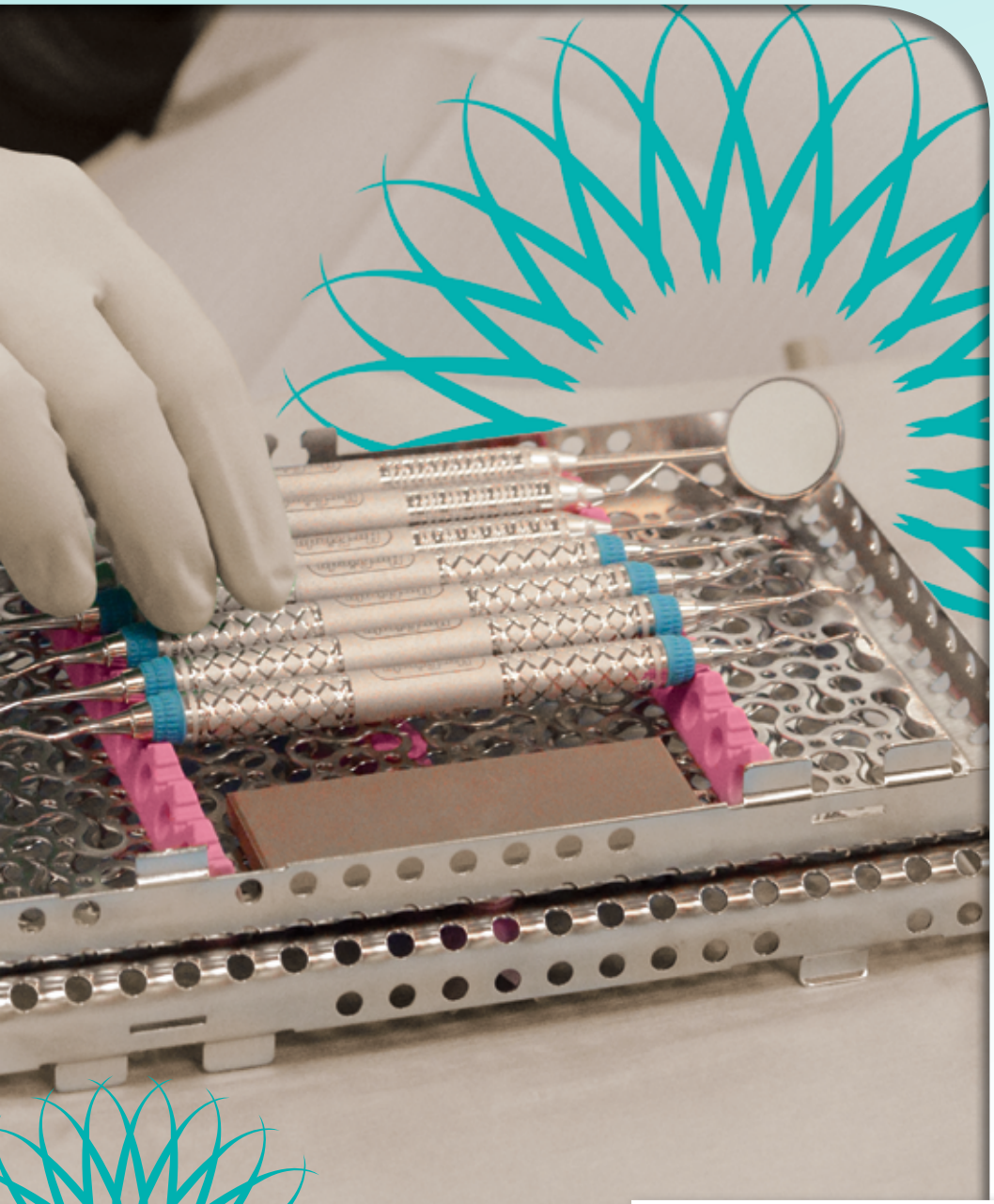
INSTRUMENT MANAGEMENT



Hu-Friedy

INSTRUMENT **MANAGEMENT** & INFECTION **PREVENTION**

PRODUCT CATALOG & REFERENCE GUIDE

How the best perform Hu-Friedy®

TESTIMONIALS



"Using an instrument management system like Hu-Friedy's IMS facilitates processing and can substantially enhance instrument organization. It is essential to keep tasks as organized and safe for clinical personnel. Because direct handling of contaminated instruments is significantly reduced before sterilization, personnel responsible for instrument cleaning sterilization are at much less risk for sharps injuries."

–JOHN MOLINARI, PhD



"IMS Cassettes are, in my opinion, the most important efficiency tool for each dental procedure. Handling one cassette verses all the individual instruments for each procedure saves so much time during set-up, clean-up and reprocessing. If dental practices want to enhance productivity and efficiency, they simply must implement the IMS cassette system."

–MARY GOVONI, CDA, RDA, RDH, MBA



"Hu-Friedy Cassettes keep your set-ups together as a unit, so instead of processing hundreds of single instruments, you process fewer, larger items. The economy of time and effort is undeniable, but wait until you see the increased safety to go along with the efficiency! Sharp instruments are organized for safer, easier use, and contained for safer handling during re-processing. Cassettes with needle cap holders also become an engineered safety device for re-capping."

–NANCY DEWHIRST, RDH, BS



"Orthodontic practices clean and sterilize 600 to 1,000 instruments everyday! Cleaning and sterilizing this many instruments while treating patients can create a lot of stress for busy orthodontic teams. Hu-Friedy cassettes have helped my orthodontic clients improve clinical efficiency in addition to protecting orthodontic pliers during the cleaning and sterilization process. Improved efficiency gives the orthodontic team more time to focus on patient care and stay on schedule! Happy Staff + Happy Patients = Happy Doctor!"

–JACKIE DORST, BS, RDH



"As an orthodontic clinical consultant, I work with offices to increase their efficiency. Implementing IMS into their practice has been a huge benefit to many successful practices across the country. The clinicians love the system and doctors feel the stress level decrease and production increase. The patients' perception of the high quality care they receive is of great internal marketing value as well."

–ANDREA COOK



"I recommend the use of Cassettes to save time, increase efficiency, protect instruments from damage and reduce handling of contaminated instruments by dental personnel. Cassettes create a well organized system for transporting, cleaning, sterilizing and storing instruments."

–LESLIE CANHAM, CDA, RDA



"The IMS cassette system significantly aids efficiency at chairside and during processing – it is also important for the protection of my staff and our delicate instruments. We've found longevity of expensive instruments is increased and handling time is decreased."

– EDWARD PAT ALLEN, DDS, PhD



"Implementing IMS into my office greatly increased efficiency, productivity, and staff morale. In addition, it was so easy, cost effective, and did not require us to knock down walls or stop production like I had assumed. Improving the flow in our sterilization area expanded out to the entire office by letting us provide faster, easier, and better dentistry for our patients. We couldn't be happier!"

– LOUIS MALCMACHER, DDS, MAGD



"When it comes to instrument management – the Hu-Friedy IMS Cassette system is my "go to" resource. If you want to leverage operational efficiency – (from more organized set-up grouping, to superior processing safety, instrument sterilization, storage and transport) – IMS is the one!"

–RISA SIMON, CMC



"Hu-Friedy IMS instrument cassettes have made a major difference in my mobile practice of Dental Hygiene and my infection control practices. As a mobile dental hygiene business owner and infection control specialist, I have invested a lot into my instruments. These simple, durable devices are so easy to use and made a complex job become trouble-free. This product has been one of the greatest investments I have made into my practice. They simplify my life, save time and frustration. Every practice should be using this time and life saving device!"

– NOEL BRANDON KELSCH, RDH



"As a risk manager, one of my primary concerns is safety for patients and clinicians alike. Hu-Friedy IMS addresses my concerns related to instrument processing and more. Standardizing instrument processing greatly reduces opportunities for errors, disease transmission or injury. In the end, utilizing IMS saves valuable time and allows you to focus on what you do best—providing outstanding patient care in a safe environment."

– LINDA HARVEY, RDH, MS, LHRM



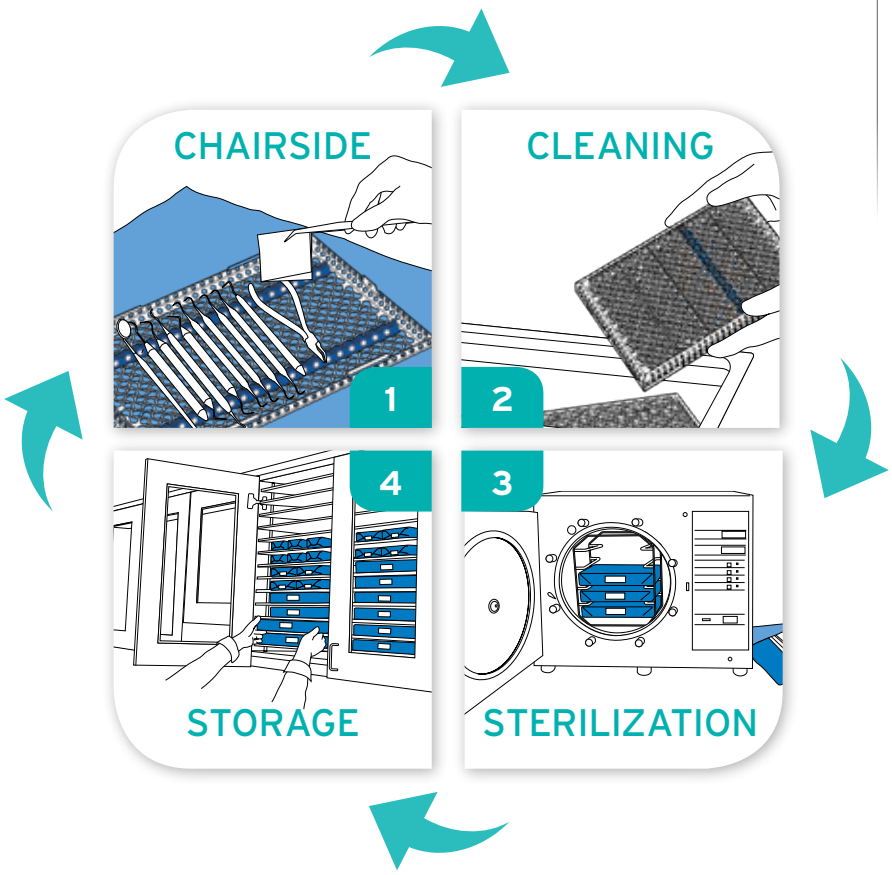
"As the former CEO of T.H.E. Design, I was involved with the design of thousands of elegant offices, but few items enhanced the efficiency of the practice like the IMS cassettes by Hu-Friedy. We could create an extremely efficient sterilization area which was smaller by a third when the practice employed IMS cassettes...as opposed to the practice employing trays with bagged instrumentation. But as we analyzed operational costs, we found the average office labor costs to be approximately 33% of the practice's total operational budget. So, anything we could do to minimize the largest single item of the practice's budget would potentially become profit; by utilizing IMS cassettes and an instrument washer, the average practice was saving two hours of labor every day in sterilization. Two big reasons I strongly recommended, and continue to recommend, the use of IMS cassettes."

– MARK THOLEN, DDS, MBA

THE INSTRUMENT MANAGEMENT SYSTEM CYCLE

Optimal infection prevention is facilitated by the use of tools that allow for improved efficiency and safety. Instrument integrity is further enhanced by the use of Hu-Friedy's Instrument Management System (IMS). IMS allows clinicians to move instruments from cleaning through chairside without touching or damaging the instruments.

1. **Chairside:** Patient Preview & Presentation
   - Systematically organizes instruments according to procedure type, allowing for more focus on patients and less time spent looking for missing instruments
   - Neatly organized instruments offer more professional appearance and can help enhance referrals
2. **Cleaning:** Processed & Prepped
   - Instruments are kept together throughout cleaning, rinsing and drying, reducing the potential for breakage or loss
   - Minimizes handling of instruments, reducing the chance for sharps injuries
3. **Sterilization:** Wrapped & Ready
   - Complete procedures are packaged in IMS Sterilization Wrap and placed in autoclave together to help reduce consumable usage
   - Reduced handling of instruments provides safer protocol and minimizes liability
4. **Storage:** Neat & Complete
   - Ready for use or storage until needed for increased time savings
   - Complete procedural set-ups for easy set-up and teardown



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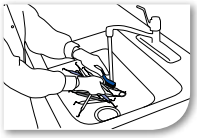
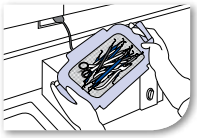
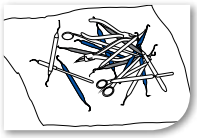
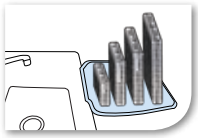
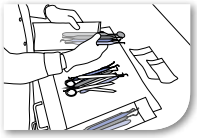
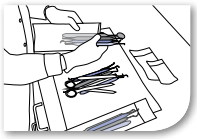
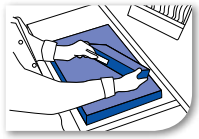
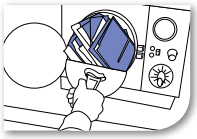
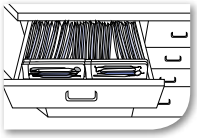
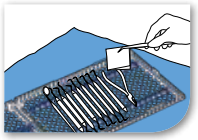
EFFICIENCY = TIME = MONEY

Current IMS offices save 5 to 10 minutes per procedure*

MANUAL		IMS
	Hand Scrub/ Ultrasonic	2 MIN
	Rinse	
	Disinfect Tray	1 MIN
	Dry	
	Sort Instruments	2 MIN
	Pouch/ Wrap	
	Autoclave & Store	
	Prep Tray/Find Instruments	2 MIN
	Chairside	

*Based on market survey results.
Example: 7 minutes saved x 9 procedures = 63 minutes saved

ORGANIZATION

- Organizes instruments, accessories and disposables by procedure
- Color-coded cassettes and instruments for easy identification by procedure
- Quickly locate and identify clearly marked cassettes
- Professional chairside image through presentation of sterile packages
- Less counter space required vs. trays

SAFETY - REDUCE RISK OF INJURY AND EXPOSURE TO BLOODBORNE PATHOGENS BY:

- Minimizing handling of contaminated sharps
- Eliminating hand scrubbing
- Safer transportation of soiled instruments

INSTRUMENT INTEGRITY

- Potential damage (bending, breaking, etc.) is reduced by storing instruments in cassettes
- Reduced potential for lost or misplaced instruments
- Instruments held securely in proper cleaning positions (i.e., hinged instruments in open position) for optimal cleaning

EFFICIENCY

- Enhances chairside efficiency and easy training with standardized procedural set-ups
- Reduces set-up time with organized storage of instruments within procedural labeled cassettes
- Cassettes are placed into automated washer, ultrasonic bath and autoclave for facilitated cleaning and sterilization
- Reduces need for manual sorting of instruments into pouches
- Cleaning time reduced, allowing for a more productive team

WHY IMS?

Use the formula below to calculate how much time and money your office could save with IMS

CALCULATE YOUR TIME SAVED

(based on a conservative estimate of 5 minutes saved per procedure)

1. Number of Procedures Per Day _____
2. Multiply by Time Saved (5 minutes) x 5
3. Total Time (minutes) Saved Per Day = _____

CALCULATE YOUR POTENTIAL REVENUE PER DAY

4. Your Average Billing Hour $ _____
5. Divide #4 by 60 Minutes ÷ 60
6. Revenue Per Minute $ = _____

7. New Revenue Per Day (#6 x #3) $ _____
8. New Revenue Per Year (#7 x Days Worked) $ _____

POTENTIAL ADDED REVENUE PER DAY

	Revenue Per Day				
Procedures Per Day	$1,000	$2,000	$3,000	$4,000	$5,000
10	$104	$208	$313	$417	$521
20	$208	$417	$625	$833	$1,042
30	$313	$625	$938	$1,250	$1,563
40	$417	$833	$1,250	$1,677	$2,083
50	$521	$1,042	$1,563	$2,083	$2,604

Example: A practice billing $2,000 of revenue a day doing 20 procedures would be able to generate an additional $417.00 per day with the time saved using IMS.
$2,000 ÷ 480 minutes (8 hours) = $4.17 revenue/minute.
20 procedures x 5 minutes saved/procedure x $4.17/minute = $417.00.

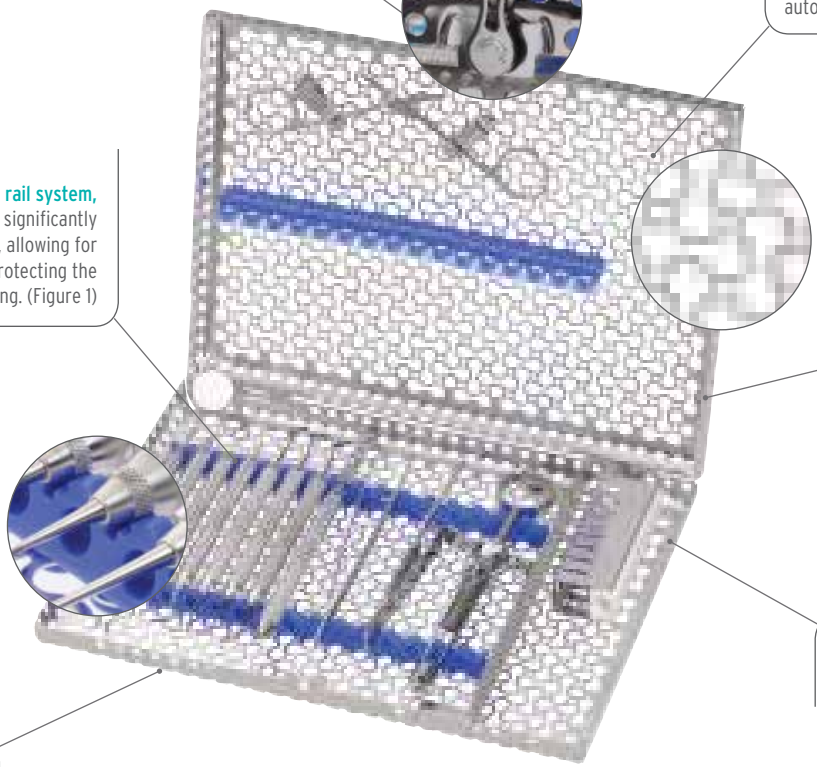
- Time saved does not include improved chairside efficiency.
- Time saved can be used to improve office workflow and patient care, including time to assist, appointment callbacks, four-handed hygiene, etc.

Using IMS cassettes for instrument processing can save your office staff up to 10 minutes per procedure.

Ergonomic latch with positive locking mechanism is safe and easy-to-use, allows one-handed opening and visual confirmation if the cassette is locked / unlocked. (Figure 2)

Revolutionary new hole pattern design creates 30% additional open area for more access during cleaning and sterilization, and is compatible with current cleaning equipment, including automated washers.

Innovative color-coded silicone rail system, available in 11 color options, significantly reduces instrument contact, allowing for more water flow while protecting the instruments during reprocessing. (Figure 1)



High quality, electropolished stainless steel protects against corrosion while providing a professional appearance.

Smooth round corners and slotted edges increase drainage and reduce drying time.

New beveled edge allows for a more ergonomic grasp.



Figure 1

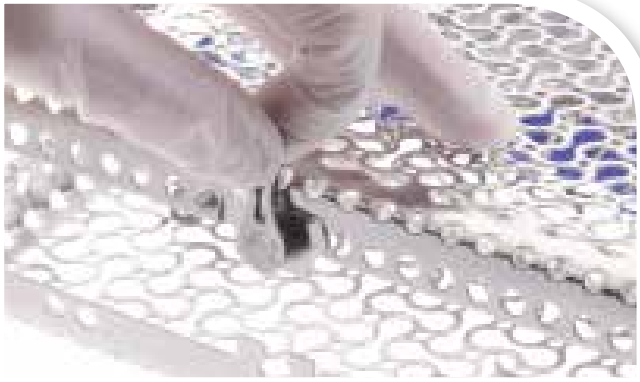


Figure 2

IMS INFINITY SERIES™ CASSETTES

IMS Infinity Series™ Cassettes are made of long-lasting, low-maintenance stainless steel. Soft, colored silicone rails securely hold instruments throughout the processing cycle. Available in over 100 different sizes, configurations and color options, cassettes can be specialized to meet your needs.



Exam Cassette – 5 Instruments

Exterior Dimensions 3" x 8" x 1.25"
(76 mm x 203 mm x 32 mm) Holds 5 instruments.

Red	IMN6050
Gray	IMN6051
White	IMN6052
Orange	IMN6053
Purple	IMN6054
Yellow	IMN6055
Lavender	IMN6056
Black	IMN6057
Blue	IMN6058
Green	IMN6059
Ocean Blue	IMN60511



Small Cassette – 8 Instruments

Exterior Dimensions 5.5" x 8" x 1.25" (140 mm x 203 mm x 32 mm) Holds 8 instruments with an accessory area.

Red	IMN5080
Gray	IMN5081
White	IMN5082
Orange	IMN5083
Purple	IMN5084
Yellow	IMN5085
Lavender	IMN5086
Black	IMN5087
Blue	IMN5088
Green	IMN5089
Ocean Blue	IMN50811



Small Cassette – 10 Instruments

Exterior Dimensions 5.5" x 8" x 1.25"
(140 mm x 203 mm x 32 mm) Holds 10 instruments.

Red	IMN5100
Gray	IMN5101
White	IMN5102
Orange	IMN5103
Purple	IMN5104
Yellow	IMN5105
Lavender	IMN5106
Black	IMN5107
Blue	IMN5108
Green	IMN5109
Ocean Blue	IMN51011



Signa-Stat Cassette – 12 Instruments

Exterior Dimensions 6.5" x 10.5" x 1.25" (165 mm x 267 mm x 32 mm) Holds 12 instruments with an accessory area. Fits in SciCan® STATIM® or the Midmark M3 autoclave.

Red	IMN8120
Gray	IMN8121
White	IMN8122
Orange	IMN8123
Purple	IMN8124
Yellow	IMN8125
Lavender	IMN8126
Black	IMN8127
Blue	IMN8128
Green	IMN8129
Ocean Blue	IMN81211



IMN416x, 16 Instrument Cassette shown left. Also available in 12 instrument cassette with larger accessory area (IMN-412x).

Large Cassette with Accessory Area – 12 or 16 Instruments

Exterior Dimensions 8" x 11" x 1.25" (203 mm x 280 mm x 32 mm) Also available in 8" x 10.5" x 1.25" size (IMN416xQ) to fit unique ultrasonic tanks.

	12 Instrument	16 Instrument
Red	IMN4120	IMN4160
Gray	IMN4121	IMN4161
White	IMN4122	IMN4162
Orange	IMN4123	IMN4163
Purple	IMN4124	IMN4164
Yellow	IMN4125	IMN4165
Lavender	IMN4126	IMN4166
Black	IMN4127	IMN4167
Blue	IMN4128	IMN4168
Green	IMN4129	IMN4169
Ocean Blue	IMN41211	IMN41611



Large Cassette – 20 Instruments

Exterior Dimensions 8" x 11" x 1.25" (203 mm x 280 mm x 32 mm) Holds 20 instruments.

Red	IMN4200
Gray	IMN4201
White	IMN4202
Orange	IMN4203
Purple	IMN4204
Yellow	IMN4205
Lavender	IMN4206
Black	IMN4207
Blue	IMN4208
Green	IMN4209
Ocean Blue	IMN42011

SciCan and STATIM are registered trademarks of SciCan Ltd.



Double-Decker® Cassette – 8 Instruments

Exterior Dimensions 3" x 8" x 1.5" (76 mm x 203 mm x 38 mm) Holds 8 instruments.

Red	| IMN9080
Gray	| IMN9081
White	| IMN9082
Orange	| IMN9083
Purple	| IMN9084
Yellow	| IMN9085
Lavender	| IMN9086
Black	| IMN9087
Blue	| IMN9088
Green	| IMN9089
Ocean Blue	| IMN90811



Double-Decker® Cassette – 14 Instruments

Exterior Dimensions 4.5" x 8" x 1.5" (114 mm x 203 mm x 38 mm) Holds 14 instruments.

Red	| IMN9140
Gray	| IMN9141
White	| IMN9142
Orange	| IMN9143
Purple	| IMN9144
Yellow	| IMN9145
Lavender	| IMN9146
Black	| IMN9147
Blue	| IMN9148
Green	| IMN9149
Ocean Blue	| IMN91411



Double-Decker® Cassette – 20 Instruments

Exterior Dimensions 6" x 9.7" x 1.5" (152 mm x 246 mm x 38 mm) Holds 20 instruments with an accessory area. Has a built-in needle cap holder and slot for a winged syringe.

Red	| IMN9200
Gray	| IMN9201
White	| IMN9202
Orange	| IMN9203
Purple	| IMN9204
Yellow	| IMN9205
Lavender	| IMN9206
Black	| IMN9207
Blue	| IMN9208
Green	| IMN9209
Ocean Blue	| IMN92011



Oral Surgery Cassette

Exterior Dimensions 8" x 14.5" x 1.25" (203 mm x 368 mm x 32 mm) Accommodates 12 instruments, 4 elevators, 3 hinged instruments in the lid and a separate accessory area.

Fits in most 10" chambers or larger sterilizers, most instrument washers and larger ultrasonics.

Red	| IMNOS0
Gray	| IMNOS1
White	| IMNOS2
Orange	| IMNOS3
Purple	| IMNOS4
Yellow	| IMNOS5
Lavender	| IMNOS6
Black	| IMNOS7
Blue	| IMNOS8
Green	| IMNOS9
Ocean Blue	| IMNOS11



Small Ultrasonic Insert/Handpiece Cassette



Large Ultrasonic Insert/Handpiece Cassette

Ultrasonic Insert/Handpiece Cassette

Small: Exterior Dimensions 1.5" x 8" x 1.25" (38 mm x 203 mm x 32 mm)

Large: Exterior Dimensions 3" x 8" x 1.25" (76 mm x 203 mm x 32 mm)

	Small Cassette	Large Cassette
Red	| IMN30HU0	| IMN60H0
Gray	| IMN30HU1	| IMN60H1
White	| IMN30HU2	| IMN60H2
Orange	| IMN30HU3	| IMN60H3
Purple	| IMN30HU4	| IMN60H4
Yellow	| IMN30HU5	| IMN60H5
Lavender	| IMN30HU6	| IMN60H6
Black	| IMN30HU7	| IMN60H7
Blue	| IMN30HU8	| IMN60H8
Green	| IMN30HU9	| IMN60H9
Ocean Blue	| IMN30HU11	| IMN60H11

Small holds 2 Ultrasonic Inserts or 1 handpiece.

Large holds up to 3 high-speed handpieces or 5 ultrasonic inserts.



Radiography Cassette

Exterior Dimensions 5.5" x 8" x 1.25" (140 mm x 203 mm x 32 mm)

Holds heat sterilizable x-ray accessories	| IMN7000

IMS INFINITY SERIES™ CASSETTES



Large Thin Orthodontic Cassette

Exterior Dimensions 8" x 11" x 0.75" (203 mm x 280 mm x 19 mm)
Holds up to 7 pliers and 4 hand instruments

Purple	■	| IMNORTHL4
Blue	■	| IMNORTHL8
Green	■	| IMNORTHL9



Small Thin Orthodontic Cassette

Exterior Dimensions 7" x 8" x 0.75" (178 mm x 203 mm x 19 mm)
Holds up to 4 pliers and 3 hand instruments

Purple	■	| IMNORTHS4
Blue	■	| IMNORTHS8
Green	■	| IMNORTHS9



Double-Decker® Small Orthodontic Cassette

Exterior Dimensions 4.5" x 8" x 1.5" (114 mm x 203 mm x 38 mm)
Holds up to 4 pliers, a Mathieu needle holder and 2 hand instruments

Red	■	| IMN9140-0
Gray	■	| IMN9141-0
White	□	| IMN9142-0
Orange	■	| IMN9143-0
Purple	■	| IMN9144-0
Yellow	■	| IMN9145-0
Lavender	■	| IMN9146-0
Black	■	| IMN9147-0
Blue	■	| IMN9148-0
Green	■	| IMN9149-0
Ocean Blue	■	| IMN91411-0

Using Hu-Friedy cassettes can save you over 31% linear feet in your sterilization area.

IMS PARTS BOX

Designed to keep small items such as rubber dam clamps and matrix band retainers organized during the sterilization process.



IMS Large Parts Box
| IMS-1273
Exterior Dimensions: 3.5" x 1.12" x 1"
(89 mm x 29 mm x 25 mm)

IMS Small Parts Box
| IMS-1271
Exterior Dimensions: 1.56" x 1.25" x 1"
(40 mm x 32 mm x 25 mm)

IMS CASSETTE BARCODE CLIP

Snap-on Barcode for outside of Cassettes
| IMS-CABL
Dimensions: .75" x 2.26"x .067"
(19 mm x 57.4 mm x 1.7 mm)



Contains lasermarked barcode to be used for identification and tracking purposes. Compatible with standard barcode reader. Follows HIBC barcode standards. Lasermark tested to last more than 800 sterilization cycles. (Shown at 50% actual size.)

IMS ENDODONTIC STAND

Hinged, double-lid stand holds endodontic files and reamers. Lid is etched with a ruler to measure stop positions easily from either direction.



IMS Endodontic Stand, Holds 24
| IMS-1275
Exterior Dimensions:
2.6" x 2.25" x 1.2"
(67 mm x 57 mm x 30 mm)

IMS Endodontic Stand, Holds 48
| IMS-1275D
Exterior Dimensions:
2.6" x 2.25" x 1.2"
(67 mm x 57 mm x 30 mm)

IMS-1275

AIR WATER SYRINGE CLIPS - RESIN CASSETTES

Designed to fit large or small Resin Cassettes. Clip holds air/water syringe tip securely in place throughout cleaning and sterilization.



IMS Resin Cassette Clip
| IMS-1278
For large resin cassettes

IMS Resin Cassette Clip
| IMS-1279
For small two-tier resin cassettes

IMS-1278

AIR AND WATER CLIPS

Designed to fit large or small IMS Cassettes. (pictured right) Signature Series IMS clips can be permanently installed in your cassettes



Infinity Series Air/Water Clip **| IM1005N**
Signature Series Air/Water Clip **| IM1005**
Infinity and Signature Series Double-Decker Air/Water Clip **| IM1006**

IMS BUR CUSHIONS

A hollow, rectangular, silicone base with a stainless steel lid that is designed to hold burs securely in place during cleaning and sterilization. Hollow design allows drainage and proper cleaning.





IMS Bur Cushion, Short Lid
| IMS-1372S
Holds 12 burs.
Exterior Dimensions:
3.3" x 1.3" x 0.9"
(84 mm x 33 mm x 22 mm)

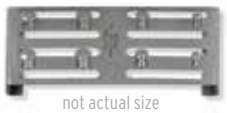
IMS Bur Cushion, Tall Lid
| IMS-1372T
Holds 12 burs.
Exterior Dimensions:
3.3" x 2.44" x 0.9"
(84 mm x 62 mm x 22 mm)

IMS 1/2 Bur Cushion, Short Lid
| IMS-1372SH
Holds 6 burs.
Exterior Dimensions:
1.75" x 1.3" x 0.9"
(44 mm x 33 mm x 22 mm)

IMS 1/2 Bur Cushion, Tall Lid
| IMS-1372TH
Holds 6 burs.
Exterior Dimensions:
1.75" x 2.44" x 0.9"
(44 mm x 62 mm x 22 mm)

IMS RUBBER DAM CLAMP ORGANIZING BOARD

RDC Organizing Board
| RDC0B
Dimensions: 4.6" x 2.4" x .375"
(117 mm x 61 mm x 10 mm)

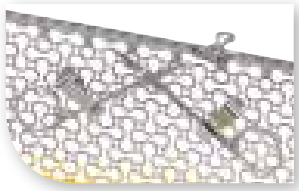


not actual size

Holds up to 8 clamps during sterilization. Fits into cassette accessory area.

HINGED INSTRUMENT CLIPS

Secure scissors, hemostats and air/water syringe tips in lid of cassette.



Hinged Instrument Clips, 2-Pack
| IM1000

Hinged Instrument Clips, 6-Pack
| IM1002

NEEDLE CAP HOLDER

Needle Cap Holders, 2-Pack
| IM1001

Needle Cap Holders, 6 Pack
| IM1003

Combination Pack**
| IM1004

**6 snap-in needle cap holders and 6 snap-in hinged instrument clips. Maintains cap in upright position for one-handed needle recapping.



Complete list of cassette replacement parts can be found on Hu-Friedy.com/IMS-Replacement-Parts

IMS INFINITY SERIES™ COLLECTION

The IMS Infinity Series Collection features a compilation of clinicians' most popular procedural set-ups. Simply order a Collection today and receive high quality Hu-Friedy instruments and IMS cassettes together in procedural set-ups at significantly reduced prices. Create a professional, efficient working environment with the IMS Infinity Series Collection.



Perio

| IMNPERIO

Double-Decker® Infinity Series Cassette

14 Instrument Cassette, Blue	**| IMN9148**
Satin Steel® Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
11/12 Old Dominion University Explorer, Satin Steel Handle	**| EXD11/126**
CP-12 Color-Coded Probe, Satin Steel Handle	**| PCP126**
EverEdge® H6/H7 Hygienist Scaler	**| SH6/79**
EverEdge 204S Sickle Scaler	**| S204S9**
EverEdge 1/2 Gracey Curette	**| SG1/29**
EverEdge 7/8 Gracey Curette	**| SG7/89**
EverEdge 11/12 Gracey Curette	**| SG11/129**
EverEdge 13/14 Gracey Curette	**| SG13/149**
EverEdge 13/14 Columbia University Curette	**| SC13/149**
3C Ceramic Sharpening Stone	**| SS3C**
A/W Syringe Tip Clip	**| IM1006**



Prophy

| IMNPROPHY

Small Infinity Series 10 Instrument Cassette, Lavender	**| IMN5106**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
11/12 Old Dominion University Explorer, Satin Steel Handle	**| EXD11/126**
CP-12 Color-Coded Probe, Satin Steel Handle	**| PCP126**
EverEdge H6/H7 Hygienist Scaler	**| SHG/79**
EverEdge 11/12 Gracey Curette	**| SG11/129**
EverEdge 13/14 Gracey Curette	**| SG13/149**
EverEdge 13/14 Columbia University Curette	**| SC13/149**
3C Ceramic Sharpening Stone	**| SS3C**
A/W Syringe Tip Clip	**| IM1005N**

These collections may be ordered using the collection part code bolded at the top of the list (ex. IMNPERIO).



Exam

| IMNEXAM

Exam Infinity Series 5 Instrument Cassette, Yellow	**| IMN6055**
Satin Steel® Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
5 Explorer, Satin Steel Handle	**| EXD56**
CP-12 Color-Coded Probe, Satin Steel Handle	**| PCP126**
U17 Utility Pick-Up Dressing Pliers	**| DPU17**



Sinus Lift

| IMNSINUS

Large Infinity Series 12 Instrument Cassette, Gray	**| IMN4121**
2-Pack Signature Series Hinged Instrument Clips	**| IM1000**
Buser Periosteal, Satin Steel Handle	**| PPBUSER6**
Palti Bone Graft Scoop	**| IMP6522**
Bone Tamper 7 mm	**| BONT**
Bone Rasp	**| RASP**
Sinus Retractor Misch 10	**| SRM10**
Sinus Curette 1	**| SINC1**
Sinus Curette 2	**| SINC2**
Bone Grafting Syringe, 7 mm	**| SYBG**
#1 Mead Mallet	**| MAL1**
Crile-Wood Perma Sharp Needle Holder, 15 cm (6")	**| NH5038**
#2/4 Molt Curette	**| CM2/4**
#UNC 12 Colorvue Kit	**| PCVNCKIT6**
#23 Seldin Periosteal Retractor	**| P23**
Bone Packer 6 mm/8 mm	**| BPACK**



Suture Removal

| IMNSUTURE

Small Infinity Series 10 Instrument Cassette, Orange	**| IMN5103**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
5 Explorer, Satin Steel Handle	**| EXD56**
EverEdge 13/14 Columbia University Curette	**| SC13/149**
2 College Dressing Pliers	**| DP2**
13 Suture Scissors	**| S13**
A/W Syringe Tip Clip	**| IM1005N**

IMS INFINITY SERIES™ COLLECTION



Total Restorative

| IMNRESTOR

(Composite, Crown & Bridge, Amalgam)

Large Infinity Series 16 Instrument Cassette, Yellow	**| IMN4165**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
23/CP-12 Color-Coded Expro, Satin Steel Handle	**| XP23/126**
18 Excavator, Satin Steel Handle	**| EXC186**
113 Serrated Gingival Cord Packer, Satin Steel Handle	**| GCP1136**
Calcium Hydroxide Placement Instrument, Satin Steel Handle	**| PICH6**
0/1 Marquette Condenser, Satin Steel Handle	**| PLG0/16**
1/2 Blk Condenser, Satin Steel Handle	**| PLG1/26**
Regular/Large CFII Amalgam Carrier	**| AC5202**
3/6 Discoid-Cleoid Carver, Satin Steel Handle	**| CD3/66**
8 Wiland Carver, Satin Steel Handle	**| CVWI86**
1/2-3 Hollenback Carver, Satin Steel Handle	**| CVHL1/26**
IPC Interproximal XTS Carver	**| TNCVIPC**
2 Goldstein Flexi-Thin XTS® Composite Instrument	**| TNCIGFT2**
3 Goldstein Flexi-Thin XTS Composite Instrument	**| TNCIGFT3**
27/29 Burnisher, Satin Steel Handle	**| BB27/296**
24 Spatula, Satin Steel Handle	**| CS246**
2 College Dressing Pliers	**| DP2**
Miller Articulating Paper Forceps	**| APF2**
Curved Iris Scissors	**| S18**
CW Aspirating Anesthetic Syringe	**| SYRCW**
Amalgam Well	**| WA**
Bur Cushion Short Lid, Holds 12	**| IMS-1372S**
Hinged Instrument Clips, 2	**| IM1000**
A/W Syringe Tip Clip	**| IM1005N**



Cement (Crown Seat)

| IMNCEMENT

Large Infinity Series 10 Instrument Cassette, Red	**| IMN5100**
Satin Steel® Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
5 Explorer, Satin Steel Handle	**| EXD56**
8 Wiland Carver, Satin Steel Handle	**| CVWI86**
24 Spatula, Satin Steel Handle	**| CS246**
Miller Articulating Paper Forceps	**| APF2**
CW Aspirating Anesthetic Syringe	**| SYRCW**
2 College Dressing Pliers	**| DP2**
Bur Cusion Short Lid, Holds 6	**| IMS-1372SH**
A/W Syringe Tip Clip	**| IM1005N**



Crown and Bridge

| IMNCROWN

Large Infinity Series 16 Instrument Cassette, Green	**| IMN4169**
Satin Steel® Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
5 Explorer, Satin Steel Handle	**| EXD56**
CP-12 Color-Coded Probe, Satin Steel Handle	**| PCP126**
8 Wiland Carver, Satin Steel Handle	**| CVWI86**
18 Excavator, Satin Steel Handle	**| EXC186**
113 Serrated Gingival Cord Packer, Satin Steel Handle	**| GCP1136**
2 Goldstein Flexi-Thin XTS® Composite Instrument	**| TNCIGFT2**
24 Spatula, Satin Steel Handle	**| CS246**
2 College Dressing Pliers	**| DP2**
Miller Articulating Paper Forceps	**| APF2**
CW Aspirating Anesthetic Syringe	**| SYRCW**
18 Curved Iris Scissors	**| S18**
Bur Cusion Short Lid, Holds 12	**| IMS-1372S**
Hinge Instrument Clips, 2	**| IM1000**
A/W Syringe Tip Clip	**| IM1005N**



Amalgam

| IMNAMALGAM

Large Infinity Series 16 Instrument Cassette, White	**| IMN4162**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
5 Explorer, Satin Steel Handle	**| EXD56**
18 Excavator, Satin Steel Handle	**| EXC186**
Calcium Hydroxide Placement Instrument, Satin Steel Handle	**| PICH6**
Regular/Large CFII Amalgam Carrier	**| AC5202**
0/1 Marquette Condenser, Satin Steel Handle	**| PLG0/16**
1/2 Black Condenser, Satin Steel Handle	**| PLG1/26**
3/6 Discoid-Cleoid Carver, Satin Steel Handle	**| CD3/66**
89/92 Discoid-Cleoid Carver, Satin Steel Handle	**| CD89/926**
1/2-3 Hollenback Carver, Satin Steel Handle	**| CVHL1/26**
21B Burnisher, Satin Steel Handle	**| BB21B6**
27/29 Burnisher, Satin Steel Handle	**| BB27/296**
2 College Dressing Pliers	**| DP2**
Miller Articulating Paper Forceps	**| APF2**
CW Aspirating Anesthetic Syringe	**| SYRCW**
Amalgam Well	**| WA**
Bur Cushion Short Lid, holds 12	**| IMS-1372S**
A/W Syringe Tip Clip	**| IM1005N**

IMS INFINITY SERIES™ COLLECTION



Composite/Crown Prep

| IMNCMPOSIT

Large Infinity Series 16 Instrument Cassette, Blue	**| IMN4168**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
5 Explorer, Satin Steel Handle	**| EXD56**
18 Excavator, Satin Steel Handle	**| EXC186**
113 Serrated Gingival Cord Packer, Satin Steel Handle	**| GCP1136**
IPC Interproximal XTS® Carver	**| TNCVIPC**
2 Goldstein Flexi-Thin XTS Composite Instrument	**| TNCIGFT2**
3 Goldstein Flexi-Thin XTS Composite Instrument	**| TNCIGFT3**
24 Spatula, Satin Steel Handle	**| CS246**
2 College Dressing Pliers	**| DP2**
Miller Articulating Paper Forceps	**| APF2**
CW Aspirating Anesthetic Syringe	**| SYRCW**
18 Curved Iris Scissors	**| S18**
Bur Cushion Short Lid, holds 12	**| IMS-1372S**
Hinge Instrument Clips, 2	**| IM1000**
A/W Syringe Tip Clip	**| IM1005N**



Endo

| IMNENDO

Large Infinity Series 12 Instrument Cassette, Gray	**| IMN4121**
Satin Steel Mirror Handle	**| MH6**
4 Front Surface Mouth Mirror, 3 pack	**| MIR4/3**
DG16 Endo Explorer, Satin Steel Handle	**| EXDG166**
1 Locking Endo Pliers	**| EPL1**
1 Locking Endo Pliers	**| EPL1**
31L Excavator, Satin Steel Handle	**| EXC31L6**
D11 Nickel Titanium Endo Spreader	**| RCSD11NT**
1/3 Endo Plugger	**| RCP1/3**
5/7 Endo Plugger	**| RCP5/7**
9/11 Endo Plugger	**| RCP9/11**
1 Glick Blade/Endo Plugger	**| RCPGL1**
Miller Articulating Paper Forceps	**| APF2**
CW Aspirating Anesthetic Syringe	**| SYRCW**
Rubber Dam Forceps	**| RDF**
1 Satin Steel Rubber Dam Clamp	**| RDCM1**
2 Satin Steel Rubber Dam Clamp	**| RDCM2**
9 Satin Steel Rubber Dam Clamp	**| RDCM9**
26N Satin Steel Rubber Dam Clamp	**| RDCM26N**
Endo Stand, Holds 24 Files and Reamers	**| IMS-1275**
Bur Cushion Short Lid, Holds 12	**| IMS-1372S**
IMS Small Parts Box	**| IMS-1271**



Ortho Banding/Bonding

| IMORTHOBB

Double-Decker 20 Instrument Orthodontic Cassette, Orange	**| IM5203-OR**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
LD1/BPS2 Ligature Band Pusher	**| 678-912**
1/2-3 Hollenback Carver, Satin Steel Handle	**| CVHL1/26**
#18 Dressing Pliers	**| DP18**
Universal Cut and Hold Distal End Cutter	**| 678-101L**
Micro-Mini Pin and Ligature Cutter	**| 678-107**
Weingart Pliers	**| 678-201L**
Direct Bond and Bracket Holder	**| 678-212**
Mathieu Pliers	**| 678-330**

Available in Signature Series only



Ortho Archwire Adjustment

| IMORTHOAA

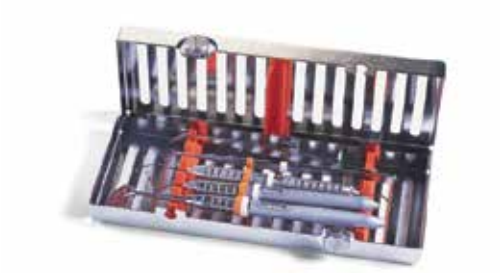
Double Decker 20 Instrument Orthodontic Cassette, Green	**| IM5209-OR**
Satin Steel Mirror Handle	**| MH6**
5 Front Surface Mouth Mirror, 3 pack	**| MIR5/3**
Ligature Director/Scaler	**| 678-905**
Universal Cut and Hold Distal End Cutter	**| 678-101L**
15º Hard Wire Cutter	**| 678-103**
Micro-Mini Pin and Ligature Cutter	**| 678-107**
Weingart Pliers	**| 678-201L**
Direct Bond and Bracket Holder	**| 678-212**
Light Wire Bird Beak Pliers	**| 678-304**
Three Jaw Pliers	**| 678-302**
Mathieu Pliers	**| 678-330**

Available in Signature Series only

Additional IMS Signature Series® Collection cassettes are available, contact 1-800-Hu-Friedy for more information

IMS is a great tool to reduce the potential for sharps injuries during processing.

IMS SIGNATURE SERIES® CASSETTES



Exam Cassette – 5 Instruments

Exterior Dimensions 3" x 8" x 1.25"
(76 mm x 203 mm x 32 mm) Holds 5 instruments.

Red	IM6050
Gray	IM6051
White	IM6052
Orange	IM6053
Yellow	IM6055
Lavender	IM6056
Blue	IM6058
Green	IM6059



8 instrument cassette shown above. Also available in 10 instrument cassette.

Small Cassette – 8 and 10 Instruments

Exterior Dimensions 5.5" x 8" x 1.25" (140 mm x 203 mm x 32 mm) Holds 8 instruments with an accessory area.

	8 Instrument	10 Instrument
Red	IM5080	IM5100
Gray	IM5081	IM5101
White	IM5082	IM5102
Orange	IM5083	IM5103
Yellow	IM5085	IM5105
Lavender	IM5086	IM5106
Blue	IM5088	IM5108
Green	IM5089	IM5109



Signa-Stat Cassette – 12 Instruments

Exterior Dimensions 6.5" x 10.5" x 1.25" (165 mm x 267 mm x 32 mm) Holds 12 instruments with an accessory area. Fits in SciCan® STATIM® or the Midmark M3 autoclave.

Red	IM8120
Gray	IM8121
White	IM8122
Orange	IM8123
Yellow	IM8125
Lavender	IM8126
Blue	IM8128
Green	IM8129

SciCan and STATIM are registered trademarks of SciCan Ltd.

Hu-Friedy cassettes can be modified to fit the unique needs of your practice. Call Hu-Friedy for more information.



Large Cassette–12, 16 and 20 Instruments

Exterior Dimensions 8" x 11" x 1.25" (203 mm x 280 mm x 32 mm)
Holds 16 instruments with an accessory area.

Also available in 8" x 10.5" x 1.25" size (IM416xQ) to fit unique ultrasonic tanks.

	12 Instrument	16 Instrument	20 Instrument
Red	| IM4120	| IM4160	| IM4200
Gray	| IM4121	| IM4161	| IM4201
White	| IM4122	| IM4162	| IM4202
Orange	| IM4123	| IM4163	| IM4203
Yellow	| IM4125	| IM4165	| IM4205
Lavender	| IM4126	| IM4166	| IM4206
Blue	| IM4128	| IM4168	| IM4208
Green	| IM4129	| IM4169	| IM4209



Small Ultrasonic Insert/Handpiece Cassette



Large Ultrasonic Insert/Handpiece Cassette

Ultrasonic Insert/Handpiece Cassette

Small: Exterior Dimensions 1.5" x 8" x 1.25"
(38 mm x 203 mm x 32 mm)

Large: Exterior Dimensions 3" x 8" x 1.25"
(76 mm x 203 mm x 32 mm)

	Small Cassette	Large Cassette
Red	| IM30HU0	| IM60H0
Gray	| IM30HU1	| IM60H1
White	| IM30HU2	| IM60H2
Orange	| IM30HU3	| IM60H3
Yellow	| IM30HU5	| IM60H5
Lavender	| IM30HU6	| IM60H6
Blue	| IM30HU8	| IM60H8
Green	| IM30HU9	| IM60H9

Small holds 2 Ultrasonic Inserts or 1 handpiece.
Large holds up to 3 high-speed handpieces or 5 ultrasonic inserts.



Double Symmetry IQ® Handpiece Cassette

Symmetry IQ® Handpiece Cassette

Small: Exterior Dimensions 1.5" x 8" x 1.25"
(38 mm x 203 mm x 32 mm)

Large: Exterior Dimensions 3" x 8" x 1.25"
(76 mm x 203 mm x 32 mm)

Single	| IM30IQ8
Double *(pictured)*	| IM60IQ8



Symmetry IQ Wrench Cassette

Exterior Dimensions 5.63" x 1.95" x 1.77"
(143 mm x 50 mm x 45 mm)

Blue	| IMIQ38

Wrench not included.

IMS SIGNATURE SERIES® CASSETTES



Oral Surgery Cassette

Exterior Dimensions 8" x 14.5" x 1.25" (203 mm x 368 mm x 32 mm) Accommodates 12 instruments, 4 elevators, 3 hinged instruments in the lid and a separate accessory area. Has a built-in needle cap holder and slot for a winged syringe.

Fits in most 10" chambers or larger sterilizers, most instrument washers and larger ultrasonics.

Red	| IMOS0
Gray	| IMOS1
White	| IMOS2
Orange	| IMOS3
Yellow	| IMOS5
Lavender	| IMOS6
Blue	| IMOS8
Green	| IMOS9



Double-Decker® Cassette – 8 Instruments

Exterior Dimensions 3" x 8" x 1.5" (76 mm x 203 mm x 38 mm) Holds 8 instruments.

Red	| IM9080
Gray	| IM9081
White	| IM9082
Orange	| IM9083
Yellow	| IM9085
Lavender	| IM9086
Blue	| IM9088
Green	| IM9089



Double-Decker® Cassette – 14 Instruments

Exterior Dimensions 4.5" x 8" x 1.5" (114 mm x 203 mm x 38 mm) Holds 14 instruments.

	14 Instrument	Small Ortho Cassette
Red	| IM9140	| IM9140-OR
Gray	| IM9141	| IM9141-OR
White	| IM9142	| IM9142-OR
Orange	| IM9143	| IM9143-OR
Yellow	| IM9145	| IM9145-OR
Lavender	| IM9146	| IM9146-OR
Blue	| IM9148	| IM9148-OR
Green	| IM9149	| IM9149-OR



Double-Decker® Cassette – 20 Instruments

Exterior Dimensions 6" x 9.7" x 1.5" (152 mm x 246 mm x 38 mm) Holds 20 instruments with an accessory area. Has a built-in needle cap holder and slot for a winged syringe.

Red	| IM9200
Gray	| IM9201
White	| IM9202
Orange	| IM9203
Yellow	| IM9205
Lavender	| IM9206
Blue	| IM9208
Green	| IM9209

IMS RESIN CASSETTES

Hu-Friedy Resin Cassettes are constructed of high-grade medical resin. Soft silicone instrument rails gently hold instruments in place. Cools down quickly after sterilization and are lightweight.







Small Cassettes

Exterior Dimensions 4.5" x 8" x 1.5" (114 mm x 203 mm x 38 mm)

Small Resin 7 Instruments **| IMS-3107**

Holds up to 7 instruments. The cassette is perfect for exam and prophylactic procedures.

Small Resin 12 Instruments **| IMS-3112**

Holds up to 12 instruments

Small Resin 16 Instruments **| IMS-3116**

Holds up to 16 instruments in a compact space (pictured)

Large Cassettes – No Accessary Area

Exterior Dimensions 8" x 11" x 1.5" (203 mm x 279 mm x 38 mm)

Large Resin 18 Instruments **| IMS-1118**

Holds up to 18 instruments (pictured)

Large Resin 24 Instruments **| IMS-1124**

Holds up to 24 instruments

Large Cassettes – with Accessary Area

Exterior Dimensions 8" x 11" x 1.5" (203 mm x 279 mm x 38 mm)

Large Resin 12 Instruments **| IMS-1112**

Holds up to 12 instruments (pictured)

Large Resin 16 Instruments **| IMS-1116**

Holds up to 16 instruments

BLEACH CLEANING RECOMMENDATIONS FOR RESIN CASSETTES

The resin cassettes should be bleach cleaned on a six month basis. They may be submerged in a solution of two cups bleach to one gallon of water (0.5 liters bleach to 4 liters of water) for 5 to 30 minutes. If staining has occurred, use less water and more bleach. If bleach does not break through the stain, wipe cassettes with isopropyl alcohol prior to bleaching. Be sure to remove instruments before placing cassettes in bleach solution as bleach is destructive to metal. This cleaning procedure is only recommended with resin cassettes. If staining does occur on stainless steel cassettes, wipe clean with soap and water. DO NOT use bleach process described for resin cassettes on stainless steel cassettes.

SIGNATURE SERIES™ TUBS

Together, procedure tubs and cassettes create the most efficient and organized system for managing instruments and consumable products. The time savings achieved by using IMS (Instrument Management System) cassettes and procedure tubs will allow the staff to spend time on more value added activities in the dental office.

Signature Series Tubs are designed to match IMS cassette rail colors and feature antimicrobial product protection.*



Signature Series™ Complete Tub

12-3/4" x 11-3/16" x 4"

Includes:

- Signature Series Tub
- Tub Liner†
- Tub Divider (package of 8)
- Single Tub Cup w/Cover†
- Double Tub Cup w/Cover†
- Divided Slide Tray†
- Locking Tub Cover†

Red	| IMS-1400
Gray	| IMS-1401
White	| IMS-1402
Orange	| IMS-1403
Purple	| IMS-1404
Yellow	| IMS-1405
Lavender	| IMS-1406
Black	| IMS-1407
Blue	| IMS-1408
Green	| IMS-1409
Ocean Blue	| IMS-14011





Signature Series Tub

12-1/4" x 10-7/8" x 2-3/4"

Red	| IMS-1410
Gray	| IMS-1411
White	| IMS-1412
Orange	| IMS-1413
Purple	| IMS-1414
Yellow	| IMS-1415
Lavender	| IMS-1416
Black	| IMS-1417
Blue	| IMS-1418
Green	| IMS-1419
Ocean Blue	| IMS-14111



Divided Slide Tray†

9-3/4" x 5-3/8" x 1 1/16"

Can be used to store cotton rolls, cotton squares, clamps,

\| IMS-1421



Locking Tub Cover†

12-3/4" x 11-3/16" x 2-3/4"

Protects items from airborne materials during transportation and storage

\| IMS-1420



Flat Slide Tray†

9-3/4" x 5-3/16" x 1- 3/8"

Can be used to store discs, strips, toffelmeil, articulating paper, etc.

\| IMS-1422



Tub Insert

9-3/4" x 10-3/4" x 1 1/32"

The insert features 10 compartments for easy organization of tub materials

Sits on rim of tub allowing for storage underneath

\| IMS-1423



Dividers

12-3/4" x 11-3/16" x 1-3/8"

\| IMS-1427

Includes 8 dividers

Tub Liner†

9-5/8" x 8-7/8" x 1/8"

\| IMS-1428

Non-slip liner prevents small items from slipping under divider sections

†Clear components and tub liner do not contain antimicrobial product projection

SIGNATURE SERIES TUB CUPS & COVERS

Signature Series Tub cups and covers can be used to store brushes, clamps, cotton pellets, syringe tips, prophy paste, prophy angle tips, pumice, implant tools, etc.



Single Tub Cup with Cover†

2-1/4" x 1-5/8" x 1-1/8" | **IMS-1424**

Double Tub Cup with Cover†

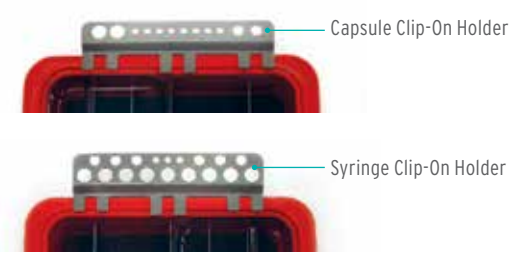
3-3/8" x 2-1/4" x 1-1/8" | **IMS-1425**

Long Tub Cup with Cover†

8-1/3" x 2-1/4" x 1-1/8" | **IMS-1426**

- Provides 5 storage compartments
- Dividers are removable for customization
- Perfect for storing capsules, discs, abrasive strips, wedges, matrix bands, etc.

SIGNATURE SERIES CLIP-ON HOLDERS



Capsule Clip-on Holder

8" x 2-1/2" x 3/4" | **IMS-1429**

- Allows quick access to composite material during procedure
- Conveniently clips on any side of tub
- Holds up to 8 capsules, 4 syringe tubes and capsule/gun dispenser

Syringe Clip-on Holder

8" x 2-5/8" x 3/4" | **IMS-1430**

- Allows quick access to composite material during procedure
- Conveniently clips on any side of tub
- Holds up to 15 syringe tubes and 3 applicator tips

SIGNATURE SERIES RACKS



Adjustable 3 Tub Rack



Adjustable 4 Tub Rack

Adjustable 3 Tub Rack

MIN 7-1/2" - MAX 15-1/2" x 10-1/2" x 13" | **IMS-1433**

- Fits most standard storage cabinets
- Holds a maximum of 3 tubs with lids or 6 cassettes
- Non-slip feet
- Sturdy metal construction
- No screws, tools, nuts or bolts needed

Adjustable 4 Tub Rack

MIN 7-1/2" - MAX 15-1/2" x 10-1/2" x 18-3/4" | **IMS-1434**

- Holds a maximum of 4 tubs with lids or 8 cassettes
- Sturdy metal construction
- Non-slip feet

SIGNATURE SERIES SYRINGE STANDS



20-Unit Syringe Stand

9" x 4-3/4" x 2 1/2" | **IMS-1431**

- Stands up for easy access to syringes
- Lays flat to fit inside a tub or drawer
- Holds up to 20 syringe tubes

10-Unit Syringe Add On

8-1/2" x 2-3/8" x 3/4" | **IMS-1432**

- An add-on for the Syringe 20 Unit Stand
- Provides additional space for syringe storage
- Holds up to 10 syringe tubes

ANTIMICROBIAL PROTECTION

*Antimicrobial protection is integrated into the tub and tub components during the manufacturing process. This technology works by interrupting key cell functions that allow the microorganisms to function, grow and reproduce. Antimicrobial protection begins to work as soon as the microorganism comes into contact with the product surface and works continuously to inhibit the growth of microbes that can cause stain, odors and product degradation – for the lifetime of the product.

ORGANIZATION PRODUCTS

IMS COLOR CODE INSTRUMENT RINGS

IMS Color Code Instrument Rings are silicone rubber rings used for identifying and organizing instruments. Useful for maintaining proper instrument order in cassettes and identifying instruments by procedure; can withstand all heat sterilization methods.



	Reglar Use on #2 and 4 Handles	Large Use on #6, 7, 8 and 9 Handles
Assorted Colors	| IMS-1280	| IMS-1280L
Gray	| IMS-1281	| IMS-1281L
White	| IMS-1282	| IMS-1282L
Orange	| IMS-1283	| IMS-1283L
Brown	| IMS-1284	| IMS-1284L
Yellow	| IMS-1285	| IMS-1285L
Red	| IMS-1286	| IMS-1286L
Green	| IMS-1287	| IMS-1287L
Blue	| IMS-1288	| IMS-1288L
Black	| IMS-1289	| IMS-1289L
Pink	| IMS-12810	| IMS-12810L
Lavender	| IMS-12811	| IMS-12811L

All single color packages contain 50 pieces. The assorted color package contains 90 pieces.

SIGNATURE SERIES™ GRIPS

Signature Series grips can only be used with Satin Steel Colours®, EverEdge® technology and ResinEight® instruments, and are used for identifying and organizing instruments. They're useful for maintaining proper instrument order in cassettes and identifying instruments by procedure. Grips will withstand all approved heat sterilization methods



Gray	| SSG1	Blue	| SSG8
White	| SSG2	Black	| SSG9
Orange	| SSG3	Pink	| SSG10
Brown	| SSG4	Lavender	| SSG11
Yellow	| SSG5	Ocean Blue	| SSG12
Red	| SSG6	16 Assorted	| SSGO
Green	| SSG7	80 Assorted	| SSGMULTI

All single color packages contain 16 pieces. The assorted color packages contain your choice of either 16 or 80 pieces.

RESIN 8 COLORS GRIPS

Red	| SSGRED8
Orange	| SSGORANGE8
Yellow	| SSGYELLOW8
Purple	| SSGPURPLE8
Lavender	| SSGLAVNDR8
Green	| SSGGREEN8
Blue	| SSGBLUE8
Gray	| SSGGRAY8

All single color packages contain 16 pieces.

IMS COLOR TABS

Silicone tabs that fit on cassette lid for identifying cassette procedure by color.



All single color packages contain 5 pieces. The assorted color package contains 9 pieces.

Red	| IMS-1290N
Gray	| IMS-1291N
White	| IMS-1292N
Orange	| IMS-1293N
Purple	| IMS-1294N
Yellow	| IMS-1295N
Lavender	| IMS-1296N
Black	| IMS-1297N
Blue	| IMS-1298N
Green	| IMS-1299N
Pink	| IMS-12910N
Ocean Blue	| IMS-12911N
Assorted	| IMS-12912N

IMS CASSETTE I.D. LABELS AND I.D. MARKER

Specially designed polyester pressure-sensitive labels for cassette identification.

IMS Cassette I.D. Labels	| IMS-1234

50 per package



IMS I.D. Marker	| IMS-1235

Permanent indelible ink marker is ideal for identifying procedural set-ups. For use on I.D. Labels or Monitor Tape.

CLEANING AND CARE PRODUCTS

SHINE RENEW PRODUCTS



Shine reNEW™ Products

Effectively remove stain and rust, restoring the luster to stainless steel and tungsten carbide instruments.

Liquid, 1 Gallon (3.8 liters)	**IMS-1453**
Instrument Wipes (20 wipe canister)	**IMS-1455**

- Keeps hinged instruments moving freely by dissolving built-up residue
- Eliminates the need for abrasive scrubs
- Quick and simple to use
- Shine reNEW Instrument Wipes can also be used on copper, brass and anodized aluminum

IMS® DAILY CLEAN GENERAL PURPOSE DETERGENT



IMS® Daily Clean General Purpose Detergent

Concentrated powder detergent specifically formulated for efficient ultrasonic cleaning or presoaking of cassettes and instruments.

1.1 lb (500 g) Makes 35 Gallons (132 liters)	**IMS-1220**
5 lb (2.27 kg) Makes 160 Gallons (606 liters)	**IMS-1218**

INSTRUMENT LUBRICANTS



Instrument Lubricants

The instrument lubricants come in a convenient non-aerosol pump bottle.

Penetrating Oil 8 oz (236 ml) Removes light rust and corrosion to loosen problem joints	**IPS**
Instrument Lubricant Spray 8 oz (236 ml) Keeps hinged instruments moving freely	**ILS**

Instrument Lubricant Spray (ILS) and Penetrating Oil (IPS) do not contain silicone.

Enzymax® Dual Enzyme Ultrasonic Detergent is specifically formulated for efficient ultrasonic cleaning or pre-soaking of cassettes and instruments. Contains Steelgard™ agents to protect instruments from harmful minerals naturally found in water that contribute to buildup, spotting and corrosion. Multi-purpose applications including ultrasonic detergent, presoak, linen presoak, and evacuation cleaner.

ENZYMAX



Enzymax Liquid

Box of 40 Liquid Packets Makes 40 Gallons (151 liters)	| IMS-1222
10 boxes of 40 Liquid Packets Makes 400 Gallons (1,510 liters)	| IMS-1222C
Quart Bottle Makes 32 Gallons (121 liters)	| IMS-1224
Case of 12 Quart bottles Makes 384 Gallons (1,452 liters)	| IMS-1224C
Quart Pump	| IMS-1224P
Gallon Bottle Makes 128 Gallons (485 liters)	| IMS-1226
Gallon Pump	| IMS-1226P



Enzymax Spray Gel

Dual enzyme gel with corrosion inhibitor acts as a ready-to-use instrument pre-cleaner. Maintains moisture to help prevent debris from drying on instruments before cleaning and helps dissolve blood, tissue, and other debris. Can also be used as a linen spot remover.

24 Fl oz (709 ml) 450 Sprays	| IMS-1229



Enzymax Powder

1.76 lb (800 g) Powder Makes 50 Gallons (189 liters)	| IMS-1230
6 containers of 1.76 lb (800 g) Powder Makes 300 Gallons (1,134 liters)	| IMS-1230C



Enzymax Pax® Single Use Packets

32 Dissolvable Single-Use Powder Packets Makes 32 Gallons (121 liters)	| IMS-1232
96 Dissolvable Single-Use Powder Packets Makes 96 Gallons (363 liters)	| IMS-1233

Enzymax Earth™ Dual Enzyme Ultrasonic Detergent offers the same superior cleaning attributes as Enzymax with an increased awareness of our environment. All Enzymax Earth products are biodegradable* and phosphate free.

ENZYMAX EARTH



Enzymax Earth Liquid

Gallon Bottle Makes 128 Gallons (485 liters)	| IMS-1336

Enzymax Earth Pax Single Use Packets

32 Dissolvable Single-Use Powder Packets Makes 32 Gallons (121 liters)	| IMS-1332
96 Dissolvable Single-Use Powder Packets Makes 96 Gallons (363 liters)	| IMS-1333

LILAC UTILITY GLOVES



Lilac Utility Gloves

Three pack of flocklined nitrile utility gloves for use when cleaning and processing instruments. Puncture and chemical resistant with a non-slip grip. Steam autoclavable to 250°F (121°C) up to five times.

Small (Size 7)	| 40-060
Medium (Size 8)	| 40-062
Large (Size 9)	| 40-064
Extra Large (Size 10)	| 40-066

*Biodegradable formula according to the Organization for Economic Cooperation and Development (OECD) testing.

USE THIS CHART TO DETERMINE YOUR APPROPRIATE GLOVE SIZE

Place hand as indicated to select correct size in order to avoid hand fatigue.

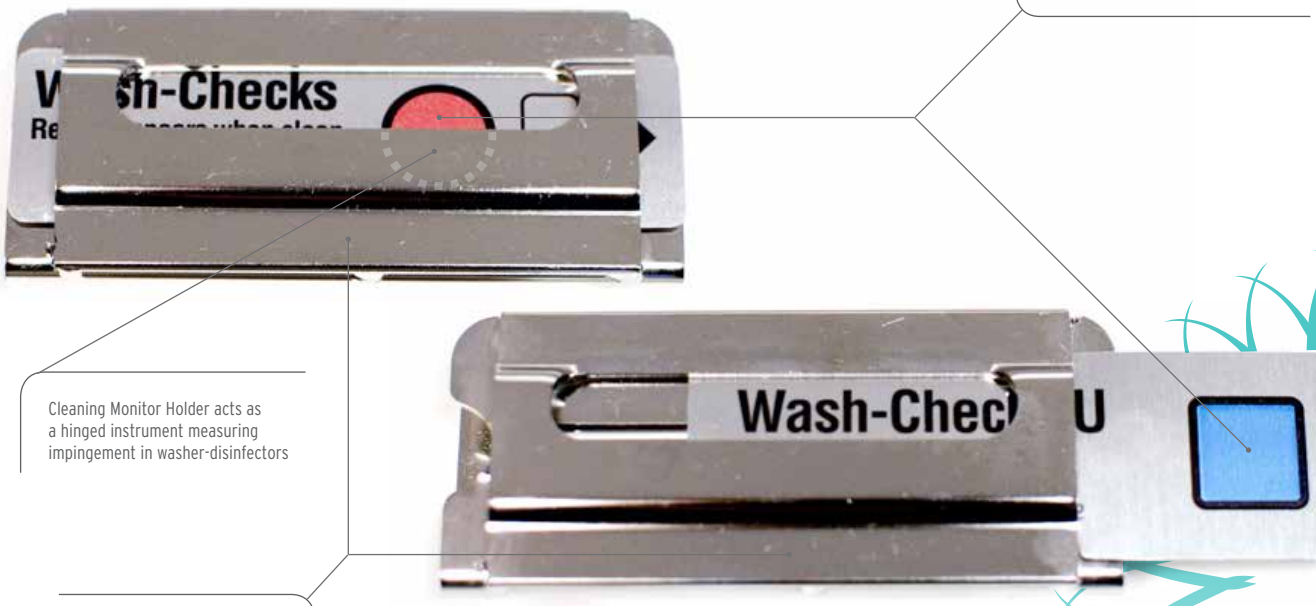


CLEANING & CARE PRODUCTS

CLEANING MONITORS

Proper instrument cleaning is the most important step to instrument reprocessing. If an instrument is not properly cleaned, it cannot be effectively sterilized. Take the steps to assure that your cleaning process achieves the highest quality results by incorporating Hu-Friedy Cleaning Monitors into your instrument reprocessing protocols. Using multi-parameter testing, Hu-Friedy Cleaning Monitors are designed to give you a clear interpretation of your cleaning process.





Colored test soil on strip is designed to parallel the removal of blood and bioburden from an instrument surface

Cleaning Monitor Holder acts as a hinged instrument measuring impingement in washer-disinfectors

Reusable stainless steel holder secures monitor in place in order to provide accurate result

Ideal Cleaning Monitor Usage

WASHER-DISINFECTOR

Run a monitor test in the morning to release the equipment for use and minimum of one monitor per load for load release.

ULTRASONIC CLEANING

Monitor once daily with an empty load for a machine release and periodically throughout the day with instruments for a load release, if needed.

Clear & Simple Results Interpretation

Removal of all test soil indicates effective cleaning

	Washer-Disinfector	Ultrasonic
Fail (Unexposed)		
Fail		
Pass		

See Trouble Shooting Charts (N1736 and N1692) for possible reasons for results and corrective actions.



Washer-Disinfector Cleaning Monitor, 50 PCS

| IMS-1200W



Ultrasonic Cleaning Monitor, 50 PCS

| IMS-1200U



Cleaning Monitor Holder, 1 EA

| IMS-1200H

Parameters tested & Common failures

	Washer-Disinfector	Ultrasonic
Parameters tested by the cleaning monitors	• Time • Temperature • Detergent concentration • Spray arm function • Enzyme soak	• Cavitation • Time • Temperature • Detergent
Common Cleaning Process Failures	• Inadequate water spray/impingement • Clogged spray arms • Overloading • Instrument shadowing • Inadequate detergent dosing • Improper detergent dosing • Poor water quality	• Ineffective cavitation • Overloading • Insufficient time, temperature and/or detergent

DENTAL UNIT WATERLINE PRODUCTS

Team Vista™ Dental Unit Waterline Cleaner provides a more effective and economical way to keep waterlines safer and cleaner. This easy-to-use system provides both an organic irrigant and registered antimicrobial cleaner for enhanced patient care and equipment protection.

TEAM VISTA DENTAL UNIT WATERLINE CLEANER



Team Vista™ Dental Unit Waterline Cleaner

	U.S.	Canada
CONTAINS: 1 - One Fl oz bottle of VistaClean Irrigant Solution 15 - VistaTab Cleaner Tablets	| IMS-1450	| IMS-1450CA

- For use in independent water bottle systems
- Provides continuous cleaning of waterlines for up to one week
- Non-corrosive - gentle and safe on equipment
- One year supply per operatory



VistaTab™ Dental Waterline Cleaner Tablet

	U.S.	Canada
CONTAINS: 15 – VistaTab Cleaner Tablets	| IMS-1451	| IMS-1451CA

- Antimicrobial tablet used periodically for the cleaning and control of microbial contaminants
- Quickly dissolves to create a non-corrosive solution seven times more effective than bleach
- EPA registered antimicrobial in all 50 states



VistaClean™ Irrigant Solution Concentrate

	U.S.	Canada
CONTAINS: 1 – One Fl oz bottle of VistaClean Irrigant Solution	| IMS-1452	| IMS-1452

- Derived from organic citrus botanicals
- Listed with the FDA as a Class I Medical Device
- Helps protect waterlines and equipment from deposits and scale
- Works to emulsify organic and inorganic contaminants that build up in waterlines
- Safe for use with patients
- No odor or taste
- Non-toxic, non-corrosive
- No effect on bond strength

WATER SAFETY REQUIREMENTS

The Centers of Disease Control (CDC) recommends that dental unit waterlines be tested on a regular basis to maintain its established standard of less than 500 colony-forming units per milliliter.*

If dental unit waterlines are not maintained on a regular basis, bacteria will develop on the inner surfaces of the tubing, blocks and other system components.

Simply maintaining the waterlines is not enough; it is a two part process of cleaning and maintenance. Over time, bacteria can overwhelm the waterline environment and begin to create microbial deposits. Using a daily irrigant, like VistaClean, and cleaning the waterlines regularly with an EPA approved antimicrobial, like VistaTab, will clean and control microbial contaminants to provide improved water quality while helping to protect patients, staff, and equipment.

*Reference Centers for Disease Control and Prevention. Guidelines for Infection Control in Dental Health-Care Settings - 2003. MMWR 2003; 52 (No. RR-17): [pg. 31].

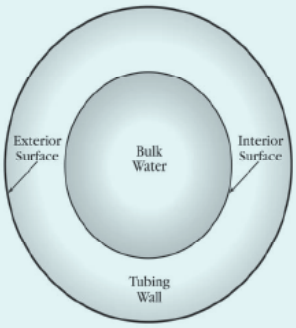


Figure 1. Clean dental waterline tubing. No biofilms or free-floating organisms present.

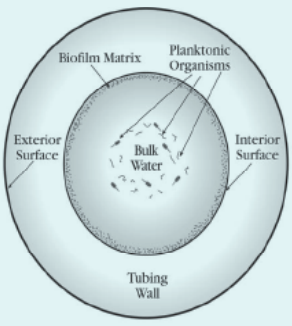


Figure 2. Contaminated dental waterline tubing. Biofilm on interior surface with abundant free-floating organisms.

Team Vista, VistaTab and VistaClean are trademarks of Vista Research Group LLC.

IMS CASSETTE WRAP

IMS Cassette Wrap is engineered to withstand the harsh conditions of sterilization. Our unique compilation of textiles is designed to be strong and soft for easy wrapping and durability. This low-lint, memory free wrap is available in two grades to meet your needs. Manufactured for single use only.





Autoclave Wrap

Autoclave Wrap offers the best combination of softness and added strength.

24" x 24" (610 mm x 610 mm) For Large Cassettes, 500 Sheets	**IMS-1210**
20" x 20" (508 mm x 508 mm) For Large Cassettes, 500 Sheets	**IMS-1212**
15" x 15" (380 mm x 380 mm) For Small Cassettes, 1,000 Sheets	**IMS-1211**
12" x 12" (305 mm x 305 mm) For Small Cassettes, 1,000 Sheets	**IMS-1213**

Universal Wrap

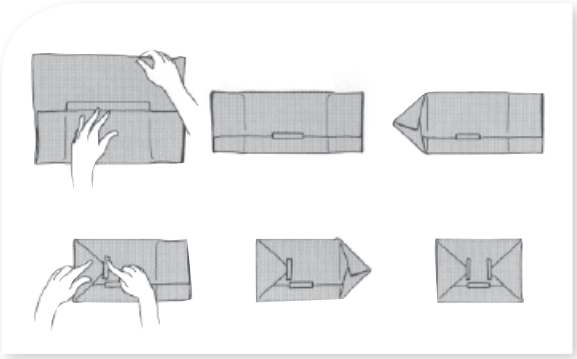
Universal Wrap provides great performance at a lower cost.

24" x 24" (610 mm x 610 mm) For Large Cassettes, 500 Sheets	**IMS-1214**
20" x 20" (508 mm x 508 mm) For Large Cassettes, 500 Sheets	**IMS-1216**
15" x 15" (380 mm x 380 mm) For Small Cassettes, 1,000 Sheets	**IMS-1215**
12" x 12" (305 mm x 305 mm) For Small Cassettes, 1,000 Sheets	**IMS-1217**

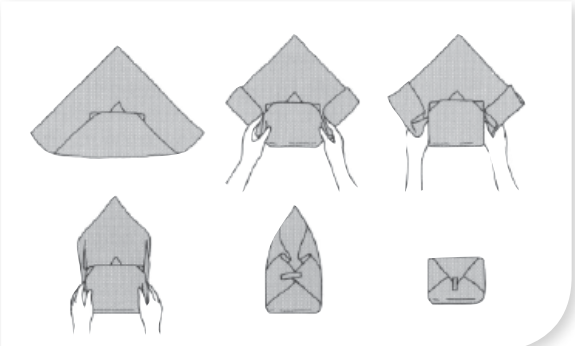
Note: Hu-Friedy wrap is also available in packs of 100 sheets. Add "H" to the end of the part code.

WRAPPING TECHNIQUES

Method 1: Standard Gift



Method 2: Hospital style



WRAP SIZE RECOMMENDATIONS

IMS Cassettes	12" x 12"	15" x 15"	20" x 20"	24" x 24"
Exam, Double-Decker® 8-Instrument, Ultrasonic Insert, Symmetry IQ & Handpiece Cassette	•	•		
Space Saver Seven™ Cassette	•	•		
Double-Decker 14-Instrument Cassette △		•	•	
Small 8 or 10 Instrument Cassette △		•	•	
Signa-Stat or Double-Decker 20-Instrument Cassette Large 16 or 20 Instrument Cassette			•	
Large 12 or 20 Instrument Cassette			•	
Oral Surgery Cassette				•
Orthodontic Cassette Box				•
Large Thin Orthodontic Cassette			•	
Small Thin Orthodontic Cassette			•	
Double-Decker Large Ortho Cassette			•	

△ The Double-Decker 14-instrument cassette and Small cassettes are best with the 15" x 15" sterilization wrap. However, if an office is trying to purchase only one size, the 20" x 20" size is recommended.

IMS® TAPE

IMS Monitor Tape

Strong 3/4" (19 mm) tape can be written on and visually differentiates processed from non-processed cassettes. Pre-printed tape is available with specific procedural set-ups, color-coded or blank. 60 yards (55 m) per roll

PROCEDURE			
Ortho	| IMS-1243	Exam	| IMS-1256
Archwire	| IMS-1244	Extraction	| IMS-1257
Banding	| IMS-1245	Perio	| IMS-1258
Bonding	| IMS-1246	Prophy	| IMS-1259
Restorative	| IMS-1247	Pedo	| IMS-1260
Surgery	| IMS-1248	Gray	| IMS-1262
X-Ray	| IMS-1249	Orange	| IMS-1263
Blank	| IMS-1250	Purple	| IMS-1264
Amalgam	| IMS-1251	Yellow	| IMS-1265
C&B	| IMS-1252	Red	| IMS-1266
Cement	| IMS-1253	Green	| IMS-1267
Composite	| IMS-1254	Blue	| IMS-1268
Endo	| IMS-1255	Black	| IMS-1269

IMS Lead and Latex Free Monitor Tape*

Safe for the environment, your staff and patients. Not made with lead or natural rubber latex. Does not require special hazardous disposal. Easy to use and read results. For steam autoclaves. 60 yards (55 m) per roll.

.75" (19 mm)	| IMS-1460



IMS Tape Dispensers

Rubber suction cups on the base secure dispenser to table or counter. Dispenser can also be mounted under cabinet.

IMS Tape Dispenser 10.75" x 6.25" x 7.6" (273 mm x 159 mm x 194 mm) Holds up to 9 rolls of IMS Monitor Tape.	| IMS-1270
IMS Mini Tape Dispenser 4.4" x 6.25" x 7.6" (111 mm x 159 mm x 194 mm) Holds up to 4 rolls of IMS Monitor Tape.	| IMS-1270H

BAGETTE® SELF-SEALING STERILIZATION POUCHES

Bagette® Self-Sealing Sterilization Pouches are constructed with durable materials and thick seals. Built-in external and internal quality control indicators relay accurate time and temperature verification, allowing you peace of mind. The full line of pouches include those custom fit especially for our cassettes and smaller sizes for all other sterilization needs.



Size	QTY	Suitable Contents	Part Code
2-1/4" x 4"	200	Rubber Dam Clamps or Burs	| IMS-1346
2-3/4" x 9"	200	1 Handpiece or 1-3 Hand Instruments	| IMS-1347
3-1/2" x 9"	200	2-5 Hand Instruments	| IMS-1236
5-1/4" x 10"	200	Handpiece or Multiple Instruments	| IMS-1348
7-1/2" x 13"	100	Exam Cassette†	| IMS-1237
10" x 14"	100	Small Cassette†	| IMS-1238
12" x 17"	100	Large Cassette†	| IMS-1239
13" x 20"	100	Oral Surgery Cassette†	| IMS-1345

*Not made with natural rubber latex

† Please see Hu-Friedy.com for complete list of suitable cassettes for this pouch.

IMS STEAM STERILIZATION MONITORS



IMS Steam Sterilization Indicators

IMS Steam Sterilization Indicators

Indicator strip verifies that steam sterilization parameters of time and temperature have been met. Use one in each cassette or pouch and retain for office records.

250 per box	**| IMS-1240**



IMS Steam Sterilization Integrators

IMS Steam Sterilization Integrators

Sterilization Integrators are a Class 5, multi-variable, sterilization monitor designed to react to all critical variables in the sterilization cycle: time, temperature and presence of steam. The integrators utilize a moving front indicator technology, which is an advancing color bar moving from reject to accept, eliminating the need to interpret or match colors.

100 per pouch	**| IMS-1241**

SPORECHECK

The SporeCheck 24 Hour In-Office Test® biological monitoring system provides reliable results in 24 hours, while being in compliance with local, state and federal guidelines. The SporeCheck system can be used with all types of steam sterilizers – including gravity, pre-vacuum and flash sterilizers.



SporeCheck Starter Kit Contains: Dry Block Incubator with built-in vial crusher, record notebook and 1 box SporeCheck Biological Indicators, 25 count	**| IMS-1376**
SporeCheck Biological Indicator Vials, 25 count	**| IMS-1373**
SporeCheck Biological Indicator Vials, 100 count (pictured at left)	**| IMS-1373H**
55-60° Dry Block Incubator	**| IMS-1374**
Sterilizer Record Notebook	**| IMS-1375**
Replacement Vial Crusher	**| IMS-1377**

The Center for Disease Control (CDC) recommends that an internal chemical indicator is placed in every package to be processed.*

*Reference: Centers for Disease Control and Prevention. Guidelines for Infection Control in Dental Health-Care Settings - 2003. MMWR 2003; 52 (No. RR-17): [pg. 24].

STERILIZATION CONTAINER SYSTEM

Hu-Friedy's Sterilization Containers are a reusable, rigid system used for the packaging of cassettes and instruments during sterilization. An alternative to the wrap and pouch materials commonly used to package cassettes and instruments, Sterilization Containers provide significant economic and environmental benefits along with enhanced safety.



Container Cassette for 12 Instruments

Blue
268 x 176 x 34 mm
10-1/2" x 7" x 1-1/3"
| IMECC128

Fits all sterilization containers
Container Cassette with handle on lid and filter outlets. Fits 12 instruments, with an accessory area.





Sterilization Container 312 x 190 x 50 mm 12-1/4" x 7-1/2" x 2"	**| IMDINC00M**
Sterilization Container 312 x 190 x 65 mm 12-1/4" x 7-1/2" x 2-1/2"	**| IMDINC01M**

Top and bottom with filter.
Fits one container cassette.



Sterilization Container 312 x 190 x 100 mm 12-1/4" x 7-1/2" x 4"	**| IMDINC02M**

Top and bottom with filter.
Fits two container cassettes.



Sterilization Container 312 x 190 x 135 mm 12-1/4" x 7-1/2" x 5-1/3"	**| IMDINC03M**

Top and bottom with filter.
Fits three container cassettes.

CONTAINER ACCESSORIES



Tamper Evident Seal for Lock



Container Indicator Card

Container Indicator Card 250 pieces, single use	**| IMCO-INDNA**
Tamper Evident Seal for Lock 100 pieces, single use	**| IMCOM-SEAL**
Disposable Paper Filter 100 pieces, blank, single use	**| IMCO-FIL3M**

HAND HYGIENE PRODUCTS

HAND ESSENTIALS

Hu-Friedy Hand Essentials is a complete line of medical grade hand moisturizers, sanitizers and soaps designed for frequent use to help with program compliance. All of Hu-Friedy's hand hygiene products are non-irritating, cost effective and are tested to be Chlorhexidine Gluconate (CHG) and latex glove compatible.





Hand Essentials™ Skin Repair Cream

Helps restore the skin's natural moisture balance

	US	Canada
32 Fl oz (946 mL) Bottle w/ Pump	| IMS-1500	| IMS-1500CA
4 Fl oz (118 mL) Tube	| IMS-1501	| N/A
2 Fl oz (59 mL) Tube	| IMS-1502	| IMS-1502CA
4 mL Packet, Case of 144	| IMS-1508	| IMS-1508CA

- Aids in delivering moisture and nutrients to skin
- Contains Olivamine® to aid in the skin repair process
- CHG and latex compatible



Hand Essentials Moisturizing Lotion

Contains oatmeal, aloe vera and Vitamin E for a soothing feel

	US	Canada
33.8 Fl oz (1000 mL) Bottle w/ Pump	| IMS-1503	| IMS-1503CA

- Non-greasy and scent-free
- Perfect for end of the day moisturizing
- CHG and latex compatible

Olivamine is a registered trademark of McCord Research Inc.



Sterillium Comfort Gel® Hand Antiseptic

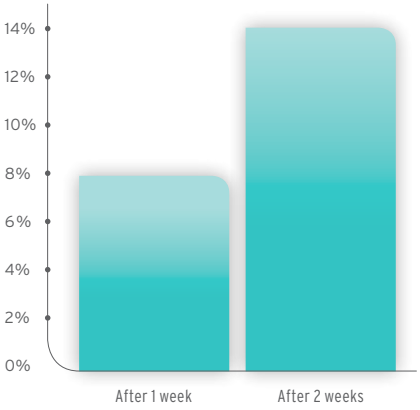
Scientifically proven, easy-to-use hand sanitizing gel

16.06 Fl oz (475 mL) Bottle w/ Pump	| IMS-1504
Sterillium Wall Bracket (for IMS-1504) 2/pk	| 974730
1.69 Fl oz (50 mL) Bottle	| IMS-1504S

- 85% Alcohol kills 99.999% of a broad range of nosocomial pathogens within 15 seconds
- Proven at only 2.4 mL per application
- Proven to increase skin hydration within one week
- CHG and latex compatible

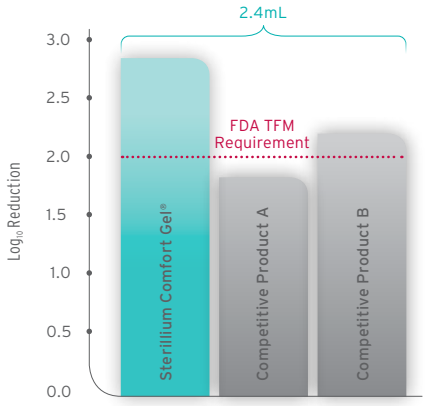
INCREASED SKIN HYDRATION

Sterillium Comfort Gel® significantly increases skin hydration after only one week of product usage compared to untreated skin.[1]



TRADING ECONOMY FOR EFFICACY – IN VIVO TEST

Our test comparing Sterillium Comfort Gel® against two competitors products showed that for Sterillium, only 2.4 mL was required to entirely cover the hands and nails.



Test method follows FDA TFM for Health-Care Antiseptic Drug Products[2] and compliant with ASTM E1174, Standard Test Method for Evaluation of Healthcare Personnel Handwash Formulations. Sterillium Comfort Gel® in comparison to two other alcohol-based hand sanitizers available on the market.[3] In vivo testing shows, use of only 2.4 mL of Sterillium Comfort Gel® exceeds the FDA TFM efficacy requirements.[4]





Hand Essentials Instant Hand Antiseptic

An essential germ-killing aid to disinfect hands

16 Fl oz (473 mL) Bottle w/ Pump	| IMS-1505

- Contains Vitamin E and aloe vera to condition skin
- 70% v/v ethyl alcohol gel dries quickly on hands
- Scent-free formula
- CHG and latex compatible

Hand Essentials Antibacterial Soap

Effective against bacteria, yet gentle enough for frequent use

16 Fl oz (473 mL) Bottle w/ Pump	| IMS-1506

- Rich lathering, quick-rinsing soap
- 0.5% Triclosan active antibacterial ingredient
- CHG and latex compatible

Hand Essentials Lotion Soap

Soothing, gentle on hands and pH balanced

	U.S.	Canada
16 Fl oz (473 mL) Bottle w/ Pump	| IMS-1507	| IMS-1507CA

- Enriched with moisturizing skin conditioners
- Rich feel, clean light scent
- CHG and latex compatible

Sterillium Comfort Gel is a registered trademark of Bode Chemie GmbH Co.

CLEANING EQUIPMENT CAPACITY LIST

MANUFACTURER/PHONE	MODEL	TANK DIMENSIONS L x W x D (INCHES)	CAPACITY IN GALLONS	EXAM & HANDPIECE 3 x 8 x 1.25	SMALL 10 INSTRUMENT 5.5 x 8 x 1.25	TWO-TIER 8-INSTRUMENT 3 x 8 x 1.5	SPACE SAVER SEVEN 4.5 x 8 x 1
Brand Max §	U-10LH / U-10LHREC	12 x 9.5 x 6	2.64	12	7	9	10
	U-13LH / U-13LHREC	13 x 11.8 x 6	3.43	12	8	9	10
	U-20LH / U-20LHREC	19.5 x 11.8 x 6	5.28	24	12	18	16
Biotrol 1-800-822-8550	Purit 300	12.25 x 11.25 x 5.5	3	12	6	12	9
	Purit 150	11 x 5.25 x 5.625	1.5	4	1	4	4
Coltene Whaledent 1-800-221-3046	UC300 (cassette rack accessory P/N UC320 or UC325)	14 x 9 x 6	3	9	6ˆ	9	6
	UC300R (cassette rack accessory P/N UC320 or UC325)	14 x 9 x 6	3	9	6ˆ	9	6
	UC125 (UC164XD)	11.25 x 5.62 x 5	1.25	1	N/C	1	3
	UC125 (UC151XD - with original basket) •	11.25 x 5.62 x 5	1.25	2	N/C	1	2
	UC125 (UC151XD - with updated basket) ›	11.25 x 5.62 x 5	1.25	4	N/C	4	3
	UC100	11.5 x 5.25 x 4	1.25	1	N/C	1	N/C
Esma, Inc. 1-800-276-2466	E789	13 x 11 x 11	6.5	20	12	12	12
	E789-oms	15 x 10 x 10	6.5				
	E397	12 x 10 x 8	3.5	12	7	9	8
	E289	12 x 10 x 8	3.5	12	7	9	8
	E888R	12 x 10 x 8	3.5	12	7	9	8
	E888	12 x 10 x 8	3.5	12	7	9	8
Health Sonics 1-800-342-3096	T19.9	20.8 x 13.5 x 12.2	5	17	9	17	16
	T13.7	14 x 14 x 10.7	3.5	12	6	12	9
	T10.4	13 x 11.5 x 10.3	2.7	10	3	10	8
	T10.4 C/S	13 x 11.5 x 12.3	3.2	12	7	12	12
	T9	20.8 x 7.5 x 11.5	2.3	6	N/C	6	N/C
	T5.7	12.8 x 8 x 10.5	1.5	4	N/C	4	4
	T4.4	10.5 x 7.5 x 10	1.1	1	N/C	1	1
	T 3.3	10.5 x 7.5 x 8.5	0.8	2	N/C	2	N/C

All capacity quantities and dimensions are provided by listed equipment manufacturers. Hu-Friedy provides this for your convenience, but we encourage you to verify with equipment manufacturer before purchase. We are happy to provide sample cassettes to confirm fit.

N/C = Not Compatible

■ Must be Hu-Friedy part code
Infinity Series - IMN416 (color) Q - 8 x 10.5
Signature Series - IM416 (color) Q - 8 x 10.5
to accommodate rounded corner of tank

IMS® CASSETTES									RESIN CASSETTES	
TWO-TIER 14-INSTRUMENT 4.5 x 8 x 1.5	SIGNA STAT 12 INSTRUMENT 6.5 x 10.5 x 1.25	TWO-TIER 20-INSTRUMENT 6 x 9.7 x 1.5	LARGE 8 x 11 x 1.25	ORAL SURGERY 8 x 14.5 x 1.25	ORTHO BOX 7.25 x 5.75 x 3.25	SMALL THIN ORTHO 7 x 8 x 0.75	LARGE THIN ORTHO 8 x 11 x 0.75	TWO-TIER ORTHO 20-INSTRUMENT 6 x 8 x 1.5	SMALL & TWO-TIER 4.5 x 8 x 1.5	LARGE 8 x 11 x 1.5
6	4	3	N/C	N/C	4	6	N/C	3	6	N/C
6	4	3	4	N/C	4	6	6	3	6	3
12	8	6	4	4	12	12	6	9	12	3
7	3	3	3	N/C	1	5	5	3	7	3
3	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	3	N/C
6	3	3	3	N/C	3	3	3	3	6	3
6	3	3	3	N/C	3	3	3	3	6	3
1	N/C	N/C	N/C	N/C	N/C	N/C	N/C	1	1	N/C
1	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	1	N/C
2	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	2	N/C
N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
9	8	8	6	N/C	4	10	10	8	9	6
		8	6	6	4	10	10	10	9	6
6	5	4	3	N/C	2	7	7	5	6	3
6	5	4	3	N/C	2	7	7	4	6	3
6	5	4	3	N/C	2	7	7	4	6	3
6	5	4	3	N/C	2	7	7	4	6	3
8	3	2	3	3	2	10	5	4	8	3
8	3	2	3	N/C	1	5	5	2	8	3
6	N/C	3	N/C	N/C	1	5	N/C	3	6	
8	N/C	4	N/C	N/C	2	8	N/C	4	8	
N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	
3	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	3	
N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	
N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	

ˆ According to equipment Manufacturer, when the UC300/UC300R is used with Hu-Friedy 10-instrument cassettes, in order to obtain full cassette coverage, it may be necessary to fill the tank beyond the fill line. Ensure the water level does not exceed the lip of the plastic bezel inside the tank. This action will not void the standard warranty.

\+ Recessed models
† Must order 2 x 4XL Cassette Racks (Full Size) - part #01-109965S
• Original style basket with integrated instrument holders on bottom
› New style basket with flat bottom

§ In order to obtain full cassette coverage, it may be necessary to fill tank beyond the fill line. Please ensure water does not extend above top of tank. Capacity show with optimal instrument cassette basket.

CLEANING EQUIPMENT CAPACITY LIST (CONTINUED)

MANUFACTURER/PHONE	MODEL	TANK DIMENSIONS L x W x D (INCHES)	CAPACITY IN GALLONS	EXAM & HANDPIECE 3 x 8 x 1.25	SMALL 10 INSTRUMENT 5.5 x 8 x 1.25	TWO-TIER 8-INSTRUMENT 3 x 8 x 1.5	SPACE SAVER SEVEN 4.5 x 8 x 1
L&R 201-991-5330	SweepZone 200 (No Rack - Use Basket)	11.75 x 6 x 4	1.06	2	N/C	1	1
	SweepZone 310R / SweepZone 310 / Quantrex 310 (Rack #26665)+	15.5 x 9 x 6	3.25	12	6	8	6
	SweepZone 360R / Quantrex 360 Rack #19368+	11.5 x 9.25 x 8	3.6	12	4	12	10
	SweepZone 650R / Quantrex 650 Rack #26847 (Holds 2 Racks)+	19.75 x 11.75 x 6.5	6.5	18	6	18	16
Midmark Soniclean 1-800-MIDMARK 1-800-643-6275	Soniclean M550 (rack# 9A407001)	19.5 x 11.5 x 6	5.5	15	9	15	16
	M550 with basket			15	9	15	16
	Soniclean M250 (rack# 9A295001)	11.5 x 9.5 x 6	2.5	9	3	9	8
	M250 with basket			9	3	9	8
	Soniclean M150	11.5 x 6 x 6	1.5	3	0	3	4
Miele Canada 1-888-325-3957 USA 1-80-991-9380	G7881/G7891 (Rack: 4xE523)	19.6 x 21 x 19.6	N/A	55	35	55	35
Quala 1-800-929-4ADC	Sweep 5300 (Rack# 26665 for large cassettes)	15.5 x 9 x 6	3.25	12	6	8	8
	Sweep 5200	11.75 x 6 x 4	1.06	2	N/C	2	2
	5002	9.4 x 5.4 x 4	0.84	N/C	N/C	N/C	N/C
SciCan 1-800-667-7733	Hydrim L110W G4 (**w/ modified racks)	23 x 15.5 x 18	N/A	30	20	30	15
	New Hydrim C61W G4 (Std rack / 6 rack)	12 x 19.5 x 16	N/A	12/24	6/12	12/24	9/18
Sonix IV 1-843-554-0239 1-800-878-2769 Ortho Rack# (SS6A-TUCH128) Standard Rack# (SS6A-TUCH266)	SR118/ST118	19.5 x 11.5 x 8	7.8	24	12	20	20
	SR116/ST116	19.5 x 11.5 x 6	5.5	18	9	15	14
	SR236/ST236	11.5 x 12.8 x 6	3.5	9	6	9	10
	SR128/ST128	11.5 x 9.5 x 8	3.5	12	8	12	10
	SR126/ST126	11.5 x 9.5 x 6	2.7	6	3	9	6
Sultan 1-800-637-8582	ProSonic 2000 (2 Racks #60230)	19.5 x 11.5 x 6	5.5	18	12	18	16
	ProSonic 1000 (1 Rack #60230)	11.5 x 9.5 x 6	2.5	12	4	9	8
	ProSonic 600	11.5 x 6 x 6	1.5	4	4	3	4
	ProSonic 300	9.5 x 5.5 x 4	0.75	3	N/C	2	N/C
Tuttnauer 1-800-624-5836	CSU3	15.5 x 9 x 6	3	9	6	6	6
	CSU1	9.38 x 5.38 x 4	0.8	2	N/C	2	2

All capacity quantities and dimensions are provided by listed equipment manufacturers. Hu-Friedy provides this for your convenience, but we encourage you to verify with equipment manufacturer before purchase. We are happy to provide sample cassettes to confirm fit.

N/C = Not Compatible

■ Must be Hu-Friedy part code
Infinity Series - IMN416 (color) Q - 8 x 10.5
Signature Series - IM416 (color) Q - 8 x 10.5
to accommodate rounded corner of tank

IMS® CASSETTES									RESIN CASSETTES	
TWO-TIER 14-INSTRUMENT 4.5 x 8 x 1.5	SIGNA STAT 12 INSTRUMENT 6.5 x 10.5 x 1.25	TWO-TIER 20-INSTRUMENT 6 x 9.7 x 1.5	LARGE 8 x 11 x 1.25	ORAL SURGERY 8 x 14.5 x 1.25	ORTHO BOX 7.25 x 5.75 x 3.25	SMALL THIN ORTHO 7 x 8 x 0.75	LARGE THIN ORTHO 8 x 11 x 0.75	TWO-TIER ORTHO 20-INSTRUMENT 6 x 8 x 1.5	SMALL & TWO-TIER 4.5 x 8 x 1.5	LARGE 8 x 11 x 1.5
1	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	2	N/C
4	3	2	3	N/C	2	8	4	4	4	2
8	4	4	N/C	N/C	2	7	N/C	3	6	N/C
12	6	6	6	N/C	2	10	10	6	12	6
12	6	6	6	3	3	10	10	9	12	6
12	6	6	3	3	3	10	5	9	12	3
4	3	3	3▪	N/C	1	6	N/C	3	6	3▪
4	3	3	0	0	1	6	5	3	6	1
3	N/C	N/C	N/C	N/C	1	N/C	N/C	N/C	3	N/C
20	11	55	11	11	12	24	11	24	35	11
6	3	2	3	N/C	1	5	5	6	6	3
0	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	2	N/C
N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C
15	5/**10	5/**10	**10	**8	8	10	**10	10	15	**10
9/18	3/6	3/6	3/6	3/6	2	6/12	3/6	6/12	9/18	3/6
16	4	10	4	4	5	12	12	10	16	4
12	3	6	3	3	5	8	8	6	12	3
7	3	3	3	N/C	2	4	4	3	7	3
8	4	4	4	N/C	2	6	6	6	8	3
6	3	3	N/C	N/C	1	4	N/C	3	6	N/C
12	6	6	6	4	4	10	10	6	12	6
6	3	3	3▪	N/C	2	5	N/C	3	6	3
3	N/C	3	N/C	N/C	1	N/C	N/C	N/C	3	N/C
2	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	2	N/C
6	4	3	3	N/C	4	5	5	6	6	3
1	N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	1	N/C

^ According to equipment Manufacturer, when the UC300/UC300R is used with Hu-Friedy 10-instrument cassettes, in order to obtain full cassette coverage, it may be necessary to fill the tank beyond the fill line. Ensure the water level does not exceed the lip of the plastic bezel inside the tank. This action will not void the standard warranty.

+ Recessed models
† Must order 2 x 4XL Cassette Racks (Full Size) - part #01-109965S
• Original style basket with integrated instrument holders on bottom
› New style basket with flat bottom

§ In order to obtain full cassette coverage, it may be necessary to fill tank beyond the fill line. Please ensure water does not extend above top of tank. Capacity show with optimal instrument cassette basket.

STERILIZER EQUIPMENT CAPACITY LIST

MANUFACTURER/PHONE	MODEL	CHAMBER DIMENSIONS L x W x D (INCHES)	EXAM & HANDPIECE 3 x 8 x 1.25	SMALL 10 INSTRUMENT 5.5 x 8 x 1.25	TWO-TIER 8-INSTRUMENT 3 x 8 x 1.5	SPACE SAVER SEVEN 4.5 x 8 x 1	TWO-TIER 14-INSTRUMENT 4.5 x 8 x 1.5
A-dec / W&H 1-800-547-1883	LISA MB 17	9.8 x 13.8	9	6	N/C	6	N/C
	LISA MB 22 (Available in Canada)	9.8 x 17.7	15	6	N/C	9	N/C
Midmark 1-800-MIDMARK 1-800-643-6275	M11 w/ Horizontal Rack #9A215001	11 x 18	16	8	16	12	12
	M11 w/ Vertical Rack #9A215002	11 x 18	16	8	16	12	12
	M11 with trays	11 x 18	12	6	12	8	8
	M9 standard rack with trays	9 x 15	6	3	6	4	3
	M7 standard rack with tray	7.5 x 15	3	2	3	2	2
	M3 with tray	7.6 x 1.6 x 12.1	2	1	N/C	1	N/C
Miele Canada 1-888-325-3957 USA 1-80-991-9380	PS1201B, Class B	10x16	9	6	6	6	3
Pelton & Crane 1-800-659-6560	Magnaclave	15.25 x 15 x 26	28	28	28	28	28
	Delta XL10 w/ rack (024338)	9.8 x 17.5	15	9	12	9	9
	Delta XL8	8.25 x 14	8	1	8	1	N/A
	Delta Q 10 Rack# (024338)	9.8 x 17.5	15	9	12	9	9
	Delta Q 8	8.25 x 14	8	1	8	1	N/A
SciCan Canada 1-800-667-7733 USA 1-800-572-1211	Bravo17	10 x 13.5	9	6	9	6	6
	Bravo17V	10 x 13.5	9	6	9	6	6
	Bravo21V	10 x 17.5	12	6	12	9	9
	Quantim 16	9.8 x 13	9	6	9	6	6
	Statim 7000	8.6 x 13.5 x 2.5	4	4	4	4	2
	Statim 5000 G4	7.1 x 15 x 3.2	2	2	2	2	1
	Statim 2000 G4	7.1 x 11 x 1.6	2	1	1	1	1
Tuttnauer 1-800-624-5836	3870•	15x30	45	30	45	30	30
	EZ10	10 x 19	16	9	12	9	9
	2540M	10 x 19	16	9	12	9	9
	EZ9	9 x 18	12	6	8	6	6
	2340M	9 x 18	12	6	8	6	6
	EZ9Plus	9x19.8	12	6	8	6	6
	Valueklave 1730	7 x 12	2	2	2	2	2
	EZ11Plus	11x19.8	16	12	16	12	12
	Elara 11 Class B	11 x 19.8	20	12	16	12	12

All capacity quantities and dimensions are provided by listed equipment manufacturers. Hu-Friedy provides this for your convenience, but we encourage you to verify with equipment manufacturer before purchase. We are happy to provide sample cassettes to confirm fit.

N/C = Not Compatible

■ Must be Hu-Friedy part code
Infinity Series - IMN416 (color) Q - 8 x 10.5
Signature Series - IM416 (color) Q - 8 x 10.5
to accommodate rounded corner of tank

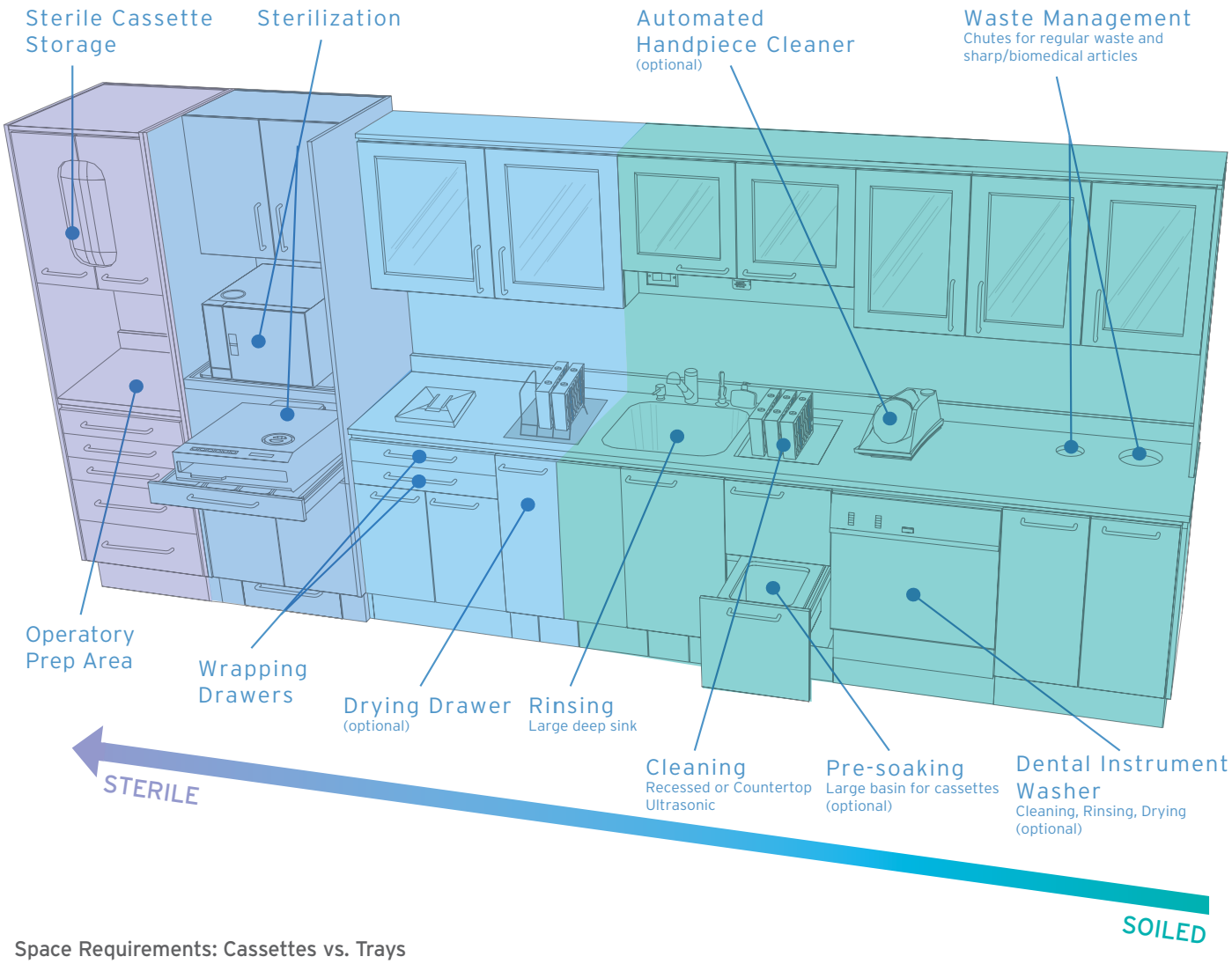
IMS® CASSETTES								RESIN CASSETTES	
SIGNA STAT 12 INSTRUMENT 6.5 x 10.5 x 1.25	TWO-TIER 20-INSTRUMENT 6 x 9.7 x 1.5	LARGE 8 x 11 x 1.25	ORAL SURGERY 8 x 14.5 x 1.25	ORTHO BOX 7.25 x 5.75 x 3.25	SMALL THIN ORTHO 7 x 8 x 0.75	LARGE THIN ORTHO 8 x 11 x 0.75	TWO-TIER ORTHO 20-INSTRUMENT 6 x 8 x 1.5	SMALL & TWO-TIER 4.5 x 8 x 1.5	LARGE 8 x 11 x 1.5
N/C	N/C	3	N/C	N/C	3	3	N/C	N/C	N/C
3	N/C	3	3	N/C	6	3	N/C	N/C	N/C
1	1	4	4	2^	8	4	0	12	4
4	4	4	4	N/C	8	4	4	12	4
3	4	2	2	3	6	3	4	8	2
2	2	1	N/C	2	3	2	2	4	1
N/C	1	N/C	N/C	N/C	N/C	N/C	1	2	N/C
1	N/C	N/C	N/C	N/C	1	N/C	N/C	N/C	N/C
3	3	3	2	N/C	6	3	3	3	N/C
14	14	14	3	6	14	14	14	28	14
3	3	3	3	2	4	3	9	9	3
0	0	N/C	N/C	1	2	N/C	1	4	N/C
3	3	3	3	2	4	3	9	9	3
0	0	N/C	N/C	1	2	N/C	1	4	N/C
3□	3	3	N/A	3	3	3	3	6	3
3□	3	3	N/A	3	3	3	3	6	3
3□	3	3	3	3	6	3	6	9	3
3	3	3	N/C	1	3	3	3	6	3
2	1	2	N/C	N/C	3	3	3	2	2
2	1	N/C	N/C	N/C	3	N/C	N/A	1	N/C
1	N/C	N/C	N/C	N/C	1	N/C	N/A	N/C	N/C
15**	15**	15	4	10	15**	15**	15**	30	15
4	4	3	3	2	6	3	6	9	3
4	4	3	3	2	6	3	6	9	3
3	3	2	2	2	4	2	4	6	2
3	3	2	2	2	4	2	4	6	2
2	2	2	2	2	4	2	4	6	2
N/C	N/C	N/C	N/C	N/C	N/C	N/C	N/C	2	N/C
4	4	4	4	2	8	4	8	12	4
5	5	4	4	2	8	4	8	12	4

** Optional Rack required for these Cassettes
□ Loose on the rails
♦ Does not fit within rail
^ Insert tray on bottom shelf and then place ortho boxes

SUGGESTED STERICENTER LAYOUT

The Center for Disease Control (CDC) recommends the processing area should be divided into four sections to control quality and ensure safety:

1. Receiving, Cleaning & Decontamination
2. Preparation & Packaging
3. Sterilization
4. Storage



Space Requirements: Cassettes vs. Trays

Counter Space Cassettes vs Trays

	Cassettes	Trays
Instrument Break Down Area	12"	36"
Ultrasonic Cleaner Area	24"	24"
Sink	24"	24"
Drying and Packaging	18"	36"
Hand-piece Maintenance	12"	12"
Sterilizer	24"	24"
Tray Assembly and Storage	18"	36"
Total Space	11 feet	16 feet

Counter Space Required

	Cassettes	Trays
4 - 6 Operatories (Stericenter)	11 feet	16 feet
7 - 8 Operatories (Stericenter)	13 Feet	19 feet
9 or more	15 feet	22 feet

Adapted with permission from Dr. Mark Tholen's book "A Guide to Designing an Elegant Dental or Medical Office"

CASSETTE AND EQUIPMENT "RULES OF THUMB"

In order to determine your specific instrument and cassette needs, review these "Rules of Thumb." They offer good insight into your decisions about cassettes and equipment.

How many cassettes do I need?

To estimate the minimum number of cassettes needed for your office:

1. Take the average number of procedures performed per day — 20
2. Divide that number in half — 10
3. Add one additional cassette for backup and emergency — 10+1=11
4. Total number if cassettes needed per day — 11*

*Note: Guidelines only! This example processes instruments through sterilization 2 times per day. High production offices will need enough cassettes for 3-4 sterilizations cycles per day.

What kind of ultrasonic equipment do I need?

Offices with:

- 1 Doctor / 1 Hygienist = 3 gallon tank minimum
- 1 Doctor / 2 Hygienist = 3 gallon tank or 6 gallon tank (if a fast-pace office)
- 2 Doctors / 1 Hygienist = 3-6 gallon tank
- Group Practices = Two 6 gallon tanks or instrument washer

Note: 1 Gallon = 3.785 liters

Sterilization Equipment?

Offices with:

- 1 Doctor / 1 Hygienist = 10" + chamber
- 1 Doctor / 2 Hygienist = 10" + chamber
- 2 Doctors / 1 Hygienist or users of Dental Automated washer/ disinfect or = One-Two 10" + chambers or one very large sterilizer

IMS INFECTION CONTROL STARTER PACKAGES

Hu-Friedy now offers complete Infection Control Starter Packages that include everything you need to ensure a safer and smarter practice for you and your patients from day one. Simply choose the appropriate package based on whether or not you are a cassette user.

For a discounted price off of retail, you will receive Enzymax, IMS wrap, SporeCheck, Team Vista, Hu-Friedy Hand Essentials and more.

Hu-Friedy's Starter Packages offer you two choices; if you are a Cassette user then ICSPCASS, the Cassette IC Starter Package is for you (ICSPCASSCA in Canada). However, if you don't use Cassettes in your office we have ICSPCONSBL, the Consumable IC Starter Package to choose from (ICSPCONSCA in Canada).

HUSAVE℠ CONSUMABLES SAVINGS PROGRAM*

Experience huge savings and earn great benefits as a member of Hu-Friedy's HUSAVE program!

HUSAVE offers a variety of disposable products direct from Hu-Friedy at significantly reduced prices. No more worrying about re-ordering or stocking bulky disposable products. The HUSAVE program is designed to dramatically reduce the time you spend purchasing while saving you money in the process!

Simply choose the product you would like to order, and when you would like them to ship, and we will do the rest. We will ship the product as you indicated and bill you through your dealer of choice.

To enroll in HUSAVE or to learn more about the savings program, please call 1-866-HUSAVE3 or go to Hu-Friedy.com.

SAVE MONEY
10-50% on purchases of consumable products

SAVE TIME
Place one order for the entire year or call us when you need product

SAVE SPACE
No need to store extra supplies

*Available in the US only

The HUSAVE Program includes the following product categories:



Cleaning & Care Products



Sterilization products



Hand Care Products



Sutures and Scalpel Blades

PROCEDURE TYPE	SET-UPS BY PROCEDURE	QUANTITY CASSETTES BY PROCEDURE	NUMBER OF INSTRUMENTS IN SET-UP	ACCESSORY RECOMMENDATION	CASSETTE RECOMMENDATION	CASSETTE RAIL COLOR
Directions	Total procedures for BUSIEST 1/2 day	Add 1 or 2 to the previous column	Count the number of straight, hinged and other instruments in the standard set-up	Use IMS Catalog to identify appropriate accessories (page 13)	Based on the number of instruments in the setup and referencing the IMS Catalog	0=Red; 1=Gray; 2=White; 3=Orange; 4=Purple, 5=Yellow; 6=Lavender; 7=Black, 8=Blue; 9=Green, 11=Ocean Blue
COMPOSITE RESTORATION						
AMALGAM RESTORATION						
UNIVERSAL RESTORATION						
CROWN & BRIDGE						
ENDO						
PROPHY						
EXAM						
SURGERY						
OTHER						
OTHER						
OTHER						
OTHER						
TOTAL CASSETTES						

ADDITIONAL ITEMS

	HAND ESSENTIALS	TEAM VISTA	ENZYMAX / DAILY CLEAN	IMS BAGETTES	IMS WRAP	IMS TAPE DISPENSER	IMS TAPE	SPORECHECK	ACCESSORIES	OTHER
PART CODE										
QUANTITY										
PART CODE										
QUANTITY										
PART CODE										
QUANTITY										
PART CODE										
QUANTITY										
PART CODE										
QUANTITY										
PART CODE										
QUANTITY										
PART CODE										
QUANTITY										

TROUBLESHOOTING

Problem	Cause	Prevention
• Spotting	• Insufficient rinsing after ultrasonic cleaning	• Rinse thoroughly under steady stream of water for 30 seconds. Use distilled water if possible
	• Insufficient drying after ultrasonic cleaning	• Rinse with hot water • Optional: Dip cassettes in alcohol after rinsing
	• Not changing ultrasonic solution	• Solution should be changed at least once a day
	• Sterilizer has not been cleaned	• Follow manufacturer's guidelines for maintenance and cleaning • Use only distilled water for reservoir
• Rust	• Corrosion from carbon steel instruments spreads to stainless steel instruments	• Separate stainless and carbon instruments • For carbon steel instruments: Dip in pre-sterilization solution as suggested by sterilizer manufacturer
	• Abrasion can destroy the chromium/oxide surface	• Lubricate joints and lock area
	• Sterilizer not clean	• Follow manufacturer's guidelines for maintenance and cleaning
• Pitting	• Chemical attack on instruments	• Rinse and dry instruments thoroughly • Use approved cleaning and sterilization solutions only, never use household bleach or stain and tartar remover
	• Chlorides (water leakage from water softener or additives containing chlorides	• Use demineralized or distilled water in final rinse.
	• Organic residues (blood, saliva, sweat)	• Use approved cleaning and sterilization solutions only. Never use bleach, tartar or cement remover

Problem	Cause	Prevention
Staining (Resin cassettes)		
• Black/ Purple	• Amalgam left in carrier	• Thoroughly remove amalgam or other compounds from the instrument prior to processing • If carrier is plugged, sterilize separately and unplug while carrier is warm
	• Contact with ammonia	• Use only proper and approved cleaning agents and rinse thoroughly
• Green	• Chrome breakdown of instruments	• Inspect instruments and replace those with cracked handles or peeled plating
• Yellow/ Brown	• Sterilizer has not been cleaned	• Change reservoir water once a week • Regularly clean chamber and filters according to manufacturer's instructions
	• Normal use discoloration	• Every 6 months soak resin cassettes (without instruments and not in the ultrasonic) in 2 cups bleach to 1 gallon of water for 5 to 30 minutes
• Brown/ Blue	• Sterilizer has not been cleaned	• Regularly clean chamber and filters according to manufacturer's instructions
• Turning Matte Gray	• Excessive lime in water	• Use demineralized or distilled water for softened water in cleaning stage
	• Cement remover has been in contact with instruments	• Wipe off cement removers prior to placing in an automatic washer
Cassette Issues		
• Broken Hinges	• Overloading/ improperly placed instruments	• Instruments should not protrude from cassette • Only light force is needed to close the cassette
	• Improperly placed rails	• Do not reposition resin cassette rails
• Wet Packs	• Insufficient drying before or during sterilization	• Thoroughly dry cassette after cleaning, before wrapping • Crack open autoclave sterilizer door during dry cycle • Optional: After sterilization cycle, leave cassettes in warm sterilizer for 10 minutes
	• Improper loading of cassettes in sterilizer	• Do not overpack sterilizer • Keep cassettes slightly separated within the chamber • Always use sterilizer's cassette rack

REFERENCE SECTION

TECHNICAL SERVICE

Complete servicing for IMS Cassettes in North America is available at our Chicago facility. Please wrap and sterilize cassette prior to returning for repair. Items returned for servicing should be sent via UPS or registered insured mail–

ATTENTION: Technical Service Department
Hu-Friedy Mfg. Co., LLC
1666 E. Touhy Ave.
Des Plaines, IL 60018

Price quotations on cost of repair are available upon request. If in need of additional service, please contact your local Hu-Friedy dealer. For IMS cassette service outside North America, please contact your local Hu-Friedy dealer.

REFERENCES FROM DATA ON PAGE 38 – 39

1. Independent Human Repeat Insult Patch Test. Data on file at Hu-Friedy.
2. Independent Skin Care Study/Skin Hydration. Data on file at Hu-Friedy.
3. Topical antimicrobial drug products for over-the-counter human use; Tentative final monograph for health care antiseptic drug products; Federal Register 1994, 59 (116):31402-31452. To be codified at 21 CFR sec. 333.
4. Independent lab testing done on all products, April 13 2007.
5. Independent TFM in Vivo Study. Data on file at Hu-Friedy.

IMS LIMITED WARRANTY

IMS® Cassette Limited Warranty

Hu-Friedy, at its sole option, will repair or replace, for a period of four years following the date of purchase, any IMS® cassette that is defective because of failure of materials (including corrosion) or workmanship of the cassette shell. Hu-Friedy, at its option, will also repair or replace, for a period of one year following the date of purchase, any, IMS® cassette that is defective because of failure of materials or workmanship of the internal and moving components. Purchaser must return the defective cassette (postage prepaid) and must have previously provided Hu-Friedy with the warranty registration card.

HU-FRIEDY DISCLAIMS LIABILITY, UNDER THIS WARRANTY OR OTHERWISE, FOR DAMAGES ARISING FROM (1) USER NEGLIGENCE, MISUSE, ABUSE OR ALTERATIONS TO THE CASSETTE; (2) THE USE OF COMMERCIAL/RESIDENTIAL GRADE WASHERS; (3) DENTAL AUTOMATED WASHER – DISINFECTORS WHERE MANUFACTURER'S PROCESSING GUIDELINES ARE NOT FOLLOWED; AND/OR (4) IMPROPER SET-UP AND INSTALLATION OF THE DEVICE.

Care Instructions for IMS and IMS Signature Series cassettes can be found on the instrument processing insert included with each cassette and in the approved Instrument Reprocessing Guide on Hu-Friedy.com.

See website for complete warranty information.
Hu-Friedy.com/IMSwarranty

TROUBLESHOOTING: REPROCESSING DO'S AND DON'TS

DO

...wear Hu-Friedy's Lilac Utility Gloves when handling contaminated cassettes and instruments.

...change the ultrasonic solution at least once a day or when visibly soiled. Dirty solution harbors particles that may inhibit efficient cleaning process.

...wipe off cement residue, glass ionomer and/or other heavy debris at chairside immediately after use.

...use Hu-Friedy's Enzymax products when cleaning Hu-Friedy cassettes and instruments for best results.

...sharpen instruments at chairside after sterilization and before a procedure. Hu-Friedy's sharpening stones can be processed along with instruments in the IMS cassette.

...autoclave utility gloves in seperate sterilization pouches.

DON'T

...let instruments protrude from cassettes.

...place cassettes in temperatures above 350°F/177°C.

...overload the cassette. If there is resistance when closing cassette, stop. Remove excess items and repeat the closing process. Forcing cassette to close under stress may inhibit future performance.

...put stainless steel and carbon steel instruments in the same cassette.

...reposition the location of the rails in resin cassettes. Improper rail location may cause undue stress on the cassette and can damage it.

...use IMS Autoclave Wrap in dry heat sterilization.

...run ultrasonic unit or steam autoclave without water.

HU-FRIEDY SOCIAL RESPONSIBILITY

At Hu-Friedy, we believe in helping dental professionals perform their best. We strongly believe in protecting the health of our planet in addition to supporting the health of individuals. Part of this effort is looking toward the future and finding solutions such as printing this catalog on 30% recycled paper.

Hu-Friedy is proud to join a number of proactive, forward-thinking companies who are working together to ensure a better future for our planet with environmentally-friendly programs and products. Our internal effort includes a recycling program in which we recycled over 48,000 lbs of paper, 37,000 lbs of cardboard and over 1,000 lbs of batteries.

We are working toward finding ways to conserve energy, building our offering of "green" products and providing recycling options for our customers. Look for the leaf design throughout this catalog signifying our "green" offerings.

ENZYMAX EARTH™ DETERGENT

Enjoy all of the same great benefits of Enzymax detergents with an increased awareness for our environment. All Enzymax Earth products are biodegradable and phosphate free* (see page 29).

TEAM VISTA™ WATERLINE CLEANER

Does not introduce heavy metals into the environment through dental waterlines and utilizes an organic irrigant derived of citrus botanicals (see page 32).

IMS LEAD AND LATEX FREE MONITOR TAPE†

Making it safe for the environment, your staff and your patients and does not require special hazardous disposal (see page 34).

STERILIZATION CONTAINERS

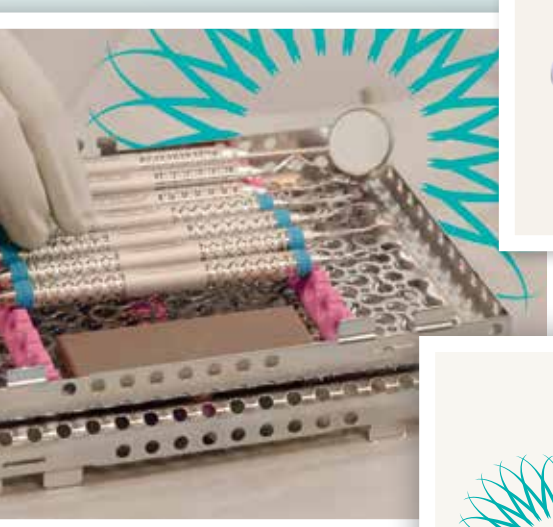
Sterilization containers are a system of sterilization packaging in which reusable aluminum containers are used to sterilize instruments and cassettes. They provide a low cost of use, long service life and minimal use of disposable products (see pages 36–37).

ENVIRONDENT® INSTRUMENT RECYCLING PROGRAM

This program has been making a positive impact on the environment for over 15 years by recycling old, broken or retipped instruments in an environmentally responsible way. Visit Environdent.com for more information.



*Biodegradable formula according to the organization for Economic Cooperation and Development (OECD) Testing
† Not made with natural rubber latex











For more information about
Hu-Friedy's Total Solutions visit
HU-FRIEDY.COM

PERIODONTAL | RESTORATIVE | ORTHODONTIC | INSTRUMENT MANAGEMENT | ENDODONTIC | SURGICAL | ULTRASONIC SCALING

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