INSTRUMENT MANAGEMENT

Hu-Friedy

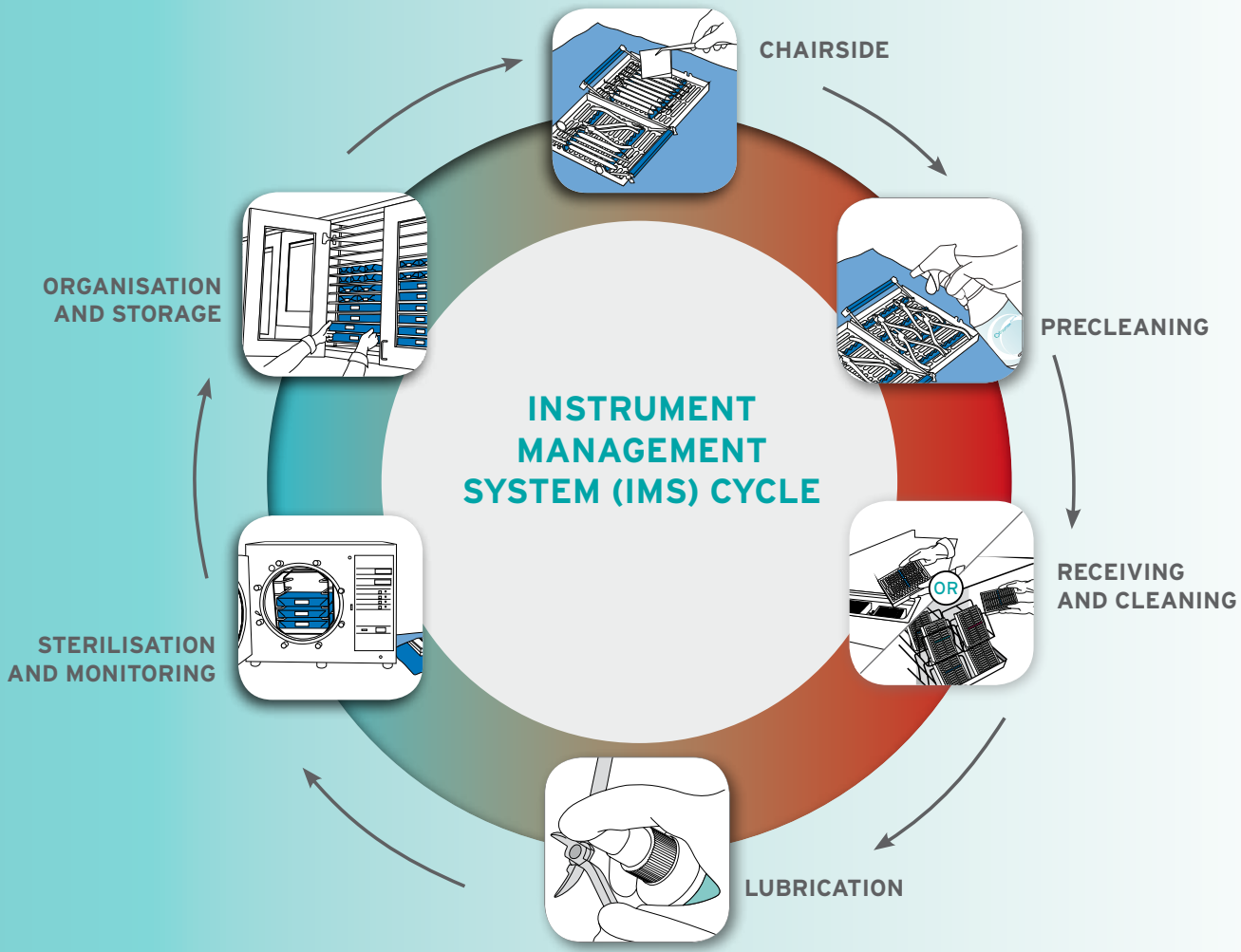
INSTRUMENT **MANAGEMENT** & INFECTION **PREVENTION**

PRODUCT CATALOGUE & REFERENCE GUIDE

How the best perform Hu-Friedy®

HU-FRIEDY'S
INSTRUMENT MANAGEMENT SYSTEM CYCLE

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



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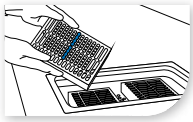
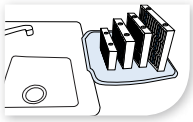
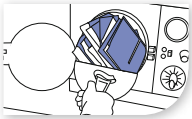
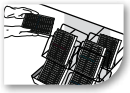
Efficiency = Time = Money

Current IMS offices save 5 to 10 minutes per procedure*

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

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

**  When a thermodisinfector is used, greater time savings can be achieved.

ORGANISATION

- Organises instruments, accessories and disposables by procedure
- Color-coded cassettes and instruments by procedure or type of user
- Simply locate and identify clearly marked cassettes
- Professional chairside image through presentation of sterile packages
- Less counter space required vs. trays

SAFETY

- Minimised handling of contaminated sharps reducing risk of injury and exposure to blood borne pathogens
- Hand scrubbing virtually eliminated, reducing risk of injury and exposure to blood borne pathogens
- Safer transportation of soiled instruments reducing risk of injury and exposure to blood borne pathogens

INSTRUMENT INTEGRITY

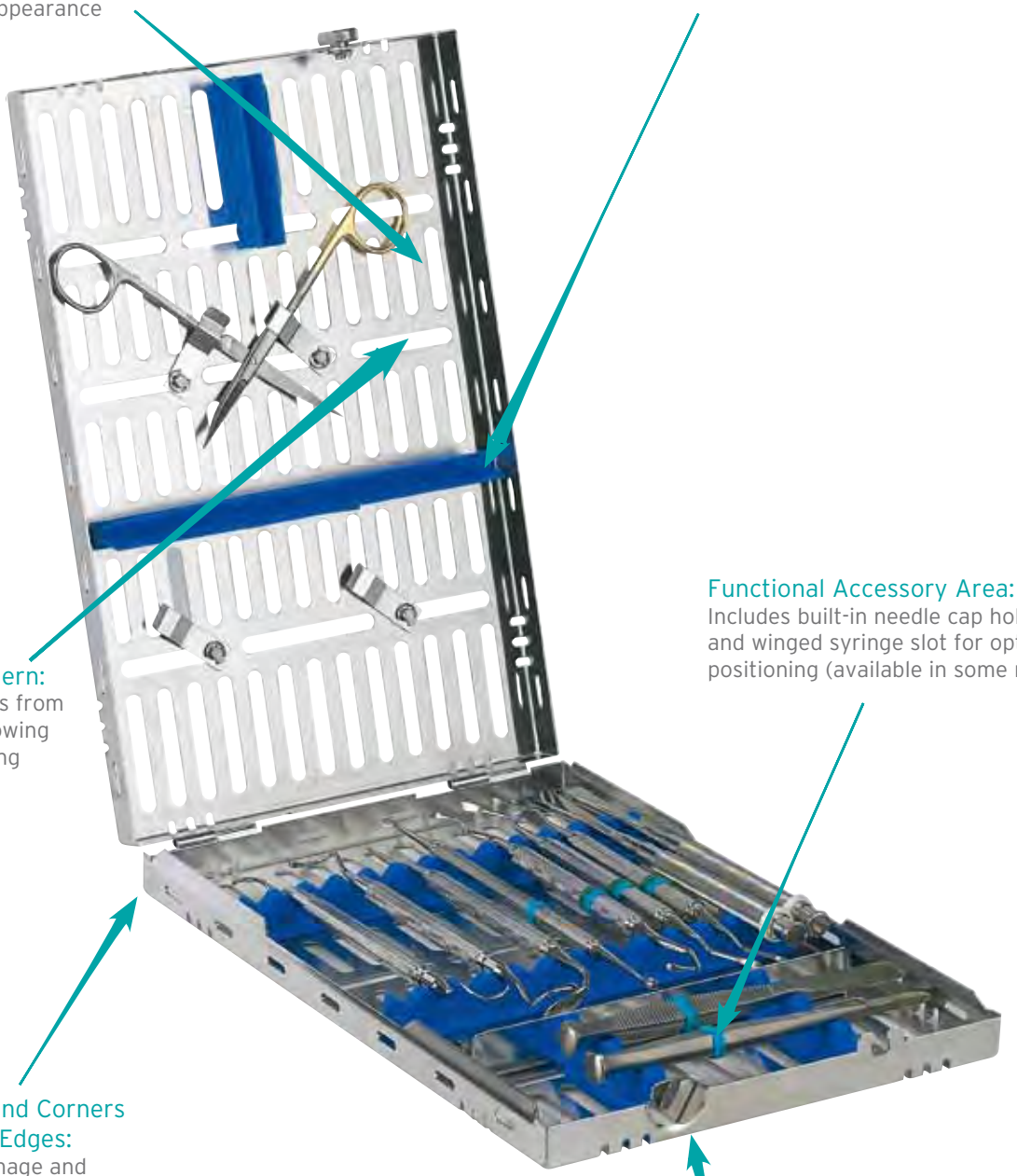
- Potential damage (bending, breaking, etc.) is reduced by storing instruments in cassettes
- Cassette system reduces potential for lost or misplaced instruments
- Instruments held securely in proper cleaning positions (i.e., hinged instruments in open position) for optimal cleaning

EFFICIENCY

- Enhanced chairside efficiency and easy training with standardised procedural set-ups
- Reduced set-up time with organised storage of instruments within procedural labeled cassettes
- Cassettes can be placed into automated washer, ultrasonic bath and autoclave for facilitated cleaning and sterilisation
- Reduced need for manual sorting of instruments into pouches
- Cleaning time reduced, allowing for a more productive team

Electropolish:
Provides a protective sheet against corrosion and a professional appearance

Durable Silicone Rails:
Specifically designed to safeguard instruments from damage during processing



Efficient Hole Pattern:
Protects instruments from protrusion while allowing for enhanced cleaning and sterilisation

Functional Accessory Area:
Includes built-in needle cap holder and winged syringe slot for optimized positioning (available in some models)

Smooth Round Corners and Slotted Edges:
Increase drainage and reduce drying time

Positive Locking Mechanism:
Provides a visual indication that cassette is locked for safety

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

CALCULATE YOUR TIME SAVED

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

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

CALCULATE YOUR POTENTIAL REVENUE PER DAY

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

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

POTENTIAL ADDED REVENUE PER DAY

Revenue Per Day	€1,000	€2,000	€3,000	€4,000	€5,000
10	€104	€208	€313	€417	€521
20	€208	€417	€625	€833	€1,042
30	€313	€625	€938	€1,250	€1,563
40	€417	€833	€1,250	€1,667	€2,083
50	€521	€1,042	€1,563	€2,083	€2,604

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

Based on an average; it can be different upon countries.

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

DID YOU KNOW?

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

SIGNATURE SERIES® CASSETTES are made of long-lasting, low-maintenance stainless steel. Soft, colored silicone rails securely hold instruments throughout the processing cycle.

IMDIN13_
1/1 DIN CASSETTE FOR 13 INSTRUMENTS

Dimensions: 290 x 184 x 34 mm

Red	IMDIN130
Grey	IMDIN131
White	IMDIN132
Orange	IMDIN133
Yellow	IMDIN135
Pink	IMDIN136
Blue	IMDIN138
Green	IMDIN139

DIN cassette for 13 instruments plus additional space, e.g. for 2 Langenbeck retractors, ideal for surgery.

IMDIN13_S
1/1 DIN CASSETTE FOR 18 INSTRUMENTS

Dimensions: 290 x 184 x 34 mm

Red	IMDIN130S
Grey	IMDIN131S
White	IMDIN132S
Orange	IMDIN133S
Yellow	IMDIN134S
Pink	IMDIN136S
Blue	IMDIN138S
Green	IMDIN139S

DIN Cassette for 18 Instruments plus additional.
For surgery + Clips for 2 hinged instruments.

IMDIN16_
1/1 DIN CASSETTE FOR 16 INSTRUMENTS

Dimensions: 290 x 184 x 34 mm

Red	IMDIN160
Grey	IMDIN161
White	IMDIN162
Orange	IMDIN163
Yellow	IMDIN165
Pink	IMDIN166
Blue	IMDIN168
Green	IMDIN169

DIN cassette for 16 instruments plus additional space.
For composite, endodontics prosthetics, prophylactics and amalgam.
For surgery + Clips for 2 hinged instruments.

IMDIN20_
1/1 DIN CASSETTE FOR 20 INSTRUMENTS

Dimensions: 290 x 184 x 34 mm

Red	IMDIN200
Grey	IMDIN201
White	IMDIN202
Orange	IMDIN203
Yellow	IMDIN205
Pink	IMDIN206
Blue	IMDIN208
Green	IMDIN209

DIN cassette for 20 instruments, can be used universally.

Din cassettes do not fit in containers.

IM12DIN10_
1/2 DIN CASSETTE FOR 10 INSTRUMENTS

Dimensions 152 x 184 x 34 mm

Red	IM12DIN100
Grey	IM12DIN101
White	IM12DIN102
Orange	IM12DIN103
Yellow	IM12DIN105
Pink	IM12DIN106
Blue	IM12DIN108
Green	IM12DIN109

1/2 DIN cassette for 10 instruments, ideal for prophylactics.

IM12DIN8_
1/2 DIN CASSETTE FOR 8 INSTRUMENTS

Dimensions 152 x 184 x 34 mm

Red	IM12DIN80
Grey	IM12DIN81
White	IM12DIN82
Orange	IM12DIN83
Yellow	IM12DIN85
Pink	IM12DIN86
Blue	IM12DIN88
Green	IM12DIN89

1/2 DIN cassette for 8 instruments plus additional space.
Ideal for diagnostics and prophylactics.

IM14DIN5_
1/4 DIN CASSETTE FOR 5 INSTRUMENTS

Dimensions 72 x 184 x 34 mm

Red	IM14DIN50
Grey	IM14DIN51
White	IM14DIN52
Orange	IM14DIN53
Yellow	IM14DIN55
Pink	IM14DIN56
Blue	IM14DIN58
Green	IM14DIN59

1/4 DIN cassette for 5 instruments, for diagnostics and prophylactics.

IM812_E
SIGNA-STAT CASSETTE FOR 12 INSTRUMENTS

Dimensions 268 x 176 x 34 mm

Red	IM8120E
Grey	IM8121E
White	IM8122E
Orange	IM8123E
Yellow	IM8125E
Pink	IM8126E
Blue	IM8128E
Green	IM8129E

Statim cassette for 12 instruments + additional space, compatible with STATIM sterilisers, with space for one Langenbeck retractor, fits into all DIN sterilisation containers.

Din cassettes do not fit in containers.

STATIM is a rgistered Trademark of SciScan, Inc.

IMDINORTH_
1/1 DIN ORTHODONTIC CASSETTE

Dimensions: 290 x 184 x 34 mm.

Red	IMDINORTH0
Grey	IMDINORTH1
White	IMDINORTH2
Orange	IMDINORTH3
Yellow	IMDINORTH5
Pink	IMDINORTH6
Blue	IMDINORTH8
Green	IMDINORTH9

Holds up to 6 pliers and 3 hand instruments.

IM914_OR
TWO-TIER SMALL ORTHODONTIC CASSETTE

Dimensions: 114 x 203 x 38 mm

Red	IM9140-OR
White	IM9142-OR
Orange	IM9143-OR
Yellow	IM9145-OR
Pink	IM9146-OR
Blue	IM9148-OR
Green	IM9149-OR

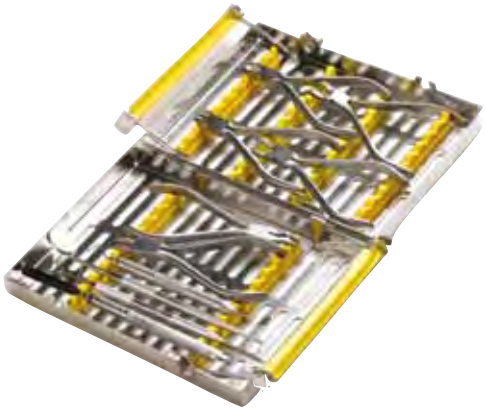
Holds up to 4 pliers, a Mathieu needle holder and 2 hand instruments.

IM920_OR
TWO-TIER LARGE ORTHODONTIC CASSETTE

Dimensions: 152 x 246 x 38 mm

Red	IM9200-OR
Orange	IM9203-OR
Yellow	IM9205-OR
Pink	IM9206-OR
Blue	IM9208-OR
Green	IM9209-OR

Holds up to 6 pliers, a Mathieu needle holder and 3 hand instruments.



IM520_OR
TWO-TIER LARGE ORTHODONTIC CASSETTE

Dimensions: 152 x 203 x 38 mm

Red	IM5200-OR
Grey	IM5201-OR
White	IM5202-OR
Orange	IM5203-OR
Yellow	IM5205-OR
Pink	IM5206-OR
Blue	IM5208-OR
Green	IM5209-OR

Holds up to 6 pliers, a Mathieu needle holder and 3 hand instruments.

Din cassettes do not fit in containers.

IMDINOST
1/1 DIN BONE SPREADING CASSETTE

Dimensions: 290 x 184 x 34 mm
DIN Cassette for Bone Spreading Kit (for 25 Osteotomes and 2 handles)

IM12DINOST
1/2 DIN BONE SPREADING CASSETTE

Dimensions: 152 x 184 x 34 mm
1/2 DIN Cassette for Bone Spreading Kit (for 10 Osteotomes and 2 handles)

DID YOU KNOW?

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

ORGANISATION: RAILS*

CR108

IR108

Reference		
IM12DIN10_	2xIR10_	1xCR10_
IM12DIN8_	2xIR8_	1CR8_
IM14DIN5_	2xIR5_	1xCR5_
IMDIN13_	2xIR8_	1xCR8_
	2xIR5_	1xCR5_
IMDIN16_	4xIR8_	2xCR8_
IMDIN20_	4xIR10_	2xCR10_
IMDINOST	2xIR55	1xCR55
	2xIR58	1xCR58
	2xIR50	1xCR50
	2xIR59	1xCR59
	2xER8	1xCR48

Reference		
IM12DINOST	2xIR55	1xCR55
	2xIR58	1xCR58
	2xER8	1xCR48
IMDIN13_S	2xIR8_	1xCR8_
	2xIR5_	1xCR5_
	2xIR5_	1xCR5_
	2x1000	
IMDINORTH	9xTTIR7_	2xCR5_
		4xCR8_

Colour	Nr.	IR_	CR_	ER_	TTRI_
Red	0	✓	✓	✓	
Grey	1	✓	✓		✓
White	2	✓	✓		✓
Orange	3	✓	✓	✓	✓
Yellow	5	✓	✓	✓	✓
Pink	6	✓	✓		
Blue	8	✓	✓	✓	✓
Green	9	✓	✓		

* Without CE

Din cassettes do not fit in containers.

HU-FRIEDY STERILE CONTAINER SYSTEM is a valid alternative to the traditional woven or non-woven wrapping materials used to package dental instruments for sterilisation and storage.

DIN CONTAINER FOR MAX. 1 CONTAINER CASSETTE

Dimensions: 312 x 190 x 50 mm

DIN Container	IMDINCO0M

Dimensions: 312 x 190 x 65 mm

DIN Container	IMDINCO1M

DIN CONTAINER FOR MAX. 2 CONTAINER CASSETTES

Dimensions: 312 x 190 x 100 mm

DIN Container	IMDINCO2M

Top and bottom with filter.

DIN CONTAINER FOR MAX. 3 CONTAINER CASSETTES

Dimensions: 312 x 190 x 135 mm

DIN Container	IMDINCO3M

Top and bottom with filter.

CONTAINER CASSETTE FOR 12 INSTRUMENTS

Dimensions: 268 x 176 x 34 mm.
Fits for all DIN sterilisation containers.

Red	IMCC120
Grey	IMCC121
White	IMCC122
Orange	IMCC123
Yellow	IMCC125
Pink	IMCC126
Blue	IMCC128
Green	IMCC129

Container Cassette with handle on lid and filter outlets.
For 12 Instruments, 2 clips for hinged instruments and accessory space.

STERILISATION CONTAINER PERMANENT TEFLON FILTERS (PTFE)

Dimensions: 95 x 215 mm

2 units	IMCO-FIL1M

Usable for up to 1200 sterilisation cycles.

INDICATORS/LABELS

100 units	IMCO-IND

SEALING

100 units	IMCOM-SEAL

Single use.

IMCO-C_C IDENTIFICATION PLATES CUSTOM ENGRAVED

Please indicate desired engraving when ordering

Red	IMCO-C0C
Orange	IMCO-C3C
Gold	IMCO-C4C
Blue	IMCO-C8C
Green	IMCO-C9C

DISPOSABLE FABRIC FILTER

Dimensions: 118 x 235 mm

100 units	IMCO-FIL2M

With indicator.

BARCODE LABEL

Neutral (without text)	IMS-COBL

For reading sterilisation containers and sterilisation inventory.
HIBC UIM-Standard, label with guide rail, attachment in standard slot.
50 mm x 18 mm, 4 mm thick. Material: PPSU white, carbonizable.
Designed to withstand type B steam sterilisation up to 140°C.

The barcode label is also available for cassettes (see page 12).

WRAPPING CLOTH SMALL SIZE, GREEN

Dimensions: 650 x 650 mm

1 unit	IMCO-OP1

For Container IMDINCO1M and IMDINCO2M, 1 unit.

WRAPPING CLOTH LARGE SIZE, GREEN

Dimensions: 850 x 700 mm

1 unit	IMCO-OP2

For Container IMDINCO3M, 1 unit.

IMS PARTS BOX

IMS Large Parts Box	IMS-1273

Exterior Dimensions:
89mm x 29mm x 25mm

IMS Small Parts Box	IMS-1271

Exterior Dimensions:
40mm x 32mm x 25mm

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

IMS ENDODONTIC STAND

Holds 24	IMS-1275
Holds 48	IMS-1275D

Exterior Dimensions:
67mm x 57mm x 30mm

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

IMS RUBBER DAM CLAMP ORGANISING BOARD

RDC Organising Board	RDCOB

Dimensions:
117mm x 61mm x 10mm

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

IMS SIGNATURE SERIES CASSETTE BARCODE CLIP

Snap-on Barcode for outside of Cassettes	IMS-CABL

Dimensions:
19mm x 57.4mm x 1.7mm

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 sterilisation cycles.

DID YOU KNOW?

Using Hu-Friedy cassettes can save you more space in your sterilisation area.

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

IMS BUR CUSHIONS

IMS Bur Cushion Short Lid	IMS-1372S

Holds 12 burs
Exterior Dimensions:
84mm x 33mm x 22mm

IMS 1/2 Bur Cushion Short Lid	IMS-1372SH

Holds 6 burs
Exterior Dimensions:
44mm x 33mm x 22mm

Replacement silicone block	PTI-0041

IMS Bur Cushion Tall Lid	IMS-1372T

Holds 12 burs
Exterior Dimensions:
84mm x 62mm x 22mm

IMS 1/2 Bur Cushion Tall Lid	IMS-1372TH

Holds 6 burs
Exterior Dimensions:
44mm x 62mm x 22mm

Replacement silicone block	PTI-0040

A hollow, rectangular, silicone base with a stainless steel lid that is designed to hold burs securely in place during cleaning and sterilisation.

Hollow design allows drainage and proper cleaning.

CLIPS FOR HINGED INSTRUMENTS

2 Hinged Instrument Clips	IM1000
6 Hinged Instrument Clips	IM1002

Hold scissors, needleholders, hemostats and suction/rinsing injector tips safely in their position. Instruments with fixed opened hinges and clasps can thus be effectively cleaned and sterilised without a risk of injury. Compatible with every IMS Signature series cassette.

NEEDLE CAP HOLDER

2 Needle Cap Holders	IM1001
Needle Cap Holders	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.

AIR WATER SYRINGE CLIPS FOR SIGNATURE SERIES® CASSETTES

Signature Series Air/Water Clip	IM1005

Designed to fit large or small Signature Series Cassettes.

Signature Series Double-Decker Cassette Air/Water Clip	IM1006

Designed to fit Double-Decker Signature Series Cassette.

Signature Series IMS clips can be permanently installed in your cassettes.

IMS COLOR CODE INSTRUMENT RINGS

IMS COLOR CODE INSTRUMENT RINGS are silicone rubber rings for identifying and organising instruments. Useful for maintaining proper instrument order in cassettes and identifying instruments by procedure. Will withstand all heat sterilisation methods.

	REGULAR Use on 2 and 4 Handles	LARGE Use on 6, 7, 8 and 9 Handles
Assorted Colors	IMS-1280	IMS-1280L
Grey	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
Purple	IMS-12811	IMS-12811L

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

SIGNATURE SERIES® GRIPS

Signature Series grips can only be used with Satin Steel Colours®, EverEdge® technology and ResinEight™ instruments, and are used for identifying and organising instruments. Useful for maintaining proper instrument order in cassettes and identifying instruments by procedure. Will withstand all approved heat sterilisation methods.

Grey	SSG1	Blue	SSG8
White	SSG2	Black	SSG9
Orange	SSG3	Pink	SSG10
Brown	SSG4	Purple	SSG11
Yellow	SSG5	Ocean Blue	SSG12
Red	SSG6	16 Assorted	SSG0
Green	SSG7	80 Assorted	SSGMULTI

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

IMS COLOR TABS

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

Assorted Colors	IMS-1290
Grey	IMS-1291
White	IMS-1292
Orange	IMS-1293
Brown	IMS-1294
Yellow	IMS-1295
Red	IMS-1296
Green	IMS-1297
Blue	IMS-1298
Black	IMS-1299
Pink	IMS-12910
Purple	IMS-12911

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

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

Specially designed polyester pressure-sensitive labels for permanent cassette identification.

IMS Cassette I.D. Labels	IMS-1234

50 per package.

IMS I.D. Marker	IMS-1235

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

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 Microban® Antimicrobial product protection.*

SIGNATURE SERIES™ COMPLETE TUB

32,4 x 28,4 x 10,2 cm

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
Grey	IMS-1401
White	IMS-1402
Orange	IMS-1403
Yellow	IMS-1405
Purple	IMS-1406
Blue	IMS-1408
Green	IMS-1409

SIGNATURE SERIES TUB

31,1 x 27,6 x7cm

Red	IMS-1410
Grey	IMS-1411
White	IMS-1412
Orange	IMS-1413
Yellow	IMS-1415
Purple	IMS-1416
Blue	IMS-1418
Green	IMS-1419

DIVIDED SLIDE TRAY*

24,8 x 13,7 x 2,7cm IMS-1421

- Can be used to store cotton rolls, cotton squares, clamps, syringe tips, etc.

LOCKING TUB COVER*

32,4 x 28,4 x 7cm IMS-1420

- Protects items from airborne materials during transportation and storage

FLAT SLIDE TRAY*

24,8 x 13,7 x 2,7cm IMS-1422

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

TUB INSERT

24,8 x 27,3 x 2,6cm IMS-1423

- The insert features 10 compartments for easy organisation of tub materials
- Sits on rim of tub allowing for storage underneath

DIVIDERS

32,4 x 28,4 x 3,5 cm IMS-1427

- Includes 8 dividers

TUB LINER*

24,5 x 22,5 x 0,3cm IMS-1428

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

*Clear components and Tub Liner do not contain Microban®

SIGNATURE SERIES TUB CUPS AND COVERS can be used to store brushes, clamps, cotton pellets, syringe tips, prophy paste, prophy angle tips, pumice, implant tools, etc.

SINGLE TUB CUP WITH COVER*

5,7 x 4,1 x 3cm — IMS-1424

DOUBLE TUB CUP W/ COVER*

8,6 x 5,7 x 3cm — IMS-1425

LONG TUB CUP WITH COVER*

21,2 x 5,7 x 3cm — IMS-1426

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

**Clear components and Tub Liner do not contain Microban®*

SIGNATURE SERIES CLIP-ON HOLDERS

Capsule Clip-On Holder

Syringe Clip-On Holder

CAPSULE CLIP-ON HOLDER

20,3 x 6,4 x 1,9cm — 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

20,3 x 6,7 x 1,9cm — 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

22,9 x 12,1 x 6,4cm — 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

21,6 x 6 x 1,9cm — IMS-1432

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

SIGNATURE SERIES RACKS

- Metal, chrome construction
- Both sized racks have fully adjustable width
- Hold either Signature Series Tubs or Signature Series Cassettes
- Non-slip feet
- Includes fasteners to secure and stabilize rack
- Easy assembly

Adjustable Rack

Standard Rack

IMS-1433
SIGNATURE SERIES ADJUSTABLE 3 TUB RACK

MIN 27,9 - MAX 40,5 x 28 x 3,3cm — IMS-1433

- Hold 3 Signature Series Tubs or 6 Signature Series Cassettes
- Adjustable to various widths

IMS-1434
SIGNATURE SERIES ADJUSTABLE 4 TUB RACK

38 x 40,5 x 48cm — IMS-1434

- Holds 4 Signature Series Tubs or 8 Signature Series Cassettes
- Adjustable to various widths

MICROBAN® ANTIMICROBIAL PRODUCT PROTECTION

Microban protection is integrated into the tub and tub components during the manufacturing process. Microban technology works by interrupting key cell functions that allow the microorganisms to function, grow and reproduce. Microban 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.

ENZYMAX® DUAL ENZYME ULTRASONIC DETERGENT specifically formulated for efficient ultrasonic cleaning or pre-soaking of cassettes and instruments. Contains Steelgard™ agents to protect instruments from harmful minerals naturally found in water that contribute to buildup, spotting and corrosion. Can also be used as an evacuation system cleaner.

ENZYMAX LIQUID

Box of 40 Liquid Packets	IMS-1222
Box of 40 Packets of 10 ml (makes ca. 140 liters)	
Quart Bottle	IMS-1224
Quart bottle, 950 ml, with pump (makes ca. 120 liters)	
Quart Pump	IMS-1224P
Pump for 950 ml Bottle (free of charge, please order)	
Gallon bottle, 3,8 l	IMS-1226
(makes ca. 480 litres)	
Gallon Pump, 3,8 l	IMS-1226P

ENZYMAX SPRAY GEL

24 fl. oz/709 ml	IMS-1229

450 Sprays

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.

ENZYMAX POWDER

1.76LB/800g Powder	IMS-1230
Makes 50 Gallons/189 liters	
6 containers of 1.76LB/800g Powder	IMS-1230C
Makes 300 Gallons/1,134 liters	

ENZYMAX PAX® SINGLE USE PACKETS

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

ENZYMAX EARTH™ DUAL ENZYME ULTRASONIC DETERGENT

Enzymax Earth offers the same superior cleaning attributes as Enzymax, plus an increased awareness of our environment. While all Enzymax products are biodegradable and phosphate free, Hu-Friedy's line of green detergents, Enzymax Earth, presents less bioaccumulation potential and contains enzyme stabilizers that are safer for the environment.

ENZYMAX EARTH LIQUID

Gallon Bottle	IMS-1336
Makes 128 Gallons/485 liters	

ENZYMAX EARTH PAX® SINGLE USE PACKETS

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

HU-FRIEDY SOCIAL RESPONSIBILITY

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

Hu-Friedy is proud to join a number of proactive, forward-thinking companies who are working together to ensure a better future for our planet with environmentally friendly programs and products. Our internal effort includes a recycling program in which we recycled over 22,000 Kg of paper, 17,000 Kg of cardboard and over 454 Kg of batteries.

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

ENZYMAX EARTH™ Detergent Enjoy all of the same great benefits of Enzymax detergents with Enzymax Earth detergents, as an increased focus on the environment.

LEAD & LATEX FREE Autoclave Tape Making it safe for the environment, your staff and your patients and does not require special hazardous disposal. (See page 19)

SHINE reNEW™ PRODUCT

Effectively removes stain and rust, restoring the luster to instruments.

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
- To be used only on copper, brass, anodized aluminum stainless steel and tungsten carbide.

INSTRUMENT LUBRICANTS

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

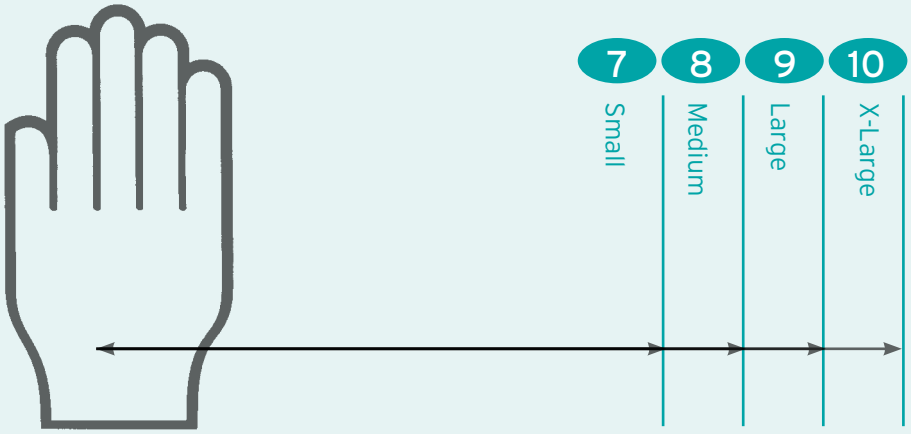
The Penetrating Oil and Instrument Lubricant come in a convenient non-aerosol pump bottle.

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

LILAC UTILITY GLOVES

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

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



USE THIS CHART TO DETERMINE YOUR APPROPRIATE GLOVE SIZE

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

IMS TAPE DISPENSERS

IMS Tape Dispenser	IMS-1270

27,3 x 15,9 x 19,4cm
Holds up to 9 rolls of IMS Monitor Tape.

IMS Mini Tape Dispenser	IMS-1270H

11,1 x 15,9 x 19,4cm
Holds up to 4 rolls of IMS Monitor Tape.

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

IMS MONITOR TAPE

Strong 1,9cm 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. 55m per roll.

PROCEDURE

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

IMS LEAD AND LATEX FREE MONITOR TAPE

19mm	IMS-1460

Safe for the environment, your staff and patients. Does not require special hazardous disposal. Easy to use and read results. For steam autoclaves. 55m per roll.

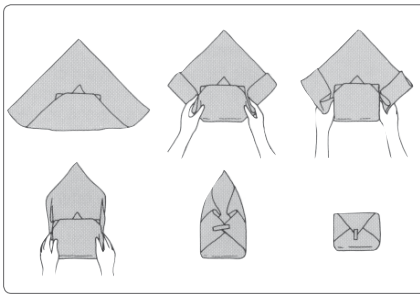
IMS STEAM STERILISATION INDICATORS

250 per box	IMS-1240

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

IMS STERILISATION AND STORAGE PAPER Disposable paper for sterile packing of the cassettes. After the packed cassette has been opened, the sterilisation paper may be used as a base, thus forming a predominantly sterile environment. Additionally, contaminated cotton wool rolls, gauze and similar items can be disposed of hygienically in this paper.

Wrapping Technique



Method #2 Hospital style

We recommend the following technique which is generally used in hospitals.

WRAP

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

600 x 600 mm for DIN and Container Cassettes (500 sheets)	IMS-1210M
600 x 600 mm for DIN and Container Cassettes (100 sheets)	IMS-1210MH
375 x 375 mm for 1/4 DIN Cassettes (1000 sheets)	IMS-1211M
375 x 375 mm for 1/4 DIN Cassettes (100 sheets)	IMS-1211MH
500 x 500 mm for 1/2 DIN Cassettes (500 sheets)	IMS-1212M
500 x 500 mm for 1/2 DIN Cassettes (100 sheets)	IMS-1212MH

BAGETTE® SELF-SEALING STERILISATION 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 sterilisation needs.

8,9 x 25,4 cm — IMS-1236

Fits 3-6 hand instruments. 200 pouches

18,1 x 35,1 cm — IMS-1237

For Exam 5-instrument, Double-Decker™ 8-instrument, Symmetry IQ, and Ultrasonic Insert/Handpiece cassettes. 100 pouches

22,5 x 36,4 cm — IMS-1238

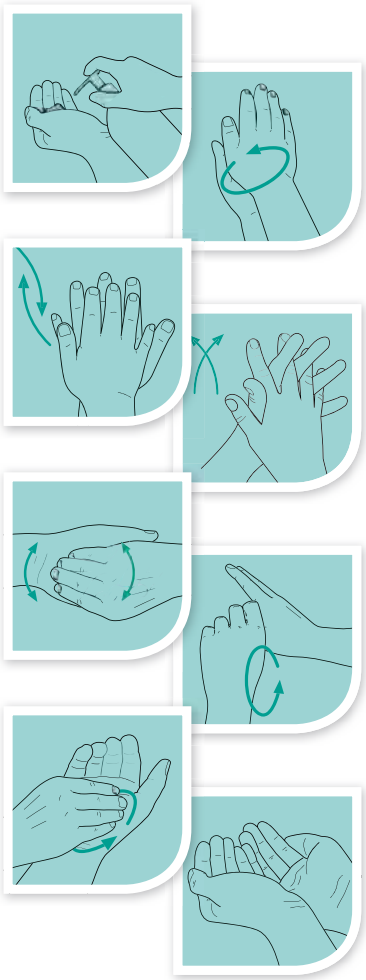
For Small 8-10 instrument, Double-Decker 14-instrument, Radiography, Space Saver Seven™ , Small Thin Ortho and Small Resin 7-16 instrument cassettes. 100 pouches

29,5 x 44 cm — IMS-1239

For Large 16-20 instrument, Double-Decker 20-instrument, Signa-Stat 12-instrument, Large Thin Ortho and Large Resin 12-24 instrument cassettes. 100 pouches

SPORECLEAR HANDS DISINFECTANT

Hu-Friedy's solution to hand disinfection in the dental office. SporeClear offers a fast, simple, effective answer to hand hygiene – protecting dental staff and their patients from harmful pathogens. The Hu-Friedy's foaming Antiseptic Foaming Hand Rub is non-alcohol based making it eco-friendly while being soft and gentle on hands.



SPORECLEAR HAND HYGIENE STEP-BY-STEP GUIDE

1. Apply a suitable amount of SporeClear Antiseptic Foaming Hand Rub in a cupped hand and cover all surfaces (1.5mL should suffice)
2. Rub hands palm to palm
3. Right palm over left back of hand with interlaced fingers and vice versa
4. Palm to palm with fingers interlaced
5. Backs of fingers to opposing palms with fingers interlocked
6. Rotational rubbing of left thumb clasped in right palm and vice versa
7. Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa
8. Allow hands to dry

SPORECLEAR FOAMING HAND RUB

500 mL Bottle MSCD097082

With pump

SPORECLEAR FOAMING HAND RUB

50 mL Bottle MSCD097080

With pump

FAST, SIMPLE, POWERFUL SOLUTIONS TO EFFECTIVELY DISINFECT HANDS

SPORICIDAL • TUBERCULOCIDAL • BACTERICIDAL • VIRUCIDAL • FUNGICIDAL

- Unique patented formulation eliminates spores, viruses, bacteria and fungi (including C. Difficile, Hepatitis B/C, HIV, H1N1, MRSA, TB and NDM-1) within one minute
- Formula is non-alcohol based, free of phenols, aldehydes, chlorine, peroxide, chlorhexidine, hypochlorite and nonylphenol ethoxylates (NPEs)

Check with your Hu-Friedy representative if available in your country.

- Dermatologist tested to be safe and effective
- Easy and pleasant to use with aloe vera and emollients to leave hands feeling soft, conditioned and healthy
- EN14476, EN1500

SPORECLEAR MEDICAL DEVICE DISINFECTANTS ARE HU-FRIEDY'S ANSWER TO SURFACE DISINFECTION IN THE DENTAL OFFICE. This one-step formula cleans and disinfects critical workspaces within 1 minute of contact. It offers a fast, simple and effective answer to creating a safe work environment protecting dental staff and their patients from harmful pathogens. Sporeclear is non-alcohol based, free of aldehydes, chlorine, phenols, peroxide and nonylphenol ethoxylates, (NPEs), making them compatible with all washable surfaces and eco-friendly. At Hu-Friedy, we create innovative solutions to help dental professionals perform at their best.

SPORECLEAR LIQUID

Liquid Spray	MSCD356750

750 ml bottle with trigger spray

SPORECLEAR CONCENTRATED

Concentrated Formula	MSCW35CO1

1L bottle (1L concentrate makes 12.5L of Solution)

SPORECLEAR WIPES

Wipes	MSCD354160

160 wipe canister

SPORECLEAR WIPE REFILL

160 wipe refill pack	MSCD354161

FAST SOLUTIONS FOR EFFECTIVE DISINFECTION WITHIN 1 MINUTE

SPORICIDAL • TUBERCULOCIDAL • BACTERICIDAL • VIRUCIDAL • FUNGICIDAL

- Unique patented formulation eliminates spores, viruses, bacteria and fungi (including C. Difficile, Hepatitis B/C, HIV, H1N1, MRSA, TB and NDM-1) within 1 minute
- Non-abrasive, non-corrosive and non-volatile making it safe to use on all surfaces
- Pleasant scent

Meets EU requirements including: EN1276; EN1650; EN14348; EN13704; EN14476; EN13727;EN1656; EN13624; EN1657; EN14204

REFERENCE: THINGS YOU SHOULD KNOW – AN OPERATOR'S GUIDE

Trouble Shooting

Problem	Cause	Prevention
Spotting	• Insufficient rinsing after ultrasonic cleaning	• Rinse thoroughly under steady stream of water for 30 seconds
	• Insufficient drying after ultrasonic cleaning	• Rinse with hot water • Optional: Dip cassettes in alcohol after rinsing
	• Not changing ultrasonic solution	• Solution should be changed at least once a day
	• Steriliser has not been cleaned	• Sterilisers should be cleaned weekly • Use only distilled water for reservoir
Rust	• Corrosion from carbon steel instruments spreads to stainless steel instruments	• Separate stainless and carbon instruments • For carbon steel instruments: Dip in pre-sterilisation solution as suggested by steriliser manufacturer
Pitting	• Chemical attack on instruments	• Rinse and dry instruments thoroughly • Use approved cleaning and sterilisation solutions only, never use household bleach or stain and tartar remover

Problem	Cause	Prevention
Broken Hinges	• Overloading/ improperly placed instruments	• Instruments should not protrude from cassette • Only light force is needed to close the cassette
	• Improperly placed rails	
Wet Packs	• Insufficient drying before or during sterilisation	• Thoroughly dry cassette after cleaning, before wrapping • Crack open autoclave steriliser door during dry cycle • Optional: After sterilisation cycle, leave cassettes in warm steriliser for 10 minutes
	• Improper loading of cassettes in steriliser	• Do not overpack steriliser • Keep cassettes slightly separated within the chamber • Always use steriliser's cassette rack

IMS DO'S AND DON'TS

DO

... wear heavy utility gloves when handling contaminated cassettes.

... change the ultrasonic solution at least once a day. 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 cassettes with all Hu-Friedy® IMS cleaning products.

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

... autoclave utility gloves in seperate sterilisation pouches.

DON'T

... let instruments protrude from cassettes.

... place 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.

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

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

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:

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

*Note: Guidelines only! This example processes instruments through sterilisation 2 times per day. High production offices will need enough cassettes for 3-4 sterilisation cycles per day. 1 Gallon = 3.785 liters

What kind of ultrasonic equipment do I need?

Offices with:

- 1 Doctor / 1 Hygienist = 11,35 Liters tank minimum
- 1 Doctor / 2 Hygienist = 11,35 Liters tank or 22,71 Liters. tank (if a fast-pace office)
- 2 Doctors / 1 Hygienist = 11,35-22,71 Liters tank
- Group Practices = Two 22,71 Liters tanks or instrument washer

Sterilisation Equipment

Offices with:

- 1 Doctor / 1 Hygienist = 25,4 cm + chamber
- 1 Doctor / 2 Hygienist = 25,4 cm + chamber
- 2 Doctors / 1 Hygienist or users of Dental Automated washer/ disinfector = One-Two 25,4 cm + chambers or one very large steriliser
- Group Practices = One very large steriliser and backup.

SPACE REQUIREMENTS: CASSETTES VS. TRAYS

Counter Space Cassettes vs Trays

	Cassettes	Trays
Instrument Break Down Area	30,5 cm	91,4 cm
Ultrasonic Cleaner Area	61 cm	61 cm
Sink	61 cm	61 cm
Drying and Packaging	45,7 cm	91,4 cm
Hand-piece Maintenance	30,5 cm	30,5 cm
Steriliser	61 cm	61 cm
Tray Assembly and Storage	45,7 cm	91,4 cm
Total Space	335,28 cm	487,7 cm

Counter Space Required

	Cassettes	Trays
4-6 Operatories (Stericenter)	335,28 cm	487,68 cm
7-8 Operatories (Stericenter)	396,24 cm	579,12 cm
9 or more	457,24 cm	670,56 cm

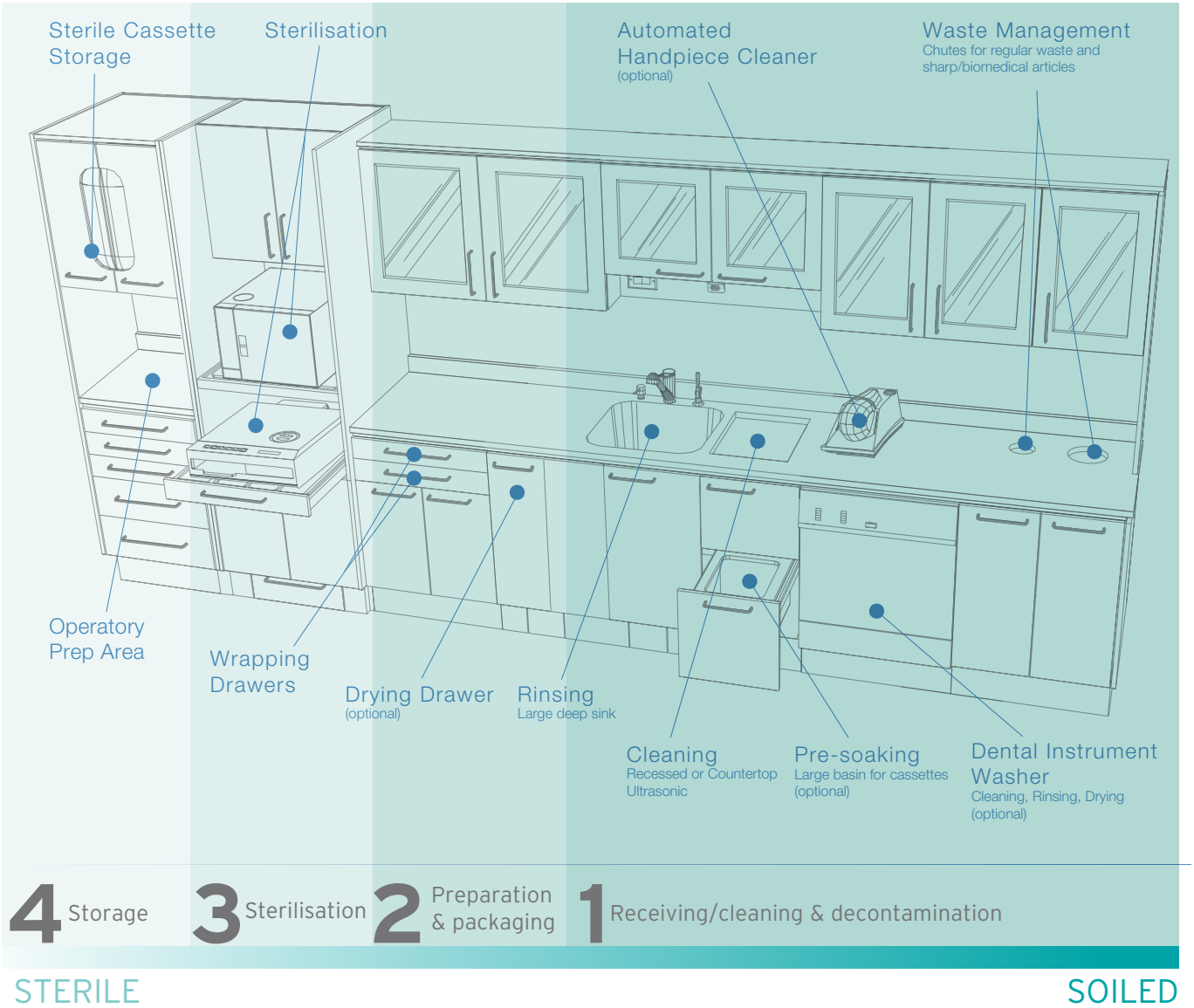
DID YOU KNOW?

28 patients per day is the point between sizing the autoclave traditionally and going to extra large equipment.

SUGGESTED STERICENTER LAYOUT

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

1) Receiving/cleaning & decontamination
2) Preparation & packaging
3) Sterilisation
4) Storage



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

TECHNICAL SERVICE

Complete servicing for IMS Cassettes in Europe is available at our Tuttlingen 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: HU-Friedy Mfg. Co., LLC.
Zweigniederlassung Deutschland
Ziegeleiweg 1
D-78532 Tuttlingen-Möhringen

Price quotations on cost of repair are available upon request. If in need of additional service, please contact your local Hu-Friedy dealer. For more information about Hu-Friedy Instrument Management System call: 00800 48 37 43 39 (toll-free)

Customer Care Department Europe:
Tel. 00800 48 37 43 39
Fax 00800 48 37 43 40
E-Mail: info@hufriedy.eu
www.hu-friedy.eu

IMS 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 or IMS Signature Series® 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 or IMS Signature Series 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.

THE EXPRESS WARRANTY DESCRIBED HEREIN AND ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, ARE LIMITED AS HEREIN ABOVE STATED. DAMAGES FROM BREACH OF SUCH WARRANTIES ARE LIMITED TO THE COST OF REPAIR OR REPLACEMENT, AT HU-FRIEDY'S OPTION. CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM BREACH OF ANY APPLICABLE EXPRESS OR IMPLIED WARRANTIES ARE HEREBY EXCLUDED.

This warranty gives you specific legal rights. You may also have other rights which vary from country to country.

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

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

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