



**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 more access to instruments during cleaning and sterilization and increases compatibility with today's 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.

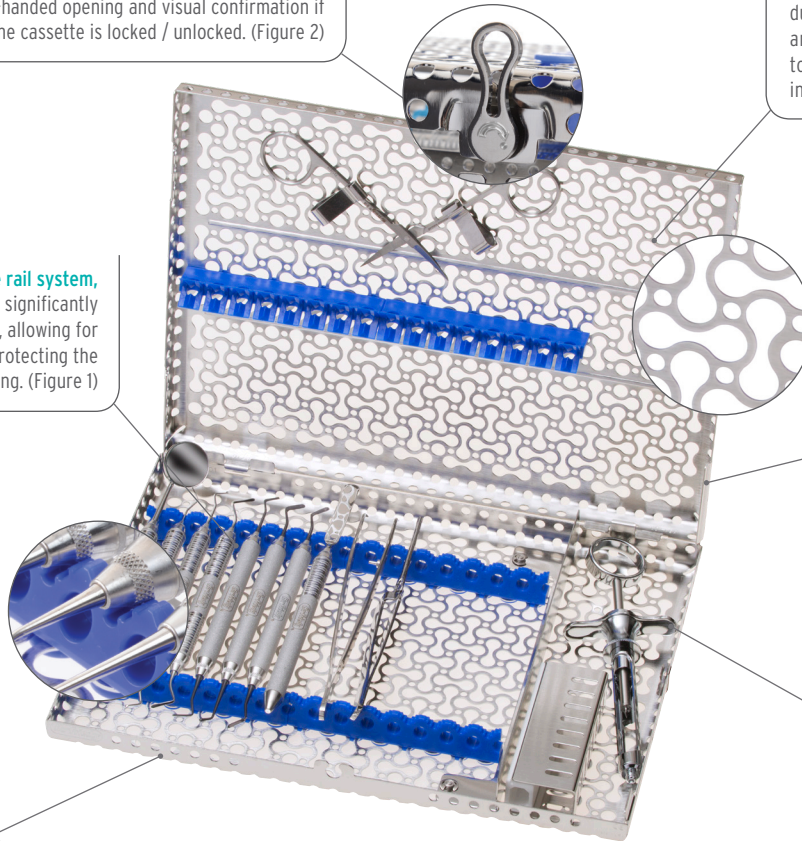


Figure 1

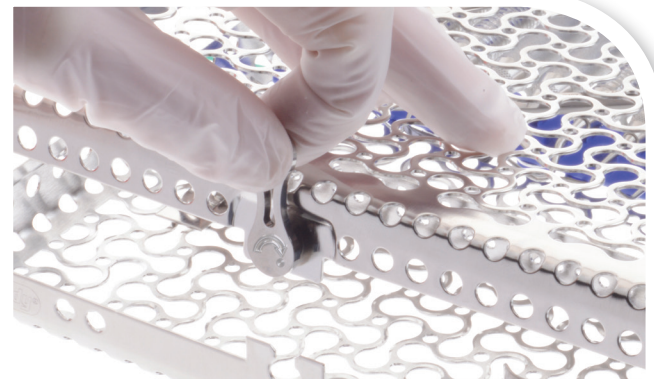
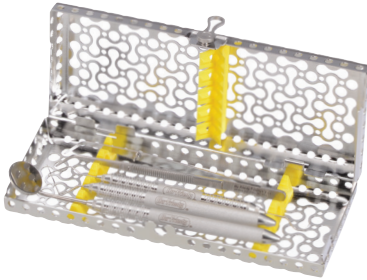


Figure 2



## 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.

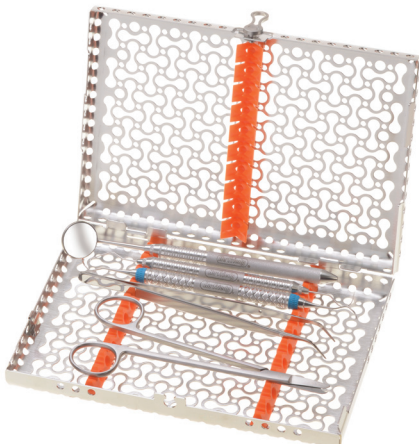
|            |   |          |
|------------|---|----------|
| Red        | ■ | IMN6050  |
| Gray       | ■ | IMN6051  |
| White      | □ | IMN6052  |
| Orange     | ■ | IMN6053  |
| Purple     | ■ | IMN6054  |
| Yellow     | ■ | IMN6055  |
| Lavender   | ■ | IMN6056  |
| Black      | ■ | IMN6057  |
| 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 |

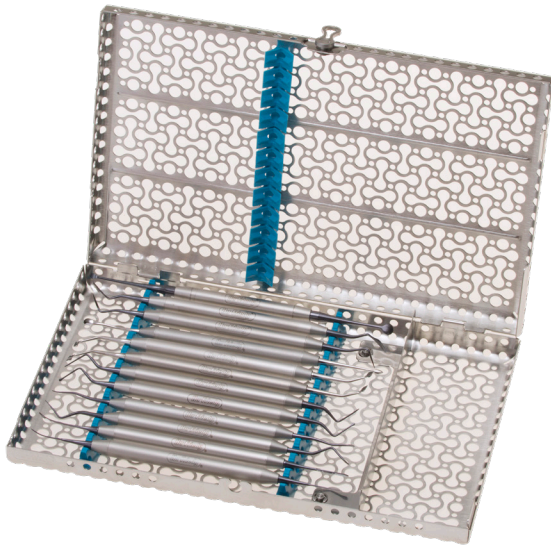


### Small Cassette - 10 Instruments

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  
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 (IMN412x).

### 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<br>Instrument | 16<br>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 |



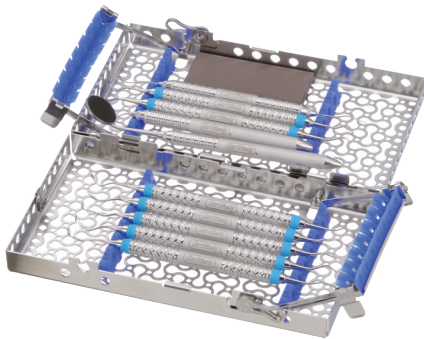
## IMS INFINITY SERIES™ CASSETTES



### Double-Decker® Cassette - 8 Instruments

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

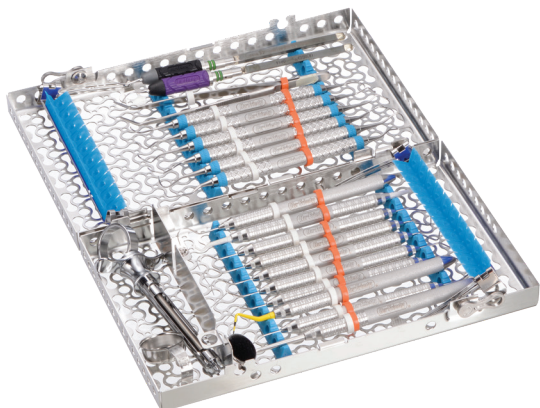
|            |   |          |
|------------|---|----------|
| Red        | ■ | IMN9080  |
| Gray       | ■ | IMN9081  |
| White      | □ | IMN9082  |
| Orange     | ■ | IMN9083  |
| Purple     | ■ | IMN9084  |
| Yellow     | ■ | IMN9085  |
| Lavender   | ■ | IMN9086  |
| Black      | ■ | IMN9087  |
| 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<br>Cassette | Large<br>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.



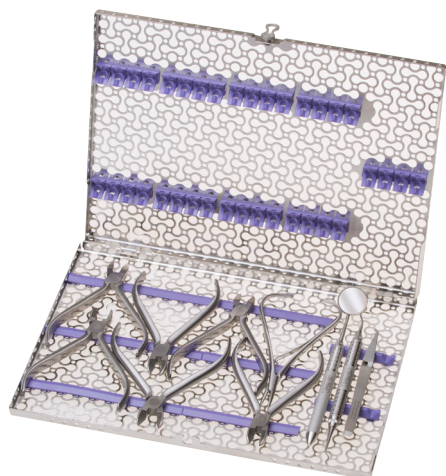
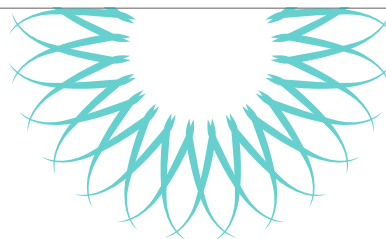
### Radiography Cassette

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 |  | <a href="#">IMNORTHL4</a> |
| Blue   |  | <a href="#">IMNORTHL8</a> |
| Green  |  | <a href="#">IMNORTHL9</a> |



## 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.

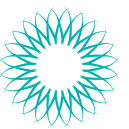
|        |                                                                                       |                           |
|--------|---------------------------------------------------------------------------------------|---------------------------|
| Purple |    | <a href="#">IMNORTHS4</a> |
| Blue   |   | <a href="#">IMNORTHS8</a> |
| Green  |  | <a href="#">IMNORTHS9</a> |



## 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 3 pliers, a Mathieu needle holder and 2 hand instruments.

|            |                                                                                       |                            |
|------------|---------------------------------------------------------------------------------------|----------------------------|
| Red        |  | <a href="#">IMN9140-O</a>  |
| Gray       |  | <a href="#">IMN9141-O</a>  |
| White      |  | <a href="#">IMN9142-O</a>  |
| Orange     |  | <a href="#">IMN9143-O</a>  |
| Purple     |  | <a href="#">IMN9144-O</a>  |
| Yellow     |  | <a href="#">IMN9145-O</a>  |
| Lavender   |  | <a href="#">IMN9146-O</a>  |
| Black      |  | <a href="#">IMN9147-O</a>  |
| Blue       |  | <a href="#">IMN9148-O</a>  |
| Green      |  | <a href="#">IMN9149-O</a>  |
| Ocean Blue |  | <a href="#">IMN91411-O</a> |



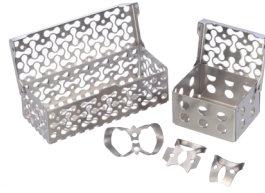
## IMS PARTS BOX

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

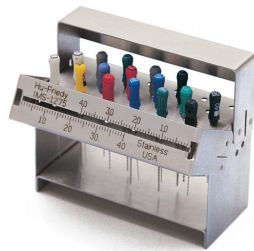
| **IMS-1275**

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 for IMS Cassettes. Air and Water 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 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 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, 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

| **RDCOB**

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 of most cassettes.

## HINGED INSTRUMENT CLIPS

Secure scissors, hemostats and other hinged instruments in the open position for optimal cleaning and sterilization.

### 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.



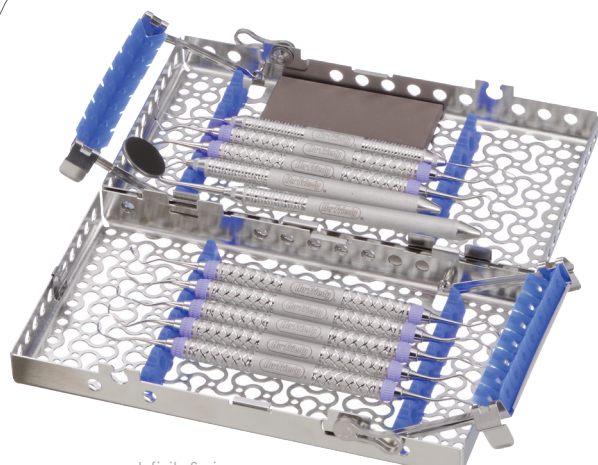
Complete list of cassette replacement parts can be found on [Hu-Friedy.com/IMS-Replacement-Parts](http://Hu-Friedy.com/IMS-Replacement-Parts)





## IMS COLLECTIONS

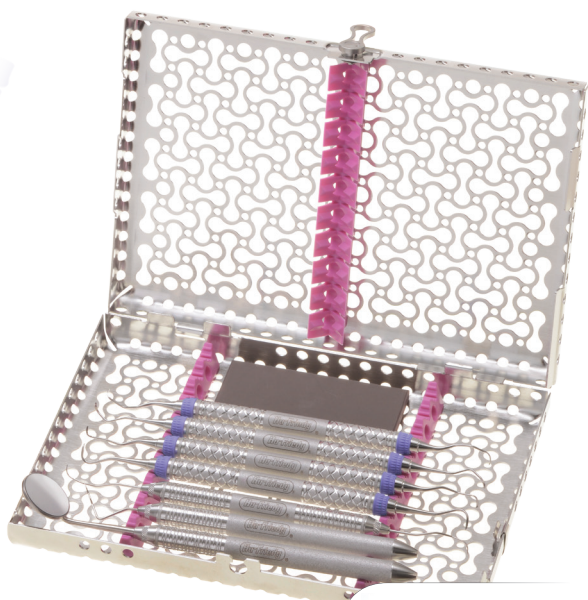
The IMS Infinity Series Collection and IMS Signature Series Collection feature a compilation of clinicians' most popular procedural set-ups. Order a Collection today and receive high quality Hu-Friedy instruments and IMS cassettes together at significantly reduced prices. Create a professional, efficient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



Infinity Series



Signature Series



Infinity Series



Signature Series

### Perio – Double-Decker®

#### | IMNPERIO

##### Infinity Series

#### | IMPERIO

##### Signature Series

|                                                            |                   |                   |
|------------------------------------------------------------|-------------------|-------------------|
| 14 Instrument Cassette, Blue                               | <b>IMN9148</b>    | <b>IM9148</b>     |
| Satin Steel® Mirror Handle                                 | <b>MH6</b>        | <b>MH6</b>        |
| 5 Front Surface Mouth Mirror, 3 pack                       | <b>MIR5/3</b>     | <b>MIR5/3</b>     |
| 11/12 Old Dominion University Explorer, Satin Steel Handle | <b>EXD11/126</b>  | <b>EXD11/126</b>  |
| CP-12 Color-Coded Probe, Satin Steel Handle                | <b>PCP126</b>     | <b>PCP126</b>     |
| EverEdge® 2.0 H6/H7 Hygienist Scaler                       | <b>SH6/79E2</b>   | <b>SH6/79E2</b>   |
| EverEdge 2.0 204S Sickle Scaler                            | <b>S204S9E2</b>   | <b>S204S9E2</b>   |
| EverEdge 2.0 1/2 Gracey Curette                            | <b>SG1/29E2</b>   | <b>SG1/29E2</b>   |
| EverEdge 2.0 7/8 Gracey Curette                            | <b>SG7/89E2</b>   | <b>SG7/89E2</b>   |
| EverEdge 2.0 11/12 Gracey Curette                          | <b>SG11/129E2</b> | <b>SG11/129E2</b> |
| EverEdge 2.0 13/14 Gracey Curette                          | <b>SG13/149E2</b> | <b>SG13/149E2</b> |
| EverEdge 2.0 13/14 Columbia University Curette             | <b>SC13/149E2</b> | <b>SC13/149E2</b> |
| 3C Ceramic Sharpening Stone                                | <b>SS3C</b>       | <b>SS3C</b>       |
| A/W Syringe Tip Clip                                       | <b>IM1006</b>     | <b>IM1006</b>     |

### Prophy

#### | IMNPROPHY

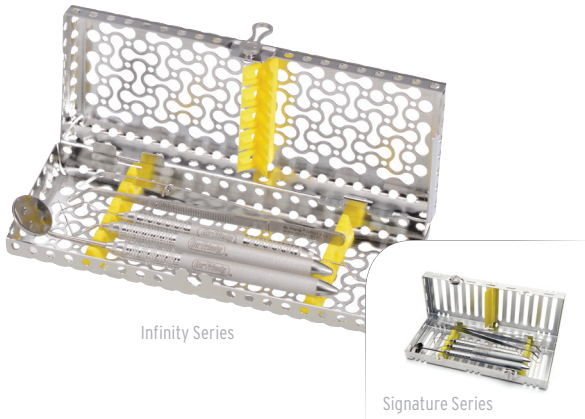
##### Infinity Series

#### | IMPROPHY

##### Signature Series

|                                                            |                   |                   |
|------------------------------------------------------------|-------------------|-------------------|
| Small Infinity Series 10 Instrument Cassette, Lavender     | <b>IMN5106</b>    | <b>IM5106</b>     |
| Satin Steel Mirror Handle                                  | <b>MH6</b>        | <b>MH6</b>        |
| 5 Front Surface Mouth Mirror, 3 pack                       | <b>MIR5/3</b>     | <b>MIR5/3</b>     |
| 11/12 Old Dominion University Explorer, Satin Steel Handle | <b>EXD11/126</b>  | <b>EXD11/126</b>  |
| CP-12 Color-Coded Probe, Satin Steel Handle                | <b>PCP126</b>     | <b>PCP126</b>     |
| EverEdge 2.0 H6/H7 Hygienist Scaler                        | <b>SHG/79E2</b>   | <b>SHG/79E2</b>   |
| EverEdge 2.0 11/12 Gracey Curette                          | <b>SG11/129E2</b> | <b>SG11/129E2</b> |
| EverEdge 2.0 13/14 Gracey Curette                          | <b>SG13/149E2</b> | <b>SG13/149E2</b> |
| EverEdge 2.0 13/14 Columbia University Curette             | <b>SC13/149E2</b> | <b>SC13/149E2</b> |
| 3C Ceramic Sharpening Stone                                | <b>SS3C</b>       | <b>SS3C</b>       |
| A/W Syringe Tip Clip                                       | <b>IM1005N</b>    | <b>IM1005</b>     |

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



## Exam

### | IMNEXAM

Infinity Series

### | IMEXAM

Signature Series

|                                                    |         |        |
|----------------------------------------------------|---------|--------|
| Exam Infinity Series 5 Instrument Cassette, Yellow | IMN6055 | IM6055 |
| Satin Steel® Mirror Handle                         | MH6     | MH6    |
| 5 Front Surface Mouth Mirror, 3 pack               | MIR5/3  | MIR5/3 |
| 5 Explorer, Satin Steel Handle                     | EXD56   | EXD56  |
| CP-12 Color-Coded Probe, Satin Steel Handle        | PCP126  | PCP126 |
| U17 Utility Pick-Up Dressing Pliers                | DPU17   | DPU17  |

## Sinus Lift

### | IMNSINUS

Infinity Series

### | IMSINUS

Signature Series

|                                                    |           |           |
|----------------------------------------------------|-----------|-----------|
| Large Infinity Series 12 Instrument Cassette, Gray | IMN4121   | IM4121    |
| 2-Pack Signature Series Hinged Instrument Clips    | IM1000    | IM1000    |
| Buser Periosteal, Satin Steel Handle               | PPBUSER6  | PPBUSER6  |
| Palti Bone Graft Scoop                             | IMP6522   | IMP6522   |
| Bone Tamper 7 mm                                   | BONT      | BONT      |
| Bone Rasp                                          | RASP      | RASP      |
| Sinus Retractor Misch 10                           | SRM10     | SRM10     |
| Sinus Curette 1                                    | SINC1     | SINC1     |
| Sinus Curette 2                                    | SINC2     | SINC2     |
| Bone Grafting Syringe, 7 mm                        | SYBG      | SYBG      |
| #1 Mead Mallet                                     | MAL1      | MAL1      |
| Crile-Wood Perma Sharp Needle Holder, 15 cm (6")   | NH5038    | NH5038    |
| #2/4 Molt Curette                                  | CM2/4     | CM2/4     |
| #UNC 12 Colorvue Kit                               | PCVNCKIT6 | PCVNCKIT6 |
| #23 Seldin Periosteal Retractor                    | P23       | P23       |
| Bone Packer 6 mm/8 mm                              | BPACK     | BPACK     |



## Suture Removal

### | IMNSUTURE

Infinity Series

### | IMSUTURE

Signature Series

|                                                      |            |            |
|------------------------------------------------------|------------|------------|
| Small Infinity Series 10 Instrument Cassette, Orange | IMN5103    | IM5103     |
| Satin Steel Mirror Handle                            | MH6        | MH6        |
| 5 Front Surface Mouth Mirror, 3 pack                 | MIR5/3     | MIR5/3     |
| 5 Explorer, Satin Steel Handle                       | EXD56      | EXD56      |
| EverEdge 2.0 13/14 Columbia University Curette       | SC13/149E2 | SC13/149E2 |
| 2 College Dressing Pliers                            | DP2        | DP2        |
| 13 Suture Scissors                                   | S13        | S13        |
| A/W Syringe Tip Clip                                 | IM1005N    | IM1005     |



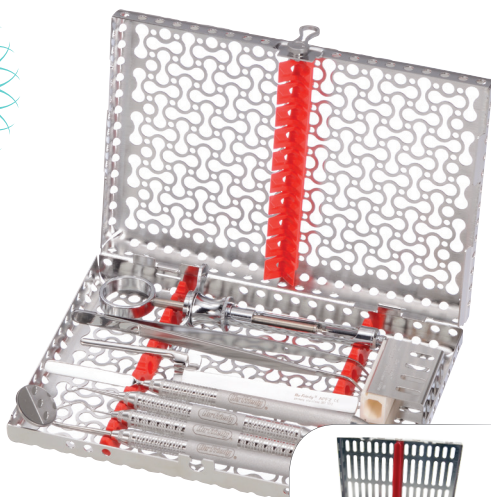
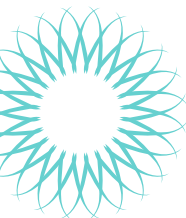




Infinity Series



Signature Series



Infinity Series



Signature Series

## Total Restorative – Composite, Crown & Bridge, Amalgam

### | IMNRESTOR

#### Infinity Series

Large Infinity Series 16 Instrument  
Cassette, Yellow

Satin Steel Mirror Handle

5 Front Surface Mouth Mirror, 3 pack

23/CP-12 Color-Coded Expro,  
Satin Steel Handle

18 Excavator, Satin Steel Handle

113 Serrated Gingival Cord Packer,  
Satin Steel Handle

Calcium Hydroxide Placement  
Instrument, Satin Steel Handle

0/1 Marquette Condenser,  
Satin Steel Handle

1/2 Blk Condenser, Satin Steel Handle

Regular/Large CFII Amalgam Carrier

3/6 Discoid-Cleoid Carver,  
Satin Steel Handle

8 Wiland Carver, Satin Steel Handle

1/2-3 Hollenback Carver,  
Satin Steel Handle

IPC Interproximal XTS Carver

2 Goldstein Flexi-Thin XTS®  
Composite Instrument

3 Goldstein Flexi-Thin XTS  
Composite Instrument

27/29 Burnisher, Satin Steel Handle

24 Spatula, Satin Steel Handle

2 College Dressing Pliers

Miller Articulating Paper Forceps

Curved Iris Scissors

CW Aspirating Anesthetic Syringe

Amalgam Well

Bur Cushion Short Lid, Holds 12

Hinged Instrument Clips, 2

A/W Syringe Tip Clip

### | IMRESTOR

#### Signature Series

| IMN4165 | IM4165

| MH6 | MH6

| MIR5/3 | MIR5/3

| XP23/126 | XP23/126

| EXC186 | EXC186

| GCP1136 | GCP1136

| PICH6 | PICH6

| PLG0/16 | PLG0/16

| PLG1/26 | PLG1/26

| AC5202 | AC5202

| CD3/66 | CD3/66

| CVWI86 | CVWI86

| CVHL1/26 | CVHL1/26

| TNCVIPIC | TNCVIPIC

| TNCIGFT2 | TNCIGFT2

| TNCIGFT3 | TNCIGFT3

| BB27/296 | BB27/296

| CS246 | CS246

| DP2 | DP2

| APF2 | APF2

| S18 | S18

| SYRCW | SYRCW

| WA | WA

| IMS-1372S | IMS-1372S

| IM1000 | IM1000

| IM1005N | IM1005

## Cement (Crown Seat)

### | IMNCEMENT

#### Infinity Series

Small Infinity Series 10 Instrument  
Cassette, Red

Satin Steel® Mirror Handle

5 Front Surface Mouth Mirror, 3 pack

5 Explorer, Satin Steel Handle

8 Wiland Carver, Satin Steel Handle

24 Spatula, Satin Steel Handle

Miller Articulating Paper Forceps

CW Aspirating Anesthetic Syringe

2 College Dressing Pliers

Bur Cushion Short Lid, Holds 6

A/W Syringe Tip Clip

### | IMCEMENT

#### Signature Series

| IMN5100 | IM5100

| MH6 | MH6

| MIR5/3 | MIR5/3

| EXD56 | EXD56

| CVWI86 | CVWI86

| CS246 | CS246

| APF2 | APF2

| SYRCW | SYRCW

| DP2 | DP2

| IMS-1372SH | IMS-1372SH

| IM1005N | IM1005





Infinity Series



Signature Series



Infinity Series



Signature Series

## Crown and Bridge

### | IMNCROWN

#### Infinity Series

### | IMCROWN

#### Signature Series

|                                                       |           |           |
|-------------------------------------------------------|-----------|-----------|
| Large Infinity Series 16 Instrument Cassette, Green   | IMN4169   | IM4169    |
| Satin Steel® Mirror Handle                            | MH6       | MH6       |
| 5 Front Surface Mouth Mirror, 3 pack                  | MIR5/3    | MIR5/3    |
| 5 Explorer, Satin Steel Handle                        | EXD56     | EXD56     |
| CP-12 Color-Coded Probe, Satin Steel Handle           | PCP126    | PCP126    |
| 8 Wiland Carver, Satin Steel Handle                   | CVWI86    | CVWI86    |
| 18 Excavator, Satin Steel Handle                      | EXC186    | EXC186    |
| 113 Serrated Gingival Cord Packer, Satin Steel Handle | GCP1136   | GCP1136   |
| 2 Goldstein Flexi-Thin XTS® Composite Instrument      | TNCIGFT2  | TNCIGFT2  |
| 24 Spatula, Satin Steel Handle                        | CS246     | CS246     |
| 2 College Dressing Pliers                             | DP2       | DP2       |
| Miller Articulating Paper Forceps                     | APF2      | APF2      |
| CW Aspirating Anesthetic Syringe                      | SYRCW     | SYRCW     |
| 18 Curved Iris Scissors                               | S18       | S18       |
| Bur Cushion Short Lid, Holds 12                       | IMS-1372S | IMS-1372S |
| Hinge Instrument Clips, 2                             | IM1000    | IM1000    |
| A/W Syringe Tip Clip                                  | IM1005N   | IM1005    |

## Amalgam

### | IMNAMALGAM

#### Infinity Series

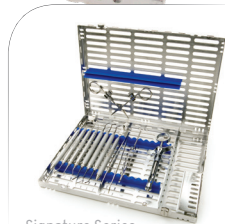
### | IMAMALGAM

#### Signature Series

|                                                            |           |           |
|------------------------------------------------------------|-----------|-----------|
| Large Infinity Series 16 Instrument Cassette, White        | IMN4162   | IM4162    |
| Satin Steel Mirror Handle                                  | MH6       | MH6       |
| 5 Front Surface Mouth Mirror, 3 pack                       | MIR5/3    | MIR5/3    |
| 5 Explorer, Satin Steel Handle                             | EXD56     | EXD56     |
| 18 Excavator, Satin Steel Handle                           | EXC186    | EXC186    |
| Calcium Hydroxide Placement Instrument, Satin Steel Handle | PICH6     | PICH6     |
| Regular/Large CFII Amalgam Carrier                         | AC5202    | AC5202    |
| 0/1 Marquette Condenser, Satin Steel Handle                | PLG0/16   | PLG0/16   |
| 1/2 Black Condenser, Satin Steel Handle                    | PLG1/26   | PLG1/26   |
| 3/6 Discoid-Cleoid Carver, Satin Steel Handle              | CD3/66    | CD3/66    |
| 89/92 Discoid-Cleoid Carver, Satin Steel Handle            | CD89/926  | CD89/926  |
| 1/2-3 Hollenback Carver, Satin Steel Handle                | CVHL1/26  | CVHL1/26  |
| 21B Burnisher, Satin Steel Handle                          | BB21B6    | BB21B6    |
| 27/29 Burnisher, Satin Steel Handle                        | BB27/296  | BB27/296  |
| 2 College Dressing Pliers                                  | DP2       | DP2       |
| Miller Articulating Paper Forceps                          | APF2      | APF2      |
| CW Aspirating Anesthetic Syringe                           | SYRCW     | SYRCW     |
| Amalgam Well                                               | WA        | WA        |
| Bur Cushion Short Lid, holds 12                            | IMS-1372S | IMS-1372S |
| A/W Syringe Tip Clip                                       | IM1005N   | IM1005    |



Infinity Series



Signature Series



Infinity Series



Signature Series

## Composite/Crown Prep

### | IMNCMPOSIT

#### Infinity Series

Large Infinity Series 16-Instrument  
Cassette, Blue

Satin Steel Mirror Handle

5 Front Surface Mouth Mirror, 3 pack

5 Explorer, Satin Steel Handle

18 Excavator, Satin Steel Handle

113 Serrated Gingival Cord Packer,  
Satin Steel Handle

IPC Interproximal XTS® Carver

2 Goldstein Flexi-Thin XTS  
Composite Instrument

3 Goldstein Flexi-Thin XTS  
Composite Instrument

24 Spatula, Satin Steel Handle

2 College Dressing Pliers

Miller Articulating Paper Forceps

CW Aspirating Anesthetic Syringe

18 Curved Iris Scissors

Bur Cushion Short Lid, holds 12

Hinge Instrument Clips, 2

A/W Syringe Tip Clip

### | IMCOMPOSIT

#### Signature Series

Large Infinity Series 16-Instrument  
Cassette, Blue

Satin Steel Mirror Handle

5 Front Surface Mouth Mirror, 3 pack

5 Explorer, Satin Steel Handle

18 Excavator, Satin Steel Handle

113 Serrated Gingival Cord Packer,  
Satin Steel Handle

IPC Interproximal XTS® Carver

2 Goldstein Flexi-Thin XTS  
Composite Instrument

3 Goldstein Flexi-Thin XTS  
Composite Instrument

24 Spatula, Satin Steel Handle

2 College Dressing Pliers

Miller Articulating Paper Forceps

CW Aspirating Anesthetic Syringe

18 Curved Iris Scissors

Bur Cushion Short Lid, holds 12

Hinge Instrument Clips, 2

A/W Syringe Tip Clip

## Endo

### | IMNENDO

#### Infinity Series

Large Infinity Series 12-Instrument  
Cassette, Gray

Satin Steel Mirror Handle

4 Front Surface Mouth Mirror, 3 pack

DG16 Endo Explorer, Satin Steel Handle

1 Locking Endo Pliers

1 Locking Endo Pliers

31L Excavator, Satin Steel Handle

D11 Nickel Titanium Endo Spreader

1/3 Endo Plugger

5/7 Endo Plugger

9/11 Endo Plugger

1 Glick Blade/Endo Plugger

Miller Articulating Paper Forceps

CW Aspirating Anesthetic Syringe

Rubber Dam Forceps

1 Satin Steel Rubber Dam Clamp

2 Satin Steel Rubber Dam Clamp

9 Satin Steel Rubber Dam Clamp

26N Satin Steel Rubber Dam Clamp

Endo Stand, Holds 24 Files & Reamers

Bur Cushion Short Lid, Holds 12

IMS Small Parts Box

### | IMENDO

#### Signature Series

Large Infinity Series 12-Instrument  
Cassette, Gray

Satin Steel Mirror Handle

4 Front Surface Mouth Mirror, 3 pack

DG16 Endo Explorer, Satin Steel Handle

1 Locking Endo Pliers

1 Locking Endo Pliers

31L Excavator, Satin Steel Handle

D11 Nickel Titanium Endo Spreader

1/3 Endo Plugger

5/7 Endo Plugger

9/11 Endo Plugger

1 Glick Blade/Endo Plugger

Miller Articulating Paper Forceps

CW Aspirating Anesthetic Syringe

Rubber Dam Forceps

1 Satin Steel Rubber Dam Clamp

2 Satin Steel Rubber Dam Clamp

9 Satin Steel Rubber Dam Clamp

26N Satin Steel Rubber Dam Clamp

Endo Stand, Holds 24 Files & Reamers

Bur Cushion Short Lid, Holds 12

IMS Small Parts Box





## Ortho Banding/Bonding

### | IMORTHOB

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

Available in Signature Series only



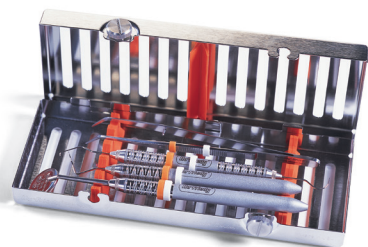
## Ortho Archwire Adjustment

### | IMORTHOOA

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

Available in Signature Series only





## 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 |



## 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<br>Instrument | 10<br>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           |

8 instrument cassette shown above. Also available in 10 instrument cassette with no accessory area.



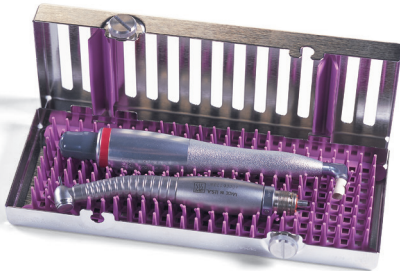
## Signa-Stat Cassette - 12 Instruments

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 |



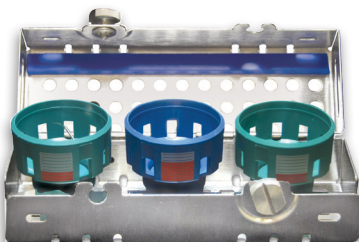
Small Ultrasonic Insert/Handpiece Cassette



Large Ultrasonic Insert/Handpiece Cassette



Double Symmetry IQ® Handpiece Cassette



## 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<br>Instrument | 16<br>Instrument | 20<br>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           |

## 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<br>Cassette | Large<br>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.

## 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

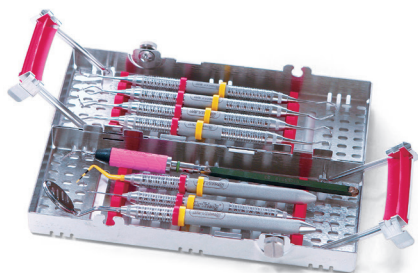


## Oral Surgery Cassette

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.

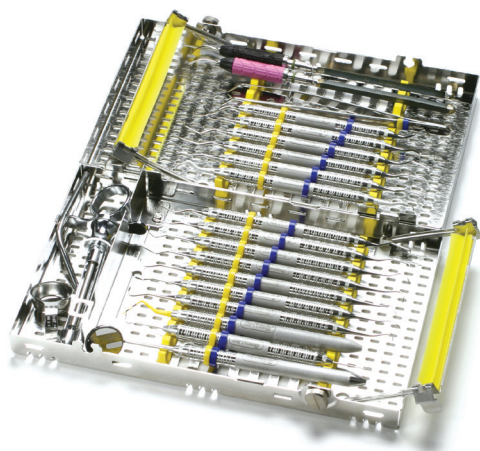
|          |   |        |
|----------|---|--------|
| Red      | ■ | IM9080 |
| Gray     | ■ | IM9081 |
| White    | □ | IM9082 |
| Orange   | ■ | IM9083 |
| Yellow   | ■ | IM9085 |
| Lavender | ■ | IM9086 |
| Blue     | ■ | IM9088 |
| Green    | ■ | IM9089 |



## 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.

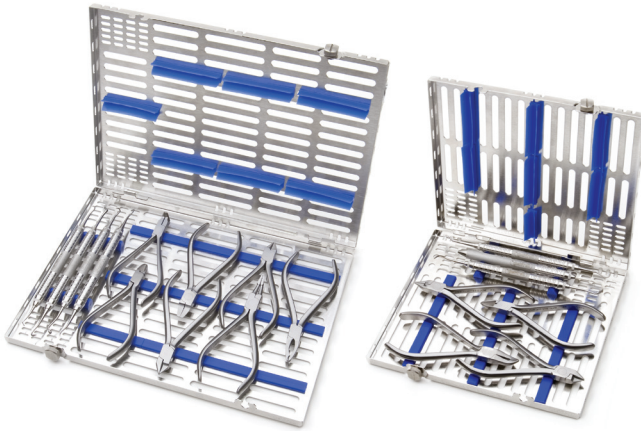
|          |   | 14<br>Instrument | Small Ortho<br>Cassette |
|----------|---|------------------|-------------------------|
| Red      | ■ | IM9140           | IM9140-OR               |
| Gray     | ■ | IM9141           | IM9141-OR               |
| White    | □ | IM9142           | IM9142-OR               |
| 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 |



Large Thin Orthodontic Cassette

Small Thin Orthodontic Cassette

## Large Thin Orthodontic Cassette

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

Blue



| **IMORTHLG8**

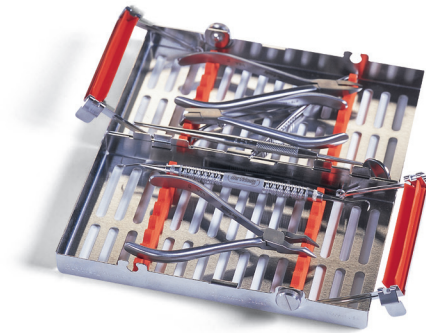
## Small Thin Orthodontic Cassette

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

Blue



| **IMORTHSM8**



## Double-Decker® Small Orthodontic Cassette

Exterior Dimensions 4.5" x 8" x 1.5" (114mm x 203mm x 38mm)  
Holds up to 3 pliers, 1 Mathieu needle holder and 2 hand instruments.

Red



| **IM9140-OR**

Gray



| **IM9141-OR**

White



| **IM9142-OR**

Orange



| **IM9143-OR**

Yellow



| **IM9145-OR**

Purple



| **IM9146-OR**

Blue



| **IM9148-OR**

Green



| **IM9149-OR**



## Double-Decker® Large Orthodontic Cassette

Exterior Dimensions 6" x 8" x 1.5" (152mm x 203mm x 38mm)  
Holds up to 6 pliers, 1 Mathieu needle holder and 3 hand instruments without accessory area.

Red



| **IM5200-OR**

Gray



| **IM5201-OR**

White



| **IM5202-OR**

Orange



| **IM5203-OR**

Yellow



| **IM5205-OR**

Purple



| **IM5206-OR**

Blue



| **IM5208-OR**

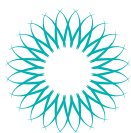
Green



| **IM5209-OR**

\*Double-Decker Large Ortho Cassette with Accessory Area - IM920x-OR

\*\*Shown with optional instrument rack. Part code IM520x-ORA



## 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 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 Resin 18 Instruments | IMS-1118

Holds up to 18 instruments (pictured)

### Large Resin 24 Instruments | IMS-1124

Holds up to 24 instruments

### Large Resin 12 Instruments | IMS-1112

Holds up to 12 instruments (pictured)

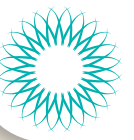
### Large Resin 16 Instruments | IMS-1116

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



## Flat Slide Tray†

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

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

| IMS-1422

## 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

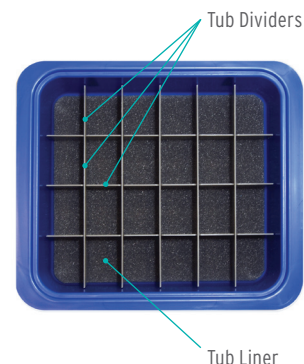
## Tub Insert

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 TUBS

## SIGNATURE SERIES TUB CUPS & COVERS

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



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**

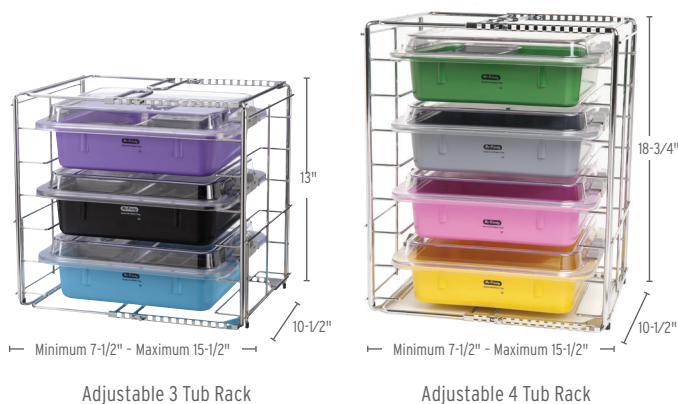
### Long Tub Cup with Cover†

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 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

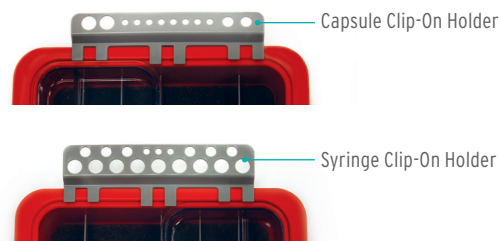
### Adjustable 4 Tub Rack

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 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 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

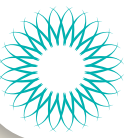
8-1/2" x 2-3/8" x 3/4"

| **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.



### Regular

Use on #2 and 4 Handles

### Large

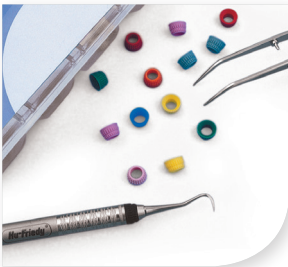
Use on #6, 7, 8 and 9 Handles

| 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 |
| Ocean Blue      | ■   IMS-12812 | ■   IMS-12812L |
| Purple          | ■   IMS-12813 | ■   IMS-12813L |

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 | SGMULTI   |

## 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.

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

## IMS COLOR TABS

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



|            |                |
|------------|----------------|
| 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     |

All single color packages contain 5 pieces. The assorted color package contains 11 pieces (Red, Gray, White, Orange, Purple, Yellow, Lavender, Black, Blue, Green, and Ocean Blue).

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

Specially designed polyester pressure-sensitive labels for cassette identification.



IMS Cassette I.D. Labels

50 per package

IMS I.D. Marker

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





# CLEANING & 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



1.1 lb (500 g) | **IMS-1220**  
Makes 35 Gallons (132 liters)

5 lb (2.27 kg) | **IMS-1218**  
Makes 160 Gallons (606 liters)

## INSTRUMENT LUBRICANTS



### Instrument Lubricants

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

Penetrating Oil 8 oz (236 ml) | **IPS**

Removes light rust and corrosion to loosen problem joints

Instrument Lubricant Spray 8 oz (236 ml) | **ILS**

Keeps hinged instruments moving freely

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



Enzymax® Dual Enzyme Ultrasonic Detergent is specifically formulated for efficient ultrasonic cleaning and pre-soaking of cassettes and instruments. Contains Steelgard™ agents to extend instrument life and chelating 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.

## ENZYMEX



### Enzymax Liquid

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

### Enzymax Powder

|                                                                            |                           |
|----------------------------------------------------------------------------|---------------------------|
| 1.76 lb (800 g) Powder<br>Makes 50 Gallons (189 liters)                    | <a href="#">IMS-1230</a>  |
| 6 containers of 1.76 lb (800 g) Powder<br>Makes 300 Gallons (1,134 liters) | <a href="#">IMS-1230C</a> |

### Enzymax Pax® Single Use Packets

|                                                                           |                          |
|---------------------------------------------------------------------------|--------------------------|
| 32 Dissolvable Single-Use Powder Packets<br>Makes 32 Gallons (121 liters) | <a href="#">IMS-1232</a> |
| 96 Dissolvable Single-Use Powder Packets<br>Makes 96 Gallons (363 liters) | <a href="#">IMS-1233</a> |

### 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)<br>450 Sprays | <a href="#">IMS-1229</a> |
|---------------------------------|--------------------------|

Hu-Friedy strongly recommends Enzymax with our instruments to maintain instrument longevity, integrity and appearance.

A stylized teal leaf graphic with several leaves of varying sizes and shapes, arranged along a central stem. The leaves are positioned on the right side of the page, partially overlapping the text boxes.

| IMS-1336

| IMS-1332

| IMS-1333

[illegible]

| IMS-1336

## | IMS-1332

IMS-1333

## A pair of purple nitrile gloves. One glove is positioned to show its textured palm side, while the other shows its smooth back side. A small logo is visible on the back of the right-hand glove.

Extra Large (Size 10) | 40-066



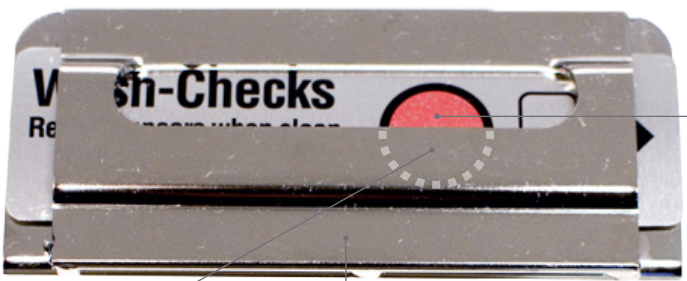
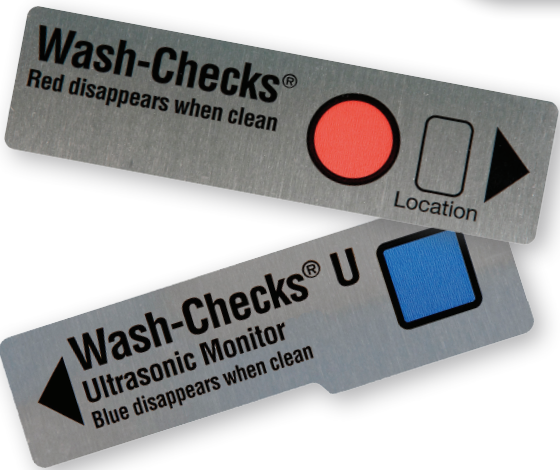
A24



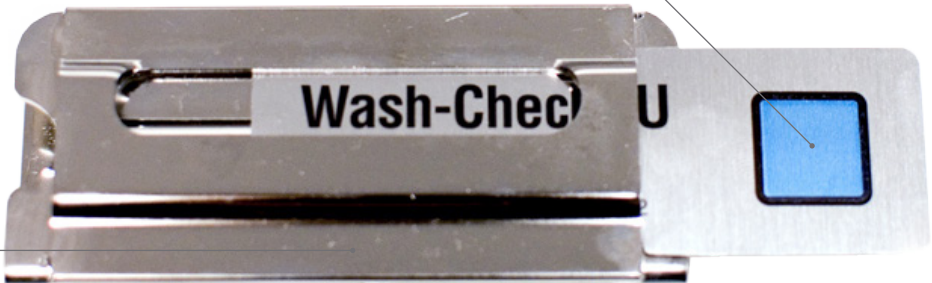


## CLEANING MONITORS

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.



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

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



## Ideal Cleaning Monitor Usage

### WASHER-DISINFECTOR

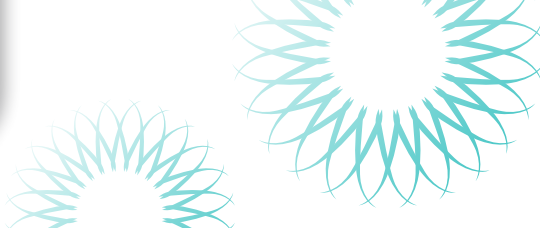
Run a monitor test in the morning to release the equipment for use and minimum of one monitor per load for load release.

### 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.



## CLEANING & CARE PRODUCTS



### Clear & Simple Results Interpretation

Removal of all test soil indicates effective cleaning

|                            | Washer-Disinfector | Ultrasonic |
|----------------------------|--------------------|------------|
| <b>Fail</b><br>(Unexposed) |                    |            |
| <b>Fail</b>                |                    |            |
|                            |                    |            |
|                            |                    |            |
|                            |                    |            |
|                            |                    |            |
| <b>Pass</b>                |                    |            |

See Troubleshooting Charts (NI736 and NI692) 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                                                                                                                                               |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Parameters tested by the cleaning monitors</b> | <ul style="list-style-type: none"><li>• Time</li><li>• Temperature</li><li>• Detergent concentration</li><li>• Spray arm function</li><li>• Enzyme soak</li></ul>                                                                                | <ul style="list-style-type: none"><li>• Cavitation</li><li>• Time</li><li>• Temperature</li><li>• Detergent</li></ul>                                    |
| <b>Common Cleaning Process Failures</b>           | <ul style="list-style-type: none"><li>• Inadequate water spray/impingement</li><li>• Clogged spray arms</li><li>• Overloading</li><li>• Instrument shadowing</li><li>• Inadequate detergent dosing</li><li>• Improper detergent dosing</li></ul> | <ul style="list-style-type: none"><li>• Ineffective cavitation</li><li>• Overloading</li><li>• Insufficient time, temperature and/or detergent</li></ul> |



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.

# DENTAL UNIT WATERLINE PRODUCTS

## TEAM VISTA DENTAL UNIT WATERLINE CLEANER



### Team Vista™ Dental Unit Waterline Cleaner

#### CONTAINS:

| IMS-1450

- 1 - One Fl oz bottle of VistaClean Irrigant Solution
- 15 - VistaTab Cleaner Tablets

- 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 operator



### VistaTab™ Dental Waterline Cleaner Tablet

#### CONTAINS:

| IMS-1451

- 15 - VistaTab Cleaner Tablets

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



### VistaClean™ Irrigant Solution Concentrate

#### CONTAINS:

| IMS-1452

- 1 - One Fl oz bottle of VistaClean Irrigant Solution

- 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
- Available in the U.S. and Canada

## 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].

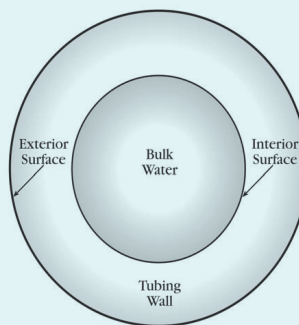


Figure 1. Clean dental waterline tubing. No biofilms or free-floating organisms present.

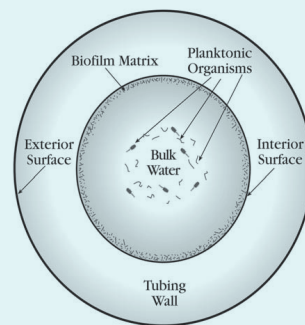


Figure 2. Contaminated dental waterline tubing. Biofilm on interior surface with abundant free-floating organisms.





# STERILIZATION PRODUCTS

## 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.



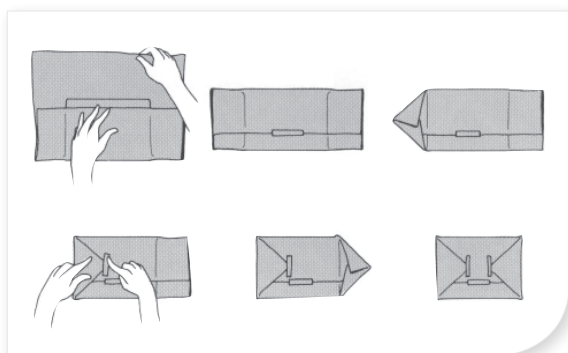
|                                                                  |                 |
|------------------------------------------------------------------|-----------------|
| 24" x 24" (610 mm x 610 mm)<br>For Large Cassettes, 500 Sheets   | <b>IMS-1210</b> |
| 20" x 20" (508 mm x 508 mm)<br>For Large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

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

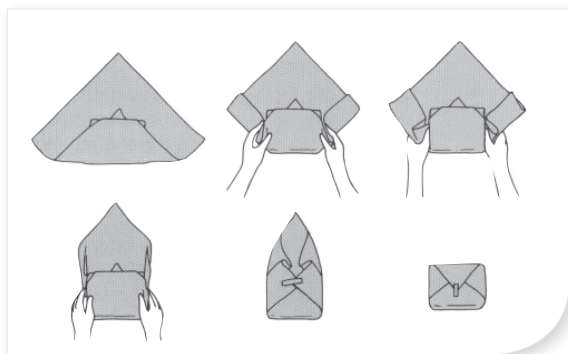
Note: Hu-Friedry wrap is also available in packs of 100 sheets. Add "H" to the end of the part code.

## 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 Δ                                                    |           | •         | •         |           |
| Small 8- or 10-Instrument Cassette Δ                                                      |           | •         | •         |           |
| Signa-Stat or Double-Decker 20-Instrument Cassette<br>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                                                        |           |           | •         |           |

Δ 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 | IMS-1270

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 Mini Tape Dispenser | IMS-1270H

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

## 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.



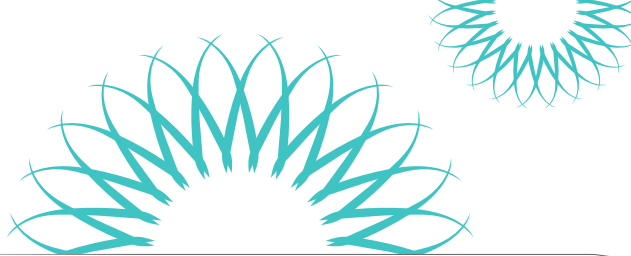
| Size         | QTY | Suitable Contents                                                 | Part Code |
|--------------|-----|-------------------------------------------------------------------|-----------|
| 2-1/4" x 4"  | 200 | Rubber Dam Clamps or Burs                                         | IMS-1346  |
| 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†, Double-Decker<br>8 Instrument                     | IMS-1237  |
| 10" x 14"    | 100 | Small Cassette†, Double Decker<br>14 Instrument, Small Thin Ortho | IMS-1238  |
| 12" x 17"    | 100 | Large Cassette†, Double Decker<br>20 Instrument, Large Thin Ortho | 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.



# STERILIZATION PRODUCTS



## 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 Type 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

| **IMS-1376**

Contains: Dry Block Incubator with built-in vial crusher, record notebook and 1 box SporeCheck Biological Indicators, 25 count

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.\*

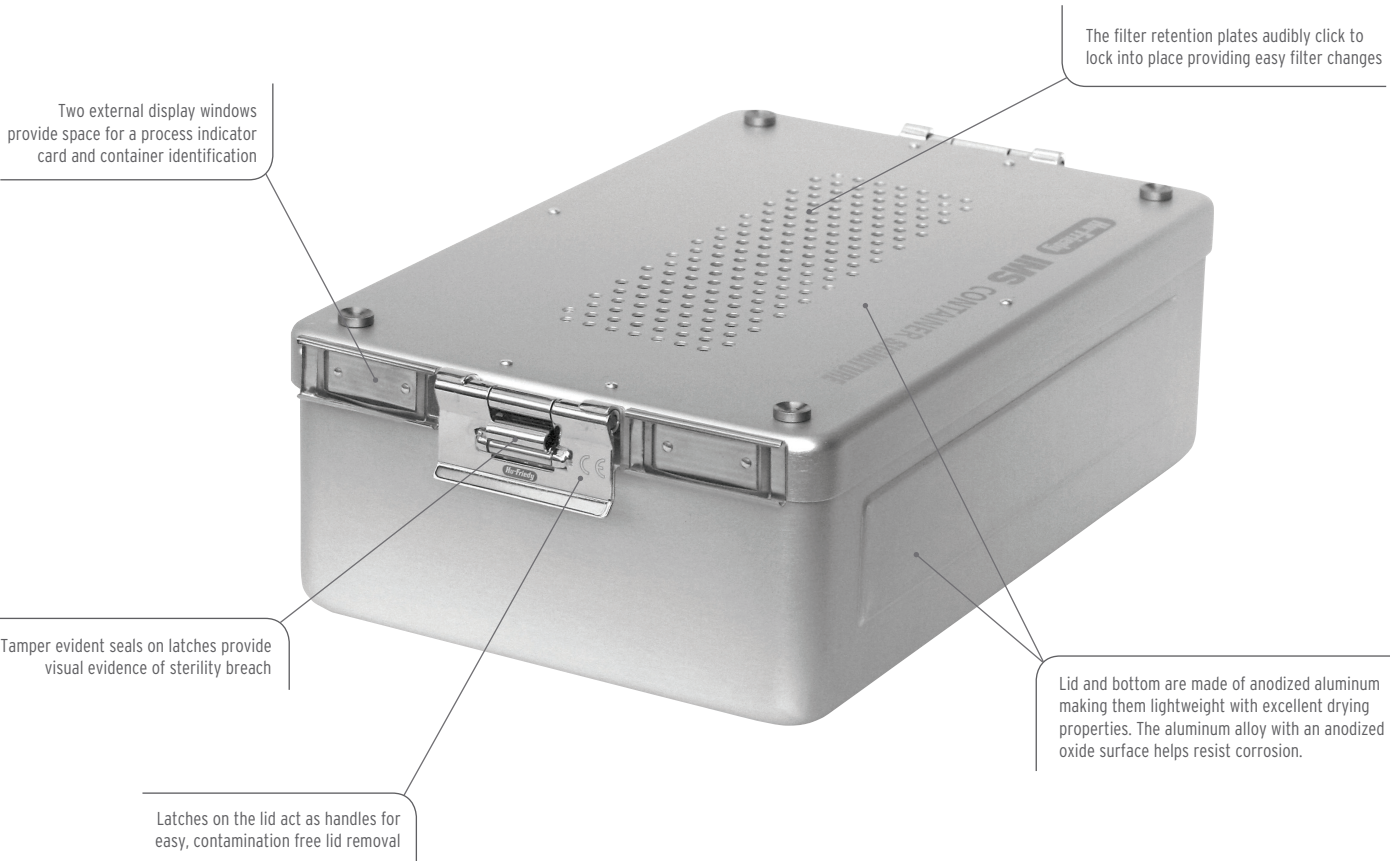
\*Reference: Centers for Disease Control and Prevention. Guidelines for Infection Control in Dental Health-Care Settings – 2003. MMWR 2003; 52 (No. RR-17): [pg. 24].





# 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 PRODUCTS

### STERILIZATION CONTAINER SYSTEM



Sterilization Container  
312 x 190 x 50 mm  
12-1/4" x 7-1/2" x 2"

| **IMDINCO0M**

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

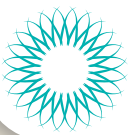
| **IMCO-INDNA**

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.



SANITIZERS

MOISTURIZER

SOAPS



### Hand Essentials™ Skin Repair Cream

Helps restore the skin's natural moisture balance

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

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

Olivamine is a registered trademark of McCord Research Inc.





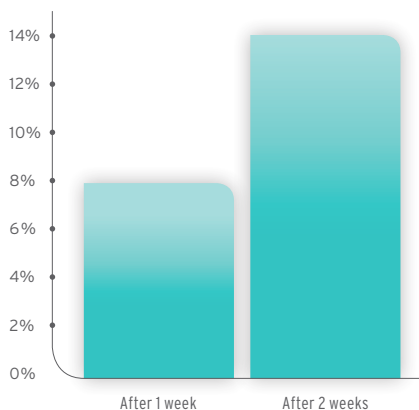


## HAND HYGIENE



### INCREASED SKIN HYDRATION

Sterillium Comfort Gel® significantly increases skin hydration after only one week of product usage compared to untreated skin.<sup>1</sup>



### Sterillium Comfort Gel® Hand Antiseptic

Scientifically proven, easy-to-use hand sanitizing gel

16.06 Fl oz (475 mL) Bottle w/Pump | **IMS-1504**

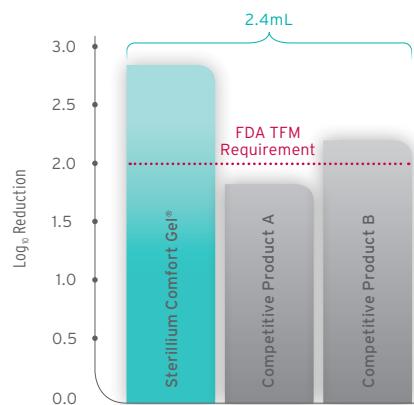
Sterillium Wall Bracket (for IMS-1504) 2/pk | **974730**

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

### 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<sup>2</sup> 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.<sup>3</sup> In vivo testing shows, use of only 2.4 mL of Sterillium Comfort Gel® exceeds the FDA TFM efficacy requirements.<sup>4</sup>



### 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

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.



Hu-Friedy 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 and whether you practice in the U.S. or Canada.

## INFECTION CONTROL STARTER PACKAGES

### UNITED STATES PACKAGES



#### Cassette User | ICSPCASS

Cassette Infection Control Starter Package

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| IMS Universal Wrap 20"x20" (100 Sheets)         | <a href="#">IMS-1216H</a>  |
| IMS Universal Wrap 15"x15" (100 Sheets)         | <a href="#">IMS-1215H</a>  |
| IMS Lead/Latex Free Autoclave Mon. Tape         | <a href="#">IMS-1460</a>   |
| IMS Integrator Strips (100/Pkg)                 | <a href="#">IMS-1241</a>   |
| SporeCheck, Starter Kit                         | <a href="#">IMS-1376</a>   |
| Enzymax Earth, 1 Gallon Bottle                  | <a href="#">IMS-1336</a>   |
| Pump for Enzymax Gallon Bottle                  | <a href="#">IMS-1226P</a>  |
| Sample Pack, Enzymax Earth Powder (Qty 2)       | <a href="#">IMS-1332SP</a> |
| Enzymax Spray Gel, 24 oz                        | <a href="#">IMS-1229</a>   |
| Team Vista Waterline Cleaner Combo Pack         | <a href="#">IMS-1450</a>   |
| Hand Essentials Skin Repair Cream, 2 oz (Qty 3) | <a href="#">IMS-1502</a>   |
| Sterillium Comfort Gel, 475 mL                  | <a href="#">IMS-1504</a>   |
| Hand Essentials Lotion Soap, 24 oz (Qty 2)      | <a href="#">IMS-1507</a>   |

#### Cassette User Expanded | ICSP

Cassette Infection Control Starter Package, Expanded

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| IMS Universal Wrap 20"x20" (500 Sheets)         | <a href="#">IMS-1216</a>   |
| IMS Universal Wrap 15"x15" (1000 Sheets)        | <a href="#">IMS-1215</a>   |
| IMS Lead/Latex Free Autoclave Mon. Tape (Qty 2) | <a href="#">IMS-1460</a>   |
| IMS Monitor Tape - Exam                         | <a href="#">IMS-1256</a>   |
| IMS Monitor Tape - Prophyl                      | <a href="#">IMS-1259</a>   |
| IMS Monitor Tape - Restorative                  | <a href="#">IMS-1247</a>   |
| IMS Monitor Tape - Endo                         | <a href="#">IMS-1255</a>   |
| IMS Multiple Tape Dispenser (9 Roll Cap.)       | <a href="#">IMS-1270</a>   |
| Steam Sterilization Integrators                 | <a href="#">IMS-1241</a>   |
| SporeCheck, Starter Kit                         | <a href="#">IMS-1376</a>   |
| Enzymax Earth, 1 Gallon                         | <a href="#">IMS-1336</a>   |
| Pump for Enzymax Gallon Bottle                  | <a href="#">IMS-1226P</a>  |
| Sample Pack Enzymax Earth Powder                | <a href="#">IMS-1332SP</a> |
| Enzymax Spray Gel, 24 oz                        | <a href="#">IMS-1229</a>   |
| Team Vista Waterline Cleaner Combo Pack         | <a href="#">IMS-1450</a>   |
| Cleaning Monitor Holder                         | <a href="#">IMS-1200H</a>  |
| Cleaning Monitors - Ultrasonic (50/Pkg)         | <a href="#">IMS-1200U</a>  |
| Hand Essentials Skin Repair Cream, 4 oz         | <a href="#">IMS-1501</a>   |
| Sterillium Comfort Gel, 16.06 oz                | <a href="#">IMS-1504</a>   |
| Hand Essentials Lotion Soap, 16 oz              | <a href="#">IMS-1507</a>   |



#### Non-Cassette User | ICSPCONSBL

Infection Control Starter Package

|                                           |                            |
|-------------------------------------------|----------------------------|
| IMS Bagette 3-1/2"x 9" (200 Pouches)      | <a href="#">IMS-1236</a>   |
| IMS Integrator Strips (100/Pkg)           | <a href="#">IMS-1241</a>   |
| SporeCheck, Starter Kit                   | <a href="#">IMS-1376</a>   |
| Enzymax Earth, 1 Gallon Bottle            | <a href="#">IMS-1336</a>   |
| Pump for Enzymax Gallon Bottle            | <a href="#">IMS-1226P</a>  |
| Sample Pack, Enzymax Earth Powder (Qty 2) | <a href="#">IMS-1332SP</a> |

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Enzymax Spray Gel, 24 oz                        | <a href="#">IMS-1229</a> |
| Team Vista Waterline Cleaner Combo Pack         | <a href="#">IMS-1450</a> |
| Hand Essentials Skin Repair Cream, 2 oz (Qty 3) | <a href="#">IMS-1502</a> |
| Sterillium Comfort Gel, 475 mL                  | <a href="#">IMS-1504</a> |
| Hand Essentials Lotion Soap, 16 oz (Qty 2)      | <a href="#">IMS-1507</a> |



# INFECTION CONTROL STARTER PACKAGES

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

## CANADIAN PACKAGES



### Cassette User | ICSPCASSCA

Cassette Infection Control Starter Package

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| IMS Universal Wrap 20"x20" (100 Sheets)          | <a href="#">IMS-1216H</a>  |
| IMS Universal Wrap 15"x15" (100 Sheets)          | <a href="#">IMS-1215H</a>  |
| IMS Lead/Latex Free Autoclave Mon. Tape          | <a href="#">IMS-1460</a>   |
| IMS Integrator Strips (100/Pkg)                  | <a href="#">IMS-1241</a>   |
| SporeCheck, Starter Kit                          | <a href="#">IMS-1376</a>   |
| Enzymax Earth, 1 Gallon Bottle                   | <a href="#">IMS-1336</a>   |
| Pump for Enzymax Gallon Bottle                   | <a href="#">IMS-1226P</a>  |
| Sample Pack, Enzymax Earth Powder (Qty 2)        | <a href="#">IMS-1332SP</a> |
| Enzymax Spray Gel, 24 oz                         | <a href="#">IMS-1229</a>   |
| VistaClean Irrigant Solution Concentrate (Qty 2) | <a href="#">IMS-1452</a>   |
| Hand Essentials Skin Repair Cream, 2 oz (Qty 3)  | <a href="#">IMS-1502CA</a> |
| Hand Essentials Lotion Soap, 16 oz (Qty 2)       | <a href="#">IMS-1507CA</a> |

### Cassette User Expanded | ICSPCA

Cassette Infection Control Starter Package, Expanded

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| IMS Universal Wrap 20"x20" (500 Sheets)          | <a href="#">IMS-1216</a>   |
| IMS Universal Wrap 15"x15" (1000 Sheets)         | <a href="#">IMS-1215</a>   |
| IMS Lead/Latex Free Autoclave Mon. Tape (Qty 2)  | <a href="#">IMS-1460</a>   |
| IMS Monitor Tape - Exam                          | <a href="#">IMS-1256</a>   |
| IMS Monitor Tape - Prophecy                      | <a href="#">IMS-1259</a>   |
| IMS Monitor Tape - Restorative                   | <a href="#">IMS-1247</a>   |
| IMS Monitor Tape - Endo                          | <a href="#">IMS-1255</a>   |
| IMS Multiple Tape Dispenser (9 Roll Cap.)        | <a href="#">IMS-1270</a>   |
| Steam Sterilization Integrators                  | <a href="#">IMS-1241</a>   |
| SporeCheck, Starter Kit                          | <a href="#">IMS-1376</a>   |
| Enzymax Earth, 1 Gallon                          | <a href="#">IMS-1336</a>   |
| Pump for Enzymax Gallon Bottle                   | <a href="#">IMS-1226P</a>  |
| Enzymax Spray Gel, 24 oz                         | <a href="#">IMS-1229</a>   |
| VistaClean Irrigant Solution Concentrate (Qty 2) | <a href="#">IMS-1452</a>   |
| Cleaning Monitor Holder                          | <a href="#">IMS-1200H</a>  |
| Cleaning Monitors - Ultrasonic (50/Pkg)          | <a href="#">IMS-1200U</a>  |
| Hand Essentials Skin Repair Cream, 2 oz          | <a href="#">IMS-1502CA</a> |
| Hand Essentials Lotion Soap, 16 oz               | <a href="#">IMS-1507CA</a> |



### Non-Cassette User | ICSPCONSCA

Infection Control Starter Package

|                                      |                           |
|--------------------------------------|---------------------------|
| IMS Bagette 3-1/2"x 9" (200 Pouches) | <a href="#">IMS-1236</a>  |
| IMS Integrator Strips (100/Pkg)      | <a href="#">IMS-1241</a>  |
| SporeCheck, Starter Kit              | <a href="#">IMS-1376</a>  |
| Enzymax Earth, 1 Gallon Bottle       | <a href="#">IMS-1336</a>  |
| Pump for Enzymax Gallon Bottle       | <a href="#">IMS-1226P</a> |

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| Sample Pack, Enzymax Earth Powder (Qty 2)        | <a href="#">IMS-1332SP</a> |
| Enzymax Spray Gel, 24 oz                         | <a href="#">IMS-1229</a>   |
| VistaClean Irrigant Solution Concentrate (Qty 2) | <a href="#">IMS-1452</a>   |
| Hand Essentials Skin Repair Cream, 2 oz (Qty 3)  | <a href="#">IMS-1502CA</a> |
| Hand Essentials Lotion Soap, 16 oz (Qty 2)       | <a href="#">IMS-1507CA</a> |





## 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 of 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-paced 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/ disinfecter = One-Two 10" + chambers or one very large sterilizer

## HUSAVE<sup>SM</sup> 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**

\*Available in the US only

### 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

The HUSAVE Program includes the following product categories:



Cleaning and Care Products



Sterilization Products



Hand Care Products



Sutures and Scalpel Blades



## 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  
3232 N. Rockwell St.  
Chicago, IL 60618

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 A33

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 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](http://Hu-Friedy.com/IMSwarranty)

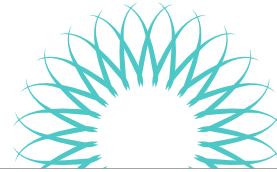
### TROUBLESHOOTING: REPROCESSING DO'S AND DON'TS

#### 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 separate sterilization pouches.

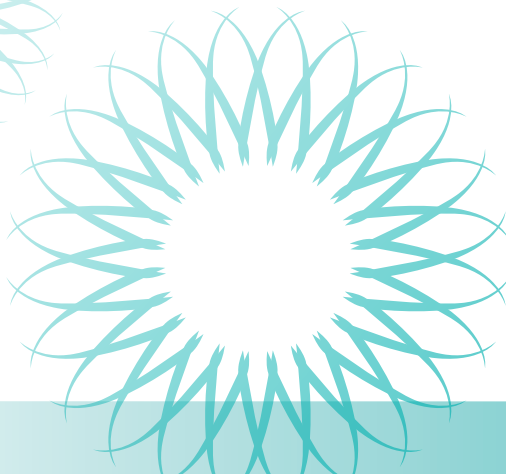
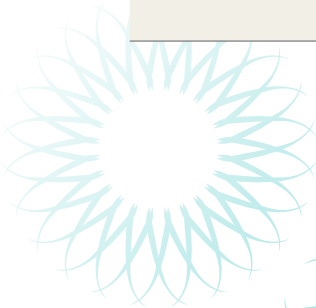
#### DON'T

- ...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.



## TROUBLESHOOTING

| Problem  | Cause                                                                                                                                                                                                                                         | Prevention                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spotting | <ul style="list-style-type: none"><li>• Insufficient rinsing after ultrasonic cleaning</li><li>• Insufficient drying after ultrasonic cleaning</li><li>• Not changing ultrasonic solution</li><li>• Sterilizer has not been cleaned</li></ul> | <ul style="list-style-type: none"><li>• Rinse thoroughly under steady stream of water for 30 seconds. Use distilled water if possible</li><li>• Rinse with hot water</li><li>• Optional: Dip cassettes in alcohol after rinsing</li><li>• Solution should be changed at least once a day</li><li>• Follow manufacturer's guidelines for maintenance and cleaning</li><li>• Use only distilled water for reservoir</li></ul> |
| Rust     | <ul style="list-style-type: none"><li>• Corrosion from carbon steel instruments spreads to stainless steel instruments</li><li>• Abrasion can destroy the chromium/oxide surface</li><li>• Sterilizer not clean</li></ul>                     | <ul style="list-style-type: none"><li>• Separate stainless and carbon instruments</li><li>• For carbon steel instruments: Dip in pre-sterilization solution as suggested by sterilizer manufacturer</li><li>• Lubricate joints and lock area</li><li>• Follow manufacturer's guidelines for maintenance and cleaning</li></ul>                                                                                              |
| Pitting  | <ul style="list-style-type: none"><li>• Chemical attack on instruments</li><li>• Chlorides (water leakage from water softener or additives containing chlorides)</li><li>• Organic residues (blood, saliva, sweat)</li></ul>                  | <ul style="list-style-type: none"><li>• Rinse and dry instruments thoroughly</li><li>• Use approved cleaning and sterilization solutions only, never use household bleach or stain and tartar remover</li><li>• Use demineralized or distilled water in final rinse</li><li>• Use approved cleaning and sterilization solutions only. Never use bleach, tartar or cement remover</li></ul>                                  |







## TROUBLESHOOTING

| Problem                           | Cause                                                 | Prevention                                                                                                                                                                                                              |
|-----------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Staining (Resin cassettes)</b> |                                                       |                                                                                                                                                                                                                         |
| • Black/<br>Purple                | • Amalgam left in carrier                             | • Thoroughly remove amalgam or other compounds from the instrument prior to processing<br>• 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/<br>Brown                | • Sterilizer has not been cleaned                     | • Change reservoir water once a week<br>• 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/<br>Blue                  | • Sterilizer has not been cleaned                     | • Regularly clean chamber and filters according to manufacturer's instructions                                                                                                                                          |
| • Turning<br>Matte<br>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                                                                                                                                                      |
| <b>Cassette Issues</b>            |                                                       |                                                                                                                                                                                                                         |
| • Broken<br>Hinges                | • Overloading/<br>improperly placed instruments       | • Instruments should not protrude from cassette<br>• Only light force is needed to close the cassette                                                                                                                   |
|                                   | • Improperly placed rails                             | • Do not reposition resin cassette rails                                                                                                                                                                                |
| • Wet<br>Packs                    | • Insufficient drying before or during sterilization  | • Thoroughly dry cassette after cleaning, before wrapping<br>• Crack open autoclave sterilizer door during dry cycle<br>• <i>Optional:</i> After sterilization cycle, leave cassettes in warm sterilizer for 10 minutes |
|                                   | • Improper loading of cassettes in sterilizer         | • Do not overpack sterilizer<br>• Keep cassettes slightly separated within the chamber<br>• Always use sterilizer's cassette rack                                                                                       |