipment that maximize efficiency and reduce manual labor. This applies to the way instruments flow through your office and sterilization area, as well as the equipment you use to reprocess instruments. Manual labor should be eliminated wherever possible, so that dental staff can focus on tasks that can't be automated; such as operatory cleanup and preparation.



Compliant

Instrument reprocessing should meet or exceed all federal OSHA standards, the 2003 and 2016 CDC dental guidelines, and all state dental laws. This not only protects dental staff and their patients, but it also protects the office from costly and reputation-damaging infection control violations. Designing your sterilization area with compliance in mind from the start is the easiest way to make sure that you maintain compliance.

SALUS[®] - Hygiene

Instrument Reprocessing Container

SALUS is a reusable container designed to organize your hygiene instruments during use, transport, cleaning, sterilization, and storage. Safely store and transport your instruments, every step from sterile storage to chair side.



No Wrap Required

SALUS eliminates the costly and time consuming use of sterilization paper and pouches.

Save hours spent wrapping, hundreds of dollars in sterilization paper, and reduce waste.



Safe Transport

SALUS eliminates the need to handle your hygiene instruments during reprocessing. Instruments are safely and easily transported in the rack and sleeve.

The tamper evident latch is activated when processed through a steam sterilizer. Rack handles lock instruments in place.



User Friendly

Transparent container allows for instant identification of instruments and chemical indicator.



Maintain OSHA Compliance

SALUS is OSHA compliant for transport. Safety knob locks container for secure transport.



Capacity and Sterile Storage

SALUS fits most standard hygiene solid instruments (up to 6.88"). Maintains sterility for up to 30 days. Container to last 2,500 cycles.





Rack & Sleeve

are made of
medical grade resin

Validated for Biocompatibility
Designed to withstand Steam Sterilization



Sleeve



Rack

HYDRIM[®] G4

Instrument Washers

HYDRIM G4 automated instrument washing is the first step in the sterilization process.



Efficient

The time saved by automated washing compared to manual cleaning is approximately 1 hour of labor for every nine procedural set-ups¹. HYDRIM G4 cycle times are as fast as 40 minutes from start to dry. HYDRIM ensures that every set of instruments receives the same validated cleaning process.



Safe

Avoid the many dangerous steps involved with manual washing or using ultrasonic cleaners. Pre-soaking, scrubbing, and drying instruments before sterilization increases the exposure to blood and body fluids and the risk of sharps injuries.

Automated instrument washing reduces physical handling of contaminated instruments. Using the HYDRIM G4 instrument washer is the safer and more effective option, decreasing the risk of exposure and injuries. HYDRIM G4 saves time and money. HYDRIM G4 is a worthy investment for today's standard of care.



G4 Networking Technology

There is nothing like SciCan's G4 Networking Technology. The large touch screen gives in-depth cycle information and allows users to view current operations.

From the networking portal, users can access cycle history and validation information. If there is ever a cycle fault, the G4 software will send an email to the office and the service technician, allowing remote troubleshooting.



Large Capacity

HYDRIM L110W G4 has a 10 full-size cassette capacity allowing offices to turnover 200 instruments in as little as 40 minutes, start to dry.*

HYDRIM C61W G4 has a 6 full-size cassette capacity, allowing offices to turnover 120 instruments in as little as 40 minutes, start to dry.*

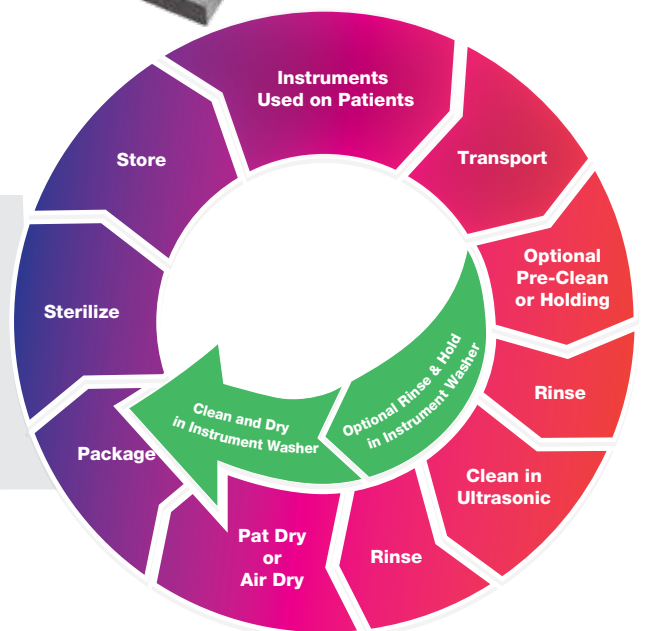
¹ Tholen, Mark, 10 Ideas to Increase Production and Decrease Expenses in Sterilization. (www.dentaleconomics.com/articles/print/volume-99/issue-10/features/increase-production-and-decrease-expenses-in-sterilization.html)

*Actual cycle times will vary with incoming water temperature and pressure.





HYDRIM reduces the number of instrument reprocessing steps; increasing efficiency and decreasing sharps exposure risk.



STATCLEAN™

Ultrasonic Cleaner

The **STATCLEAN** 1.6 gallon tank and convenient self docking lid, holds a variety of instruments, making it the perfect ultrasonic to complete your reprocessing needs.



Quiet

StatClean's 4.5 mm thick wall housing, made from engineering grade plastic, is quieter than most steel housing designs. This makes StatClean one of the quietest ultrasonic units on the market.



Easy to Use

StatClean's 3 color LED display accurately displays the 1 – 30 minute full range timer and degas option. The StatClean is equipped with advanced power-off memory, allowing it to save the last timer setting.

The easy to access drainage valve eliminates the need to manually empty a tank of solution, eliminating the possibility of spills.



Power

Two industrial grade ultrasonic transducers with independent control circuits provide uniform distribution of ultrasonic waves, increasing cleaning efficiency by up to 40% over other units on the market.



Water Resistant

The StatClean has been designed to be resistant to water penetration within the control panel to ensure continued optimal performance.

OPTIM[®] 28

Ultrasonic Cleaning Solution

OPTIM 28 is the cleaner of choice for use in the StatClean™ and provides quick, superior cleaning of instruments. OPTIM 28 contains Stabilized Hydrogen Peroxide, a highly effective means of cleaning organic debris. It is non-corrosive when used at the correct dilution and is effective against protein, carbohydrates, and lipids in only 5 minutes.





STATMATIC™

Ultimate Care System for Handpieces

STATMATIC automatic care and maintenance system properly cleans, lubricates, and purges up to 3 handpieces prior to sterilization. The STATMATIC also incorporates a unique chuck cleaner to dislodge debris inside the chuck. You and your staff will profit from greater efficiency, fewer repairs, and extended durability of your handpieces.



Extends the Life of your Handpieces

Properly cleans, lubricates, and purges your handpieces to increase their working lifetime.



Optimizes Staff Productivity

Automated process optimizes working procedures in your practice, allowing staff to focus on alternative tasks. Up to 3 handpieces can be cleaned, lubricated, and purged in less than a minute.



Chuck Cleaner

Cleans and lubricates the chuck to keep burrs from sticking or falling out.



10 Year Warranty

Highest quality stainless steel design, long working life – you can rely on STATMATIC.



SANAO™ and STATIS® Lowspeed and Highspeed Handpieces

For our full line of handpieces
visit www.scicanusa.com/handpieces



BRAVO™

Chamber Autoclaves

BRAVO is a class B fractionated vacuum sterilizer that incorporates both pre-sterilization vacuum to improve steam penetration and post-sterilization vacuum to improve drying.



Fast

BRAVO offers the perfect blend of speed and capacity. Total cycle times, including drying, are completed in about half the time of other chamber autoclaves.

BRAVO 17V and 21V are two of the fastest chamber autoclaves on the market. They produce consistently dry loads that are sterile and dry in only 35 minutes.



Gentle

The fresh water feature guarantees that fresh water is used with every cycle. Fresh water reduces the build up of oils and debris.



Dry

With closed door drying and post vacuum technology, the BRAVO is able to dry faster than other chamber autoclaves.



Capacity

BRAVO 17V can sterilize 3 full-size cassettes or up to 20 pouches.

BRAVO 21V has a deeper chamber and can sterilize 3 oral surgery cassettes or up to 25 pouches.





STATIM® G4

Cassette Autoclaves

STATIM provides sterilization and dryness at speeds faster than conventional chambered autoclaves.



Fast Cycle Times

STATIM 2000 G4 unwrapped cycle times are the world's fastest at 6 minutes. Wrapped cycles, including drying, can be completed in 35 minutes.

STATIM 5000 G4 can complete unwrapped cycles in as little as 9 minutes. Wrapped cycles, including drying, can be completed in 40 minutes.



Gentle

The fresh water feature guarantees fresh water with every cycle. State of the art steam technology is gentle on both solid and hollow instruments.



Reliable

For over 25 years, STATIM's unmatched speed, reliability, and flexibility have made it one of the world's best selling tabletop autoclaves.



G4 Networking Technology

SciCan's G4 equipment can connect and send accurate information to your smart devices so that you can have cycle data, instructions, and maintenance notifications at your fingertips.



Capacity

STATIM G4 autoclaves not only offer fast sterilization times but also enough capacity to meet the needs of a busy practice.

The STATIM 2000 G4 capacity allows for up to 4 pouches and the STATIM 5000 G4 allows for up to 12 pouches.

VistaCool™

Direct-to-Drain System

VistaCool is a validated, reliable, and maintenance-free solution that safely vents the used sterilization water directly down the drain, eliminating the need for the STATIM's condenser bottle.





VistaPure Autofill

Automatically refill your autoclaves

Replenish any new or older-model STATIM and BRAVO autoclave with distilled-quality water automatically, enabling truly hands-free convenience.





VISTAPURE™

Water Filtration

VISTAPURE is a specialized water filtration system for STATIM Cassette Autoclaves, BRAVO Fractionated Vacuum Sterilizers, HYDRIM Instrument Washers, ultrasonic cleaners, dental bottles, and other select autoclaves and instrument washers.

VISTAPURE provides two grades of high-quality water for the ultimate efficiency; one for use in instrument washers and for filling dental bottles and the other for filling autoclaves. The system connects directly to the city water supply and sends filtered water exactly where you need it in the Steri-Center for easy, on-demand use.



Easy To Use

VistaPure's handheld, point-and-shoot wand makes it easy for anyone to fill autoclaves no matter where they're located. In addition, the system's mounted faucet makes it easy to fill dental unit bottles over a sink.



Convenient

VistaPure provides a high volume of ready-to-use water on-demand. Its large 4.25-gallon storage tank means you don't need to wait for the hyperfiltration process to take place.



Consistent

Each VistaPure features an in-line TDS meter that monitors water quality and makes it easy to know when it's time to replace your filters.

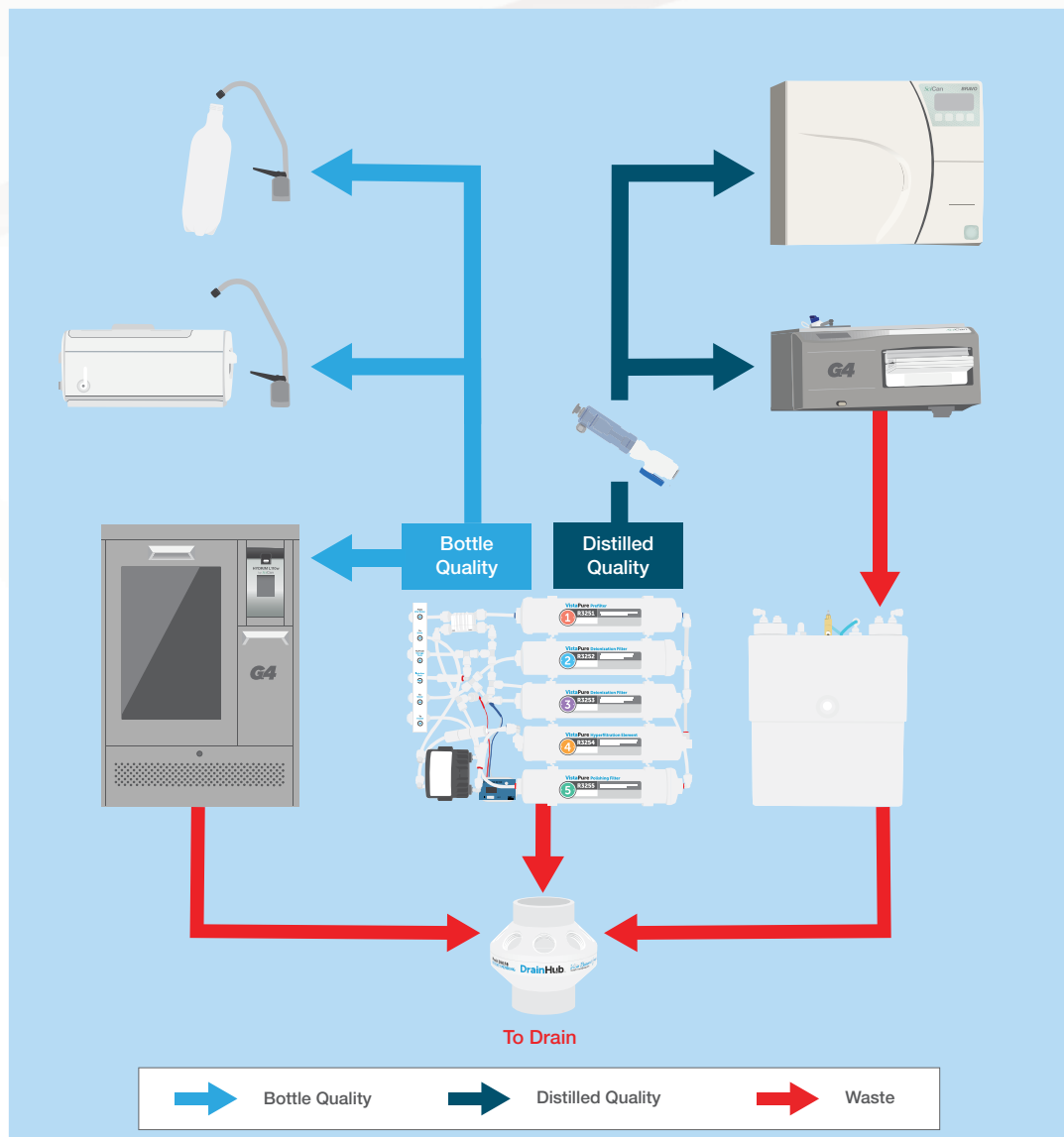
DrainHub™

Multi-port drain adapter

The patent-pending device accepts up to eight drain connections in one small hub; saving space, cost, and time.



VistaPure™ System



VistaPure AutoFill

offers an assortment of accessories:

VistaPure AutoFill for STAT/M

Deliver distilled-quality water to your STAT/M® autoclave automatically. You'll never have to fill your STAT/M® manually again.

VistaPure AutoFill for BRAVO

Replenish the BRAVO™'s refill tank with distilled-quality water automatically—enabling truly hands-free convenience.

HYDRIM Connection Kit.



ENSURE™

Monitoring for Steam Sterilization

The **ENSURE** line of infection control monitoring products ensures your equipment is performing at its peak. It includes a range of products that are simple, easy to use, and help to ensure your patients are being kept safe with every cycle.



Safe

Designed to help keep your patients safe with every cycle.



Easy

Provide the highest level of sterility assurance with easy-to-read indicators, which clearly identify if an instrument load met the expected parameters for sterilization.



Capacity

The 10-well incubator allows you to monitor up to 5 sterilizers at one time, providing you with easy-to-read results that show whether sterility has been achieved or not.



Reliable

Meets the most stringent requirements in today's changing regulatory environment.



OPTIM[®] 1

One-Step Cleaner & Intermediate-Level Disinfectant

With a 1 minute broad-spectrum contact time, **OPTIM 1** is one of the fastest and most effective cleaner & intermediate-level disinfectants. It is listed as a category IV, the EPA's lowest toxicity category. OPTIM 1 provides the confidence that you are compliant and protecting your patients, staff, equipment and the environment without compromise; the perfect balance.



Effective One-Step Cleaner

Removes organic debris while disinfecting, saving you time and money¹



Fast Broad-Spectrum Disinfectant

1 minute contact time ensures compliance, saving you time and money²



Mindful of you and your patients

In the lowest EPA toxicity category, category IV
No GHS hazard pictograms, signal words or statements required. No VOCs (volatile organic compounds).



Sustainable

Active ingredient, Hydrogen Peroxide, breaks down into water and oxygen. No active residues reduce environmental impact



Time and Cost Efficient

1/2 as many wipes as the leading competitor are needed to keep your surface wet long enough to achieve disinfection³



Compatible

Designed to be compatible with a wide range of materials⁴



¹ John Molinari, PhD, Peri Nelson, BS, and Devi J.V. Raghavan, BDS. Optim 1 Cleaning and Disinfection Study. Ann Arbor: Dental Advisor, 2016.

² John A. Molinari, Ph.D., Peri Nelson, B.S., Antonia Molinari. Environmental Surface Wetness Test: Comparison of Disinfectant Wipes. Ann Arbor: Dental Advisor, 2016.

³ John A. Molinari, Ph.D., Peri Nelson, B.S., Antonia Molinari. Environmental Surface Wetness Test: Comparison of Disinfectant Wipes. Ann Arbor: Dental Advisor, 2016.

⁴ John Molinari, Ph.D., Peri Nelson, B.S. Effect of Optim 1 on Tensile Properties of Dental Chair Fabrics. Ann Arbor: Dental Advisor, 2016.



1 MINUTE CONTACT TIME

Active Ingredient: **0.5% Hydrogen Peroxide**

Surface Disinfectant Contact Time*

Product Name	Acitve Ingredient	Mycobacteria	Non-enveloped Viruses				Enveloped Viruses					Bacteria				Fungicidal
		TB	Adeno	Polio	Noro	Rota	RSV	HIV	HBV (Hep.B)	HCV (Hep.C)	Influenza A	MRSA	VRE	E.coli	PSA	
OPTIM 1	0.5% Accelerated Hydrogen Peroxide	1	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec	1	1	1	1	30 sec
OPTIM 33TB	0.5% Accelerated Hydrogen Peroxide	5	1	1	1	1		1	1	1	1	1	1	1	1	10
Birex SE	Phenolics	10						10			10	10		10	10	10
ProSpray	Phenolics	3						1				3			3	3
Caviwipes1	Quats-alcohol	1	3					1	1	1	1	1	1	1	1	1
Caviwipes	Quats-alcohol	3						2	2	2	3	2	2		3	3
Caviwipes AF	Quats	5						2	5	5	5	5	5	5	5	
Opticide 3	Quats-alcohol	2		3	3	2		2	2	2	2	2	2	2	2	2
Sanicloth AF3	Quats	3	3			3	3	30 sec	3	3	3	3	3	3	3	3
Sanicloth Super	Quats-alcohol	1	2			2	2	2	2	2	2	2	2	2	2	2
Sultan Volo	Quats-alcohol	2						2	2	2	2	2	2	2	2	
Discide Ultra	Quats-alcohol	1	1				1	1	1	1	30 sec	1	1	1	1	1
Lysol IC 111	Quats-alcohol	6	3	1	10	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec	2	2	2	2	2
Clorox HP Wipes	1.4% Hydrogen Peroxide	5			3	1	30 sec	30 sec	30 sec	30 sec	1	1	30 sec	30 sec	30 sec	5

* Contact time in minutes. If blank, no published information was available. Information was obtained from publicly available material in September of 2016. Information will be updated if there are changes in claims.

G4

NETWORKING

Technology

SciCan's innovative **G4 Networking Technology** simplifies the way a steri-center is run. It automatically records and monitors every cycle 24/7 so you can operate with the utmost efficiency. It reports human or mechanical error before it costs you time and money.

SciCan's G4 equipment can connect and send accurate information to your smart devices so that you can have cycle data, instructions, and maintenance notifications at your fingertips.



Accurate Cycle Data

Peace of mind knowing cycle data is accurately logged and will remain accessible at any time from any smart phone, tablet, or computer.



Remote Technical Support

Instant and accurate connection to specialized technicians allows equipment to be remotely supported.



Reliable

Maintenance reminders and instructions help keep your equipment in good working order.



Software Updates

Automatic user interface updates to your G4 connected machines.



Part Number	Model
STAT/M G4 Autoclaves	
G4-121101	STAT/M 2000 G4
G4-201103	STAT/M 5000 G4
Recommended Accessories	
01-115325S	STAT/M 2000 Service Kit
01-115326S	STAT/M 5000 Service Kit
01-112406S	Cassette Complete STAT/M 2000 G4
01-114989S	Cassette Complete STAT/M 5000 G4
01-100028S	Cassette Seal & Lube Kit STAT/M 2000
01-101649S	Cassette Seal & Lube Kit STAT/M 5000
01-100207S	Air Filter STAT/M 2000 G4
01-102119S	Biological Filter STAT/M 2000 G4 and STAT/M 5000 G4
BRAVO Chamber Autoclave	
W#AJP00B0000	BRAVO 17V 120V, 15A, 60Hz, No Printer
M7A310013	BRAVO 17V, 220V, 10A 60Hz, No Printer, with Datalogger
M7A310014 *Special Order: No Returns or Exchanges	BRAVO 17V 220V, Datalogger and Printer
M7A320011	BRAVO 21V, 120V, 15A No printer, with Datalogger
M7A320013	BRAVO 21V, 220V, 10A 60Hz, No Printer, With Datalogger
M7A320012 *Special Order: No Returns or Exchanges	BRAVO 21V, 120V 20A, 60 Hz, with printer and Datalogger
M7A320014 *Special Order: No Returns or Exchanges	BRAVO 21V, 220V, 10A 60Hz, with Printer and Datalogger
Recommended Accessories	
47200010000	Biological filter
48000050000	Door gasket
STXX0080000	Tray handle
47200030000	Chamber Drain Filter
01-111774S	Water Intake Pull Kit
01-111775S	Direct-to-Drain Kit
HYDR/M G4 Instrument Washers	
L110W-D01-G4	HYDR/M L110W Instrument Washer
C61W-D01	HYDR/M C61W Instrument Washer
Recommended Accessories	
CS-HIPL	Washer detergent for HYDR/M L110W
CS-HIPC-U	Washer detergent for HYDR/M C61W
01-113277S	Air Filter for HYDR/M C61W

Part Number	Model
VistaPure	
V3000	VistaPure system complete
Recommended Accessories	
R3250	2 Year Filter Package
R3251	Prefilter Element (Position #1)
R3252	Deionization filter (Position #2)
R3253	Deionization filter (Position #3)
R3254	Hyperfiltration Element (Position #4)
R3255	Polishing Filter (Position #5)
S9110	Optional 2.5-gallon net storage capacity water tank
S9111	Optional 4.25 gallon net storage capacity water tank
S9113	Optional 9.5 gallon net storage capacity water tank
S3010	HYDR/M VistaPure Connection
VistaPure AutoFill	
S3020	VistaPure Autofill - STAT/M
S3030	VistaPure Autofill - BRAVO
DrainHub	
DH154	Drain Hub 4 hole
DH158	Drain Hub 8 hole
DH8200	All recommend fittings
VistaCool	
V7501	Single Autoclave System
V7502	Double Autoclave System
StatClean	
SC-P4862	StatClean Ultrasonic Cleaner
SC-SB4862A	StatClean Metal Basket
Recommended Accessories	
SCI2800	OPT/M 28 Ultrasonic Cleaning Solution
SC-BHK02A	Beaker Packaging (includes: 2 beakers, covers & beaker holder)
SC-BH02A	Double Beaker Holder
SC-BK01A	500ml Beaker
SC-BC01A	Beaker Cover
SC-PB4862A	Plastic Basket
STATMATIC and Spray	
S30000-NA	STATMATIC
Recommended Accessories	
STM500-6NA	STATMATIC Spray
S30102	Absorption Pad (6 pack)
S30101-BA	Maintenance Coupling Bien Air
S30101-E	Maintenance Coupling E-type
S30101-KVH	Maintenance Coupling KaVo Intra Head
S30101-MW	Maintenance Coupling Midwest Slow Speed
S30101-CX	Maintenance Coupling MULTiflex/Connex
S30101-NSK	Maintenance Coupling NSK
S30101-ST1T	Maintenance Coupling Sirona T1 Highspeed
S30101-ST1I	Maintenance Coupling Sirona T1 Instrument
S30101-W&H	Maintenance Coupling W&H

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