



ORTHODONTIC INSTRUMENTS

AUTE OF

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#### INTRODUCTION

Miltex® Orthodontic instruments are crafted from the finest quality Germangrade stainless steel. Our product offering includes but is not limited to the following products:

- Banding Instruments include band seating pliers, band contouring pliers, band removing pliers and a band pusher
- Ortho Cutters include distal end cutters, hard wire cutters, wire cutters, pin and ligature cutters
- Debonding Instruments include bracket removers and adhesive removing pliers
- **Utility Pliers** include How pliers, Weingart pliers, crown crimping pliers and a variety of additional utility pliers
- Wire Forming Pliers include wire bending pliers, loop forming pliers, arch forming pliers and a variety of additional wire forming pliers
- Wire Instruments and Wire include wire twisting instruments and Babcock suture wire
- Gauges and Dividers include boley gauges, crown gauges and spring bow dividers



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## **BANDING INSTRUMENTS**

REF	Description			
74-30	Pliers - Crown and Band Contouring			
74-50	Pliers - GORDON, Contouring			
74-80	Pliers - BAADE Band and Shell Remover			
74-85	Pliers - Posterior Band Removing, Long			
74-135	Band Pusher			
74-205	Pliers - Band Seating			
74-208	Pliers - Posterior Band Removing, Short			



74-80 BAADE Used for removing band and shells



74-135
Band Pusher
Used for band pushing,
burnishing & seating bands;
Serrated tip for effective
control of bands



74-30 Crown and Band Contouring Used for fitting stainless steel crowns



74-50 GORDON, Contouring Used for forming and contouring bands; Curved beaks



**74-85**Used for posterior band removal



74-205
Band Seating
Serrated tips grip
the bracket better for
placing bands



**74-208** Used for band removal

## ORTHO CUTTERS- DISTAL END & HARD WIRE

REF	Description			
74-101	Cutter - Universal Cut & Hold Distal End Cutter			
74-101L	Cutter - Universal Cut & Hold Distal End Cutter, Long Handle			
74-102	Cutter - Distal End Cutter, Flush Cut			
74-103	Cutter - Hard Wire, 15°			
74-104	Cutter - Hard Wire, Straight			



74-101
Universal Cut & Hold
Distal End Cutter
Cuts all types of wires ranging

from .012"/.30mm to .021 x .025" (.53 mm x .64 mm)



74-102 Distal End Cutter

Universal cutter for all types of wire up to a maximum of .021" x .025" (.53 mm x .64 mm)



74-103 Hard Wire 15°

Cuts hard wire up to .022" x .0285" (.56 mm x .71 mm); Angled tip for hard to access areas



74-104 Hard Wire, Straight

Cuts hard wire up to .022" x .028" (.56 mm x .71 mm)



74-101L Universal Cut & Hold DIstal End Cutter

Cuts all types of wires ranging from .012"/.30 mm to .021 x .025" (.53 mm x .64 mm)



## **ORTHO CUTTERS- PIN & LIGATURE**

REF	Description	
74-105	Cutter - Pin & Ligature	
74-106	Cutter - Mini Pin & Ligature	
74-107	Cutter - Micro-Mini Pin & Ligature	
74-107L	Cutter - Micro-Mini Pin & Ligature, Long Handle	
74-109	Cutter - Micro-Mini Ligature, 15°	



74-107 Micro-Mini Pin & Ligature

Cuts soft wire pins and ligature wire up to .012" (.30 mm); Slim design for hard to access areas



74-105 Pin & Ligature

Cuts soft wire pins and ligature wire up to .015" (.38 mm)



74-106 Mini Pin & Ligature

Cuts soft wire pins and ligature wire up to .012"(.30 mm)



74-107L Micro-Mini Pin & Ligature

Cuts soft wire pins and ligature wire up to .012" (.30 mm); Slim design for hard to access areas



74-109 Micro-Mini Ligature, 15°

Cuts soft wire pins and ligature wire up to .012" (.30 mm); Slim design and angled tip aid in accessing hard to reach areas

# **ORTHO CUTTERS- WIRE**

REF	Description
9-128	Cutter - Parallel Action Wire Cutter, 4 1/2" Nickel Plated
74-115	Cutter - Diagonal Wire Cutter, 5 1/2"



9-128 Parallel Action Wire Cutter

Cuts and bends large hard wire up to .090"; Used in cutting and bending head gear



74-115 Diagonal Wire Cutter

Cuts all types and sizes of orthodontic wire; Excellent for cutting heavy wire with little pressure



# **DEBONDING INSTRUMENTS**

REF	Description
74-206	Pliers - Adhesive Removing
74-219	Bracket Remover
74-220L	Bracket Remover - Angled, Long Handle



74-206
Adhesive Removing

For removing composite material after debonding attachments



74-219 Bracket Remover

Used for removing steel, ceramic and plastic brackets



74-220L Bracket Remover, Angled

For removing all bracket styles on posterior and anterior teeth

#### **ORTHO UTILITY PLIERS**

REF	Description
74-20	Pliers - How, Straight
74-25	Pliers - How, Offset
74-30	Pliers - Crown and Band Contouring
74-82	Pliers - Weingart
74-82L	Pliers - Weingart - Long Handle
74-83	Pliers - Slim Weingart
74-95	Pliers - Crown and Shell Remover
74-100	Pliers - Primary Crown Crimping
74-210	Pliers - Force Module Separating
74-211	Pliers - Coon Style Ligature Tying
74-212	Holder - Direct Bond Bracket



74-20
How, Straight
Utility pliers with
serrations, useful for
placement and removal
of archwires, pins and
other auxiliares



74-25 How, Offset Tips are angled at 40° for easy access in hard to reach areas



74-30
Crown and Band
Contouring
Used for fitting
stainless steel
crowns



74-82 Weingart Utility pliers with serrations



74-82L Weingart - Long Handle Utility pliers with serrations



74-83
Slim Weingart
Slim taper tips for hard
to access areas



74-95 Crown and Shell Remover Used for placing crown and shells



74-100
Primary Crown Crimping
Used for
crimping crowns



elastic separators



74-211 Coon Style Ligature Tying For tying stainless steel ligature wire



74-212
Direct Bond
Bracket
Used for
holding brackets



### **ORTHO WIRE FORMING PLIERS**

REF	Description	
74-10	Pliers - Wire Bending	
74-35	Pliers - REYNOLDS, Contouring	
74-40	Pliers - PEESO, Collar	
74-45	Pliers - Lab and Office	
74-55	Pliers - Bird Beak	
74-75	Pliers - Three Jaw	
74-301	Pliers - Jarabak	
74-303	Pliers - Omega Loop Forming	
74-305	Pliers - Light Wire Bird Beak with Groove	





74-35 REYNOLDS For contouring wire



74-40 PEESO Used for forming collars



74-45 Lab and Office Used for lab and office work



Bird Beak Loop forming pliers used for round wire up to .030" (.76 mm)



74-75 Three Jaw Used for bending and contouring wire up to .030" (.76 mm)



74-301
Jarabak

For light wire bending;
Grooves assist with precise bending and closing of loops.
Serrated surface grips wire up to .02" (.51 mm)



74-303 Omega Loop Forming U Graduated cone .045", .060"and .075" (1.14 mm, 1.52 mm, 1.91 mm); used for

forming precise omega loops



74-305
Light Wire Bird Beak
with Groove
For forming precise loops

For forming precise loops in light wires up to .020" (.51 mm). The groove in the tip allows for duplicating loops

### **ORTHO WIRE FORMING PLIERS**

REF	Description
74-306	Pliers - Tweed Loop Forming
74-307	Pliers - Arch Bending
74-308	Pliers - Rectangular Arch Bending
74-309	Pliers - Lingual Arch Forming
74-310	Pliers - Hollow Chop Contouring
74-311	Pliers - O'Brien
74-312	Pliers - Mini Three Jaw
74-316	Pliers - Marcotte Looping





74-306 Tweed Loop Forming

Loop forming pliers with .045", .60" and .075" (1.14 mm, 1.52 mm, 1.91 mm); used for creating bull and helical loops in wires up to .022" x .028" (.56 mm x .71 mm)



74-307 Arch Bending

For placing first, second and third order bends; .050" (1.27 mm) blade width



74-308 Rectangular Arch Bending

Used for placing first, second and third order bends; .070" (1.78 mm) blade width



74-309 Lingual Arch Forming

To create double back and triple back bends in .030" and .036" lingual arch wires



74-310 Hollow Chop Contouring

For subtle contouring of arch wire of all sizes



74-311 O'Brien

For forming small helical loops and intra-oral tip back bends



74-312 Mini Three Jaw

Rounded tips ease contouring of light wires



74-316 Marcotte Looping

Used for forming helical loops and T loops



### **ORTHO WIRE FORMING PLIERS**

REF	Description
74-317	Pliers - Hollow Chop
74-318	Pliers - Light Wire Bird Beak
74-319	Pliers - Nance
74-320	Pliers - Adams
74-321	Pliers - V-Stop
74-322	Pliers - Three Prong NiTi Bender
74-324	Pliers - Old Style Looping
74-330	Pliers - Mathieu





74-317 Hollow Chop For subtle contouring of arch wire of all sizes



74-318
Light Wire Bird Beak
Used for forming precise
loops in light wires up to
.020" (.51 mm)



Nance
For forming loops in four
lengths - 3, 4, 5 and 6 mm;
Groove at base aids in closing
loops. Wire capacity .022"

74-319



Adams

For right angle bends and appliance adaptation;

Wires up to .040"

74-320



74-321 V-Stop For placing V bend in archwires to prevent archwire from traveling



74-322
Three Prong NiTi Bender
For forming and contouring archwire, especially nickel titanium wire up to .02"



Old Style Looping
Used for forming and closing
loops with one cylindrical threestep beak and one triangular beak



74-330 Mathieu Used for ligature typing and placing of elastics



# WIRE INSTRUMENTS AND WIRE

REF	Description		
22-500TC	Wire Twister 6", with Carb-N-Sert Jaws		
22-502TC	Wire Twister 8", with Carb-N-Sert Jaws		



BABCOCK Suture Wire, Stainless Steel Type AISI 316-L

B&S Gauge	Diameter	1 oz. Spools	4 oz. Spools
18 GA	.040"	9-40-18	9-44-18
20 GA	.032"	9-40-20	9-44-20
22 GA	.025"	9-40-22	9-44-22
24 GA	.020"	9-40-24	9-44-24
25 GA	.018"	9-40-25	9-44-25
26 GA	.016"	9-40-26	9-44-26
28 GA	.012"	9-40-28	9-44-28
30 GA	.010"	9-40-30	9-44-30
32 GA	.008"	9-40-32	9-44-32
34 GA	.006"	9-40-34	9-44-34
36 GA	.004"	9-40-36	9-44-36





9-40-24 9-44-24



# CROWN AND COLLAR AND WIRE CUTTING SCISSORS

REF	Description				
9D-115	RA Matrix Scissors, 4-1/4" (10.8 cm), one serrated blade				
9D-118	Pedo Crown-Festooning Scissors, 3-1/2" (8.9 cm), curved				
9-120	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), straight, one serrated blade				
9D-121	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), straight				
9-122	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), curved, one serrated blade				
9D-123	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), curved				
9-124	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), angled to side, one serrated blade				
9-124TC	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), angled to side, one serrated blade, CARB-N-SERT blades				
9D-132	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), straight, one serrated blade				
9D-133	MILTEX Wire Cutting Scissors, 4-3/4" (12.1 cm), straight				
9D-134	MILTEX Wire Cutting Scissors, 4-1/4" (10.8 cm), curved, one serrated blade				
9D-135	MILTEX Wire Cutting Scissors, 4-1/4" (10.8 cm), curved				
V99D-133	VANTAGE Collar Crown Scissors, 4" (10.2 cm), straight				
V99D-135	VANTAGE Collar Crown Scissors, 4" (10.2 cm), curved				



4-1/4" One Serrated Blade



**9D-118** 3-1/2" Curved



9-120

4-3/4" Straight, One Serrated Blade

9D-121 4-3/4" Straight, Smooth



*7*-124

4-3/4" Angular

9-124TC

4-3/4" Angular, One Serrated Blade



9D-132

4-1/4" Straight, One Serrated Blade

9D-133

5-1/4" Straight, Smooth

V99D-133 Economy



9D-134

4-1/4" Curved, One Serrated Blade

9D-135

4-1/4" Curved, Smooth

V99D-135 Economy

# COLLEGE (COTTON) PLIERS

REF	Description
66-311	311 Dental Cotton (College) Pliers, forked tips, smooth
66-312A	312A Dental Cotton (Perry) Pliers, angled, serrated tips
66-317	317 Dental Cotton (College) Pliers, serrated tips
66-317A	317A Dental Cotton (College) Pliers, extra fine tips, serrated
66-317B	317B College Pliers, X-fine tips, serrated w/long fine points
66-317\$	317 Dental Cotton (College) Pliers, smooth tips
66-318	318 MERIAM Pliers, serrated tips
66-318-49	318-49 College Pliers, non-pinch, fine points, serrated
66-49	49 College Pliers, non-pinch, fine points, serrated
66-652	Cotton Pliers with lock, serrated tips
66-656	Cotton Pliers with lock, grooved tips
V966-317	VANTAGE College Pliers, 6" (15.2 cm), with pin, serrated tips
V966-652	VANTAGE Self-Locking College Pliers 6" (15.2 cm), serrated tips









# **DIVIDERS & GAUGES**

REF	Description
68-693	Crown Gauge, stainless steel
68-694	BOLEY Gauge, stainless steel
68-695	Spring Bow Divider, 4-1/2" (11.4 cm) radius
68-696	Spring Bow Divider, 6" (15.2 cm) radius
68-697	Micro BOLEY Gauge, stainless steel





68-693







68-696



### LIGHTNING STRIPS

Lightning strips make finishing and polishing filling materials faster and easier. Made of resilient, high-strength materials, Lightning Strips are ideal for sensitive aesthetic finishing, yet tough enough for use on the hardest porcelain or composite materials.

# **Lightning Strips - Used on Composite Materials**

Strips have a safe side and are available in a 10 pack.

	Narrow 2.38 mm	Medium 3.17 mm	<b>W</b> ide 3.97 mm	Assorted	
Fine	620-81010	620-81030	620-81050	620-81210	
Medium	620-81070	620-81090	620-81110	620-81230	
Coarse	620-81130	620-81150	620-81170	620-81250	
Assorted	620-81290	620-81270	620-81310	620-81190	

# **Lightning Strips - Used on Natural Dentition**

Strips are dual sided and are available in a 10 pack.

	Narrow	Medium	Wide	Assorted
	2.38 mm	3.17 mm	3.97 mm	
Fine	630-81330	630-81350	630-81370	630-81530
Medium	630-81390	630-81410	630-81430	630-81550
Coarse	630-81450	630-81470	630-81490	630-81570
Assorted	630-81590	630-81610	630-81630	630-81510

# FACT:

Lightning Strips are excellent for finishing composite restorations.



620-81190 Composites Safe-Sided



# **Lightning Strips - Used for Orthodontics**

Strips have a safe side and are available in a 10 pack.

	Narrow 2.38 mm	Medium 3.17 mm	<b>W</b> ide 3.97 mm	X-Wide 6.35 mm	XX-Wide 9.74 mm
Fine	-	_	_	625-82010	625-82030
Medium	-	-	-	625-82050	625-82070
Coarse	_	-	_	625-82090	625-82110
Assorted	_	_	_	625-82130	625-82150

# **Lightning Strips - Used for Orthodontics**

Strips are dual sided and are available in a 10 pack.

	Narrow 2.38 mm	Medium 3.17 mm	<b>W</b> ide 3.97 mm	X-Wide 6.35 mm	XX-Wide 9.74 mm
Fine	_	-	-	635-82510	635-82530
Medium	_	_	_	635-82550	635-82570
Coarse	_	_	_	635-82590	635-82610



630-81510 Natural Teeth Dual-Sided



625-82010 Orthodontics Safe-Sided



635-82530 Orthodontics Dual-Sided



#### MICRO DIAMONDS

Micro Diamond Strips have a plastic backing, are extra durable and are used to polish and finishing a wide variety of dental materials.

REF	Description
404-40413	Strips, Micro Diamond Strips, Trail Pack, 6 Strips
404-40414	Strips, Micro Diamond Strips, 24 Strips

# **DUAL ALO**

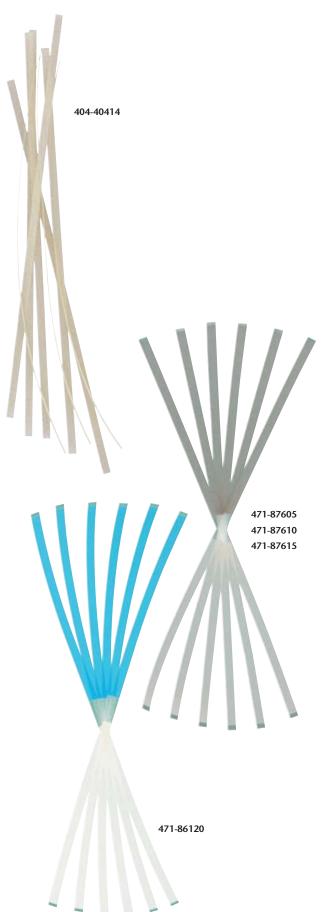
#### #54 & #56 EVENWET™ STRIPS

Dual Alo Evenwet™ Strips are very effective for trimming and polishing composite materials. Evenwet™ Strips are 7" long and have a 1/2" open center that permits safe interproximal entry without destroying the interproximal tooth contact. Evenwet™ Strips are equally effective on wet and dry surfaces.

The #54 strips feature a fine grit on the white end and a medium grit on the gray end. #54 strips are also recommended for hygienist cleaning.

The #56 strips feature a fine grit on the white end and a micro-fine grit on the blue end.

REF	Description
471-87605	Strips, Dual Alo #54 Evenwet Narrow 2.5 mm
471-87610	Strips, Dual Alo #54 Evenwet Medium 3.18 mm
471-87615	Strips, Dual Alo #54 Evenwet Wide 4.00 mm
471-86120	Strips, Dual Alo #56 Evenwet Strips Fine/Microfine





#### SPECTRA-A STRIPS

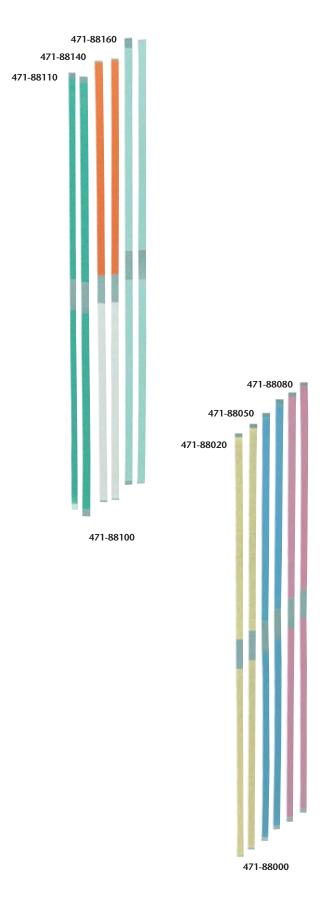
Spectra-A Strips are made of resilient durable polyester fused with uniform aluminum oxide abrasive grit. The ½" open center of Spectra-A Strips permits safe interproximal entry without destroying the interproximal tooth contact. Spectra-A Strips are designed to be used on the hardest composite materials and are equally effective on wet and dry surfaces.

REF	Description
471-88110	Strips, Spectra-A Fine
471-88140	Strips, Spectra-A Medium
471-88160	Strips, Spectra-A Coarse
471-88100	Strips Spectra-A Assorted

#### SPECTRA-F STRIPS

Spectra-F Strips are used for general purpose finishing and polishing. Spectra-F Strips have a  $\frac{1}{2}$ " open center that permits safe interproximal entry without destroying the interproximal tooth contact. Spectra-F Strips are equally effective on wet and dry surfaces.

REF	Description
471-88020	Strips, Spectra-F Fine
471-88050	Strips, Spectra-F Medium
471-88080	Strips, Spectra-F Coarse
471-88000	Strips, Spectra-F Assorted





## STRIP HOLDING FORCEPS

Strip holding forceps are designed to securely hold finishing and polishing strips and matrix bands during procedures, eliminating the need to hold the strip or band by hand. The 1x2 diamond-coated barrel tip gently but firmly clamps the strip, which allows for precise guiding. The forceps are sold as a pair and can be used in finishing adhesive restorations, polishing, positioning matrix bands, orthodontics and prohylaxis procedures.

REF	Description
72-60	Strip Holder Clips - 90 degree R.A.
72-62	Strip Holder Clips - 45 degree
72-70	Strip Holding Forceps, Pair







72-70



# FEATURES AND BENEFITS of Thompson™ Cassettes

- Unique flow-through design allows for effective rinsing and cleaning.
- **2.** Medical grade silicone stabilizes the instruments when the cassette is closed.
- **3.** Full length hinge provides stable and secure attachment to cassette.
- **4.** Riveted stainless steel rack provides a secure, non degradable base on which to place instruments.
- 5. Quick and easy push button release provides a secure lock when closed.
- 6. Tabs allow for custom coding cassettes.
- 7. Double-hinged lid folds under for easy storage during use.
- 8. Self-lubricating plastic hinge pin will not corrode and provides smooth mechanical movement of the lid.
- **9.** Various interior configurations to meet your storage needs.
- **10.** Stainless steel provides aesthetic finish and corrosion protection.



# Thompson™ Tuck–Away™ Lid

The Thompson™ Tuck-Away™ lid is a double-hinge lid designed to conveniently fold under the cassette, offering the following advantages:

- Lid cannot be misplaced during procedures.
- · Saves valuable space during procedures.
- Provides incline for better instrument viewing and access during procedures.



Lid closed



Lid oper



Lid tucked under

# <u>FACT:</u>

AllThompson™ Cassettes come with a four year warranty on all moving parts and a lifetime guarantee against corrosion.

#### **OPTIONS FOR CUSTOMIZATION**

#### Lid Clips

Lid clips are available on several cassettes by adding "L" to the end of the part number. Please see the following part number charts for proper part number and the respective cassettes with enough room for this option.



Lid Clips

#### **Stone Clips**

Stone clips hold instrument sharpening stones in place. Stone clips are available on the same cassettes on which lid clips are optional by adding "S" to the end of the part number. Please see the following part number charts for proper part number and the respective cassettes with enough room for this option.



Stone Clips

# Color Coded Tabs

All Thompson™ cassettes feature a tab where silicone tubing can be added. This feature gives your office the option of color coding by procedure, date or dental professional.

\*See page 109 for part numbers



Color Coded Tabs

# FACT:

To order an eligible cassette with both lid and stone clips, add "A" to the end of the part number. Please see the charts on the following pages for available cassettes

## **Thompson™ Cassettes**

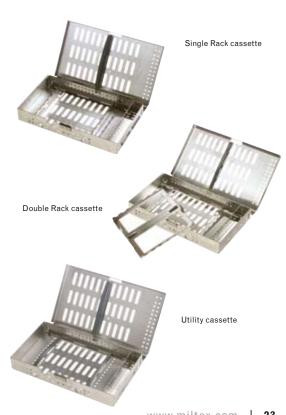
Thompson<sup>™</sup> cassettes are manufactured with passivated stainless steel, feature the Thompson™ Tuck-Away™ lid and are available in a variety of sizes and configurations to meet all storage needs.

Thompson<sup>™</sup> cassettes are available in several options:

Single Rack Cassettes — Cassette contains a single riveted rack to accommodate various hand instruments. Several sizes are available and hold 5 to 26 instruments.

**Double Rack Cassettes** — Cassette contains additional removable rack for double stacking instruments.

Utility Cassettes — Cassette does not contain an instrument rack, making it ideal for ring-handled and larger sized instrumentation.

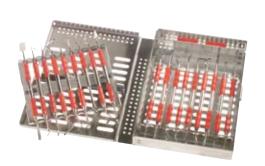




# FACT:

Lid clips are ideal for ring handled instruments such as needleholders.





# **Thompson™ 5 Cassette**

The Thompson <sup>™</sup> 5 Cassette is perfect for simple procedures requiring few instruments. Its compact size features a single hinged lid, and it can hold up to 10 hand instruments with the double rack.

		Dimensions	
REF	Description	Inches	Millimeters
3-083005*	Thompson 5 Utility	8 x 3 13/16 x 1 1/8	204 x 81 x 30
3-083105*	Thompson 5 Single Rack	8 x 3 13/16 x 1 1/8	204 x 81 x 30
3-083210*	Thompson 5 Double Rack	8 x 3 13/16 x 1 1/8	204 x 81 x 30

<sup>\*</sup> Thompson<sup>™</sup> 5 cassette features single-hinged lid.

# **Thompson™ 7 Cassette**

The Thompson™ 7 Cassette features the double-hinged, Tuck-Away™ lid for easy storage during procedures. It can hold 7 instruments with a single rack, 14 instruments with the double rack, or larger instruments without racks.

		Dimensions	
REF	Description	Inches	Millimeters
3-084007	Thompson 7 Utility	8 x 4 7/8 x 1 1/8	204 x 124 x 28.5
3-084107	Thompson 7		
	Single Rack	8 x 4 7/8 x 1 1/8	204 x 124 x 28.5
3-084214	Thompson 7		
	Double Rack	8 x 4 7/8 x 1 1/8	204 x 124 x 28.5

# **Thompson™ 9 Cassette**

The Thompson™ 9 Cassette features the double-hinged, Tuck-Away™ lid for easy storage during procedures. It can hold 9 instruments with a single rack, 18 instruments with the double rack, or larger instruments without racks.

		Dimensions	
REF	Description	Inches	Millimeters
3-085009	Thompson 9 Utility	8 x 6 x 1 3/16	204 x 154 x 30
3-085109	Thompson 9 Single Rack	8 x 6 x 1 3/16	204 x 154 x 30
3-085218	Thompson 9 Double Rack	8 x 6 x 1 3/16	204 x 154 x 30



# **Thompson™ 10 Cassette**

The Thompson™ 10 Cassette can hold 10 instruments and features the double-hinged, Tuck-Away™ lid for easy storage during procedures. This Cassette is also available with lid and/or stone clips to customize to your needs.

		Dimensions	
REF	Description	Inches	Millimeters
3-089110	Thompson 10	8 x 9 x 1 1/8	204 x 229 x 28.5
3-089110L	Thompson 10 w/lid clips	8 X 9 X 1 1/8	204 x 229 x 28.5
3-089110S	Thompson 10 w/ stone clip	8 X 9 X 1 1/8	204 x 229 x 28.5
3-089110A	Thompson 10 w/ lid and stone clips	8 X 9 X 1 1/8	204 x 229 x 28.5



# **Thompson™ 14 Cassette**

The Thompson™ 14 Cassette can hold up to 14 instruments and features the double-hinged, Tuck-Away™ lid for easy storage during procedures. This Cassette is also available with lid and/or stone clips to customize to your needs.

		Dimensions	
REF	Description	Inches	Millimeters
3-118114	Thompson 14	8 x 10 7/8 x 1 3/16	204 x 276.5 x 30
3-118114L	Thompson 14 w/lid clips	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118114\$	Thompson 14 w/ stone clip	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118114A	Thompson 14 w/ lid and stone clips	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30



# **Thompson™ 16 Cassette**

The Thompson™ 16 Cassette can hold up to 16 instruments and features the double-hinged, Tuck-Away™ lid for easy storage during procedures. This Cassette is also available with lid and/or stone clips to customize to your needs.

		Dimensions	
REF	Description	Inches	Millimeters
3-118116	Thompson 16	8 x 10 7/8 x 1 3/16	204 x 276.5 x 30
3-118116L	Thompson 16 w/lid clip	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118116S	Thompson 16 w/stone clip	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30
3-118116A	Thompson 16 w/lid and stone clips	8 X 10 7/8 X 1 3/16	204 x 276.5 x 30





#### **SLIMLINE CASSETTES**

Thompson™ Slimline Cassettes feature a single-hinged lid and reduced profile. All Slimline cassettes are manufactured from passivated stainless steel that provides corrosion protection and an aesthetic finish.



#### Slimline 7

The seven instrument capacity of the Slimline 7 Cassette meets small cleaning and equipment requirements. Also available in extended length and deeper versions. The Slimline 7 and Deep Slimline 7 Cassette can be used in Statim™ autoclaves.

		Dimensions	
REF	Description	Inches	Millimeters
3-072007	Slimline 7	7 x 2 5/8 x 11/16	178 x 67 x 17
3-082008	Slimline 7 extended	8 x 2 5/8 x 11/16	203 x 127 x 17
STDSL27	Deep Slimline 7	7 x 2 5/8 x 1	178 x 67 x 25



### Slimline 14

The Slimline 14 Cassette is ideal for exam, pedodontic prophylaxis/sealant, small prophylaxis and suture removal. The Slimline 14 Cassette will hold up to 14 instruments, and the extended width allows ring-handled instruments to be stored along with hand instruments.

		Dimensions	
REF	Description	Inches	Millimeters
3-072014	Slimline 14	7 x 4 5/8 x 11/16	178 x 115 x 17



#### **SPECIALTY CASSETTES**

In addition to the Slimline and Thompson  $^{\mathtt{m}}$  series cassettes, Miltex also offers a variety of specialty cassettes designed for various applications.

#### **Standard Cassette**

The Standard Cassette stores up to 14 instruments and also contains an instrument bin for storing large and ring-handled instruments. The standard cassette also features a break-away lid.

		Dimensions	
REF	Description	Inches	Millimeters
STDSTAT	Standard Cassette	7 x 10 5/8 x 1 1/2	178 x 270 x 38



#### Standard 8 Cassette

The Standard 8 Cassette can store eight instruments and also contains an instrument bin for storing large and ring-handled instruments. The standard 8 cassette features the double-hinged lid.

		Dimensions		
REF	Description	Inches	Millimeters	
STDSTAT8	Standard 8 Cassette	6 3/4 x 8 1/8 x 1 1/8	171 x 206 x 29	



#### Standard 814 Cassette

The Standard 814 Cassette can store 14 instruments and also contains an instrument bin for storing large and ring-handled instruments. The standard 814 cassette features the double-hinged lid.

			Dimensions		
REF	Description	Inches	Millimeters		
STDSTAT814	Standard 814 Cassette with 14 Rack	6 3/4 x 8 1/8 x 1 1/8	171 x 206 x 29		





# **Twenty-Two Instrument Cassette**

This 22 instrument cassette is ideal for storing large quantities of hand instruments and additional larger instruments.

		Dimensions		
REF	Description	Inches	Millimeters	
STD222	22 Instrument Cassette	8 x 10 7/8 x 1 3/16	204 x 276.5 x 30	

# FACT:

Using cassettes for procedural setups is an excellent way to efficiently organize and clean instruments for specific procedures.



#### **Orthodontic Cassette**

The upright box design of the Thompson™ Orthodontic Cassette is perfect for storing orthodontic pliers, wire cutters, scissors and wire bending instruments.

		Dimensions		
REF	Description	Inches	Millimeters	
STDORTHO	Ortho Cassette	5 x 7 x 2	127 x 178 x 51	
STDORTHOS	Small Ortho Cassette	6 1/2 x 2 1/4 x 2	165 x 57 x 51	



# Handpiece/Accessory Cassette

This cassette is excellent for small specialized setups, handpieces and smaller handled instruments.

		Dimensions	
REF	Description	Inches	Millimeters
3-080205	Handpiece/ Accessory Cassette	8 x 2 3/16 x 1 7/16	204 x 71 x 37



### **Small Parts Box**

Holds small items such as ortho brackets, long shank or lab carbide burs and rubber dam clamps. Features a hinged lid.

		Dimensions	
REF	Description	Inches	Millimeters
STDPB	Small Parts Box	1 2/3 x 1 1/3 x 1	42 x 33 x 26

## CASSETTE CODE TUBING

REF	Description	Quantity per Pack
STDCC12BLACK	Cassette Code Tube, Black	12
STDCC12BROWN	Cassette Code Tube, Brown	12
STDCC12DKBLUE	Cassette Code Tube, Blue	12
STDCC12GOLD	Cassette Code Tube, Gold	12
STDCC12GRAY	Cassette Code Tube, Gray	12
STDCC12GREEN	Cassette Code Tube, Green	12
STDCC12LTBLUE	Cassette Code Tube, Light Blue	12
STDCC12PINK	Cassette Code Tube, Pink	12
STDCC12PURPLE	Cassette Code Tube, Purple	12
STDCC12RED	Cassette Code Tube, Red	12
STDCC12WHITE	Cassette Code Tube, White	12
STDCC12YELLOW	Cassette Code Tube, Yellow	12

REF	Description	Quantity per Pack
STDCC24BLACK	Cassette Code Tube, Black	24
STDCC24BROWN	Cassette Code Tube, Brown	24
STDCC24DKBLUE	Cassette Code Tube, Blue	24
STDCC24GOLD	Cassette Code Tube, Gold	24
STDCC24GRAY	Cassette Code Tube, Gray	24
STDCC24GREEN	Cassette Code Tube, Green	24
STDCC24LTBLUE	Cassette Code Tube, Light Blue	24
STDCC24PINK	Cassette Code Tube, Pink	24
STDCC24PURPLE	Cassette Code Tube, Purple	24
STDCC24RED	Cassette Code Tube, Red	24
STDCC24WHITE	Cassette Code Tube, White	24
STDCC24YELLOW	Cassette Code Tube, Yellow	24



Color Coded Tabs

## SILITONE™ COLOR BANDS

Silitone™ color bands are made from medical-grade silicone and can withstand temperatures up to 450° F.
Silitone™ bands are expandable from 4 mm to 12 mm and are available in a variety of colors. 50 per pack except kits.

REF	Description
VST	Kit 480 pieces, assortment
VSTA	Kit 120 pieces, assortment
VSTSA	GRAY
VSTSB	BLUE
VSTSD	GOLD
VSTSG	GREEN
VSTSK	BLACK
VSTSL	LIGHT BLUE
VSTSN	BROWN
VSTSP	PINK
VSTSR	RED
VSTSU	PURPLE
VSTSW	WHITE
VSTSY	YELLOW





## TAPE 'N TELL™ ADHESIVE STRIPS

Ideal for color coding instruments and procedural kits.

REF	Description
017-48220	TAPE'N'TELL WHITE
017-48221	TAPE'N'TELL YELLOW
017-48222	TAPE'N'TELL RED
017-48223	TAPE'N'TELL BLUE
017-48224	TAPE'N'TELL GREEN
017-48225	TAPE'N'TELL BLACK
017-48226	TAPE'N'TELL ORANGE
017-48227	TAPE'N'TELL BROWN
017-48230	TAPE'N'TELL 8 ASST.



## MILTEX® INSTRUMENT CARE & CLEANING PRODUCTS

The Miltex® care and cleaning product portfolio is designed to provide optimum cleaning performance and will help to prolong the service life of valuable surgical and dental instrumentation. Many products are available in multiple sizes, including single-dose packets for ease of use, space-saving 8 oz. bottles, and 1-gallon bulk containers with pump dispensers.

REF	Description
3-700	MILTEX Spray Lubricant, 8 fl. oz. spray bottle (0.24 liters) (case of 12)
3-705	MILTEX Lubricant, 1-gallon bottle (3.78 liters).
3-710	MILTEX Surgical Instrument Cleaner/Lubricant, 1-gallon bottle (3.78 liters).
3-720	MILTEX Surgical Instrument Cleaner, 8 fl. oz. bottle (0.24 liters). Contents of 8 oz. bottle makes 32 gallons of solution.
3-725	MILTEX Surgical Instrument Cleaner, 1-gallon bottle (3.78 liters). Contents of 1-gallon bottle makes 512 gallons of solution.
3-726	MILTEX Surgical Instrument Cleaner, Box 80 – 1/4 oz. (7.4 ml) packets. Contents of 1 box makes 80 gallons of solution.
3-740	MILTEX Surgical Instrument Stain Remover, 3 oz. (85g) jar (case of 12)
3-750	MILTEX EZ-Zyme®, All Purpose Enzyme Cleaner, Box 32 – 3/4 oz. (22 ml) packets. Contents of 1 box makes 32 gallons of solution.
3-755	MILTEX EZ-Zyme®, All Purpose Enzyme Cleaner, 1-gallon bottle (3.78 liters). Contents of 1-gallon bottle makes 170 gallons of solution.
3-760	MILTEX Instrument Prep Enzyme Foam, 24 oz. (0.71 liters) spray bottles (case of 12)
3-800	MILTEX Instrument Care System Kit includes one each of Spray Lube, Surgical Instrument Cleaner (8 oz.), Surgical Instrument Stain Remover, Instrument Care Video/DVD, Nylon Brush, Stainless Steel Brush.
3-810	MILTEX Instrument Care DVD, 25-minute instructional DVD designed to help practitioners and staff properly care for instruments
3-1000	MILTEX Nylon Instrument Cleaning Brushes, 7-1/4" (18.4 cm) (set of 3)
3-1001	MILTEX Stainless Steel Instrument Cleaning Brushes, 7-1/4" (18.4 cm) (set of 3)





## **MILTEX® EDGE SCISSOR SHARPENER**

REF	Description	
5-5000	MILTEX Edge Scissors Sharpener, not intended for serrated or SuperCut scissors	



#### TIP-IT™ INSTRUMENT GUARDS

Tip-It<sup>™</sup> Instrument Guards are used to protect instrument tips and edges from damage during instrument handling. 50 per pack.





REF	REF	REF	REF			
Clear	Tinted	Solid	Solid		Size	
Vented	Vented	Vented	Non-Vented	Dimension	Code	Color
3-2501C	3-2501T	3-2501V	3-2501	1/16" X 3/4" (1.6mm X 19mm)	1	White*
3-2502C	3-2502T	3-2502V	3-2502	5/64" X 3/4" (2mm X 19mm)	2	Blue*
3-2503C	3-2503T	3-2503V	3-2503	7/64" X 3/4" (2.8mm X 19mm)	3	Green*
3-2504C	3-2504T	3-2504V	3-2504	1/8" X 1" (3.2mm X 25.4mm)	4	Red*
3-2505C	3-2505T	3-2505V	3-2505	3/16" X 1" (4.8mm X 25.4mm)	5	Yellow*
3-2506C	3-2506T	3-2506V	3-2506	13/32" X 3/4" (10.3mm X 19mm)	6	Maroon*
3-2507C	3-2507T	3-2507V	3-2507	1/16" X 3/8" X 1" (1.6mm X 9.5mm X 25.4mm)	7	Orange*
3-2508C	3-2508T	3-2508V	3-2508	5/64" X 5/8" X 1" (2mm X 16mm X 25.4mm)	8	Brown*
3-2509C	3-2509T	3-2509V	3-2509	1/8" X 1" X 1" (3.2mm X 25.4mm X 25.4mm)	9	Black*
3-2510C	3-2510T	3-2510V	3-2510	Assorted, equal number of sizes plus 5	-	-

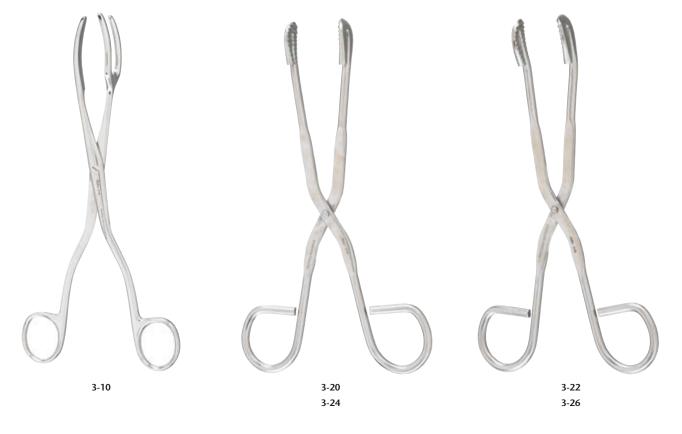
<sup>\*</sup> Color does not apply to clear vented pattern



# STERILIZING INSTRUMENTS

# **Sterilizing & Grasping Forceps**

REF	Description
3-2	DAVIS Sterilizer Forceps, 6" (15.2 cm)
3-4	DAVIS Sterilizer Forceps, 10" (25.4 cm)
3-10	Three prong Sterilizer Forceps, 8" (20.3 cm)
3-20	Utility-Sterilizer Forceps, 8" (20.3 cm), straight
3-22	Utility-Sterilizer Forceps, 8" (20.3 cm), curved
3-24	Utility-Sterilizer Forceps, 11" (27.9 cm), straight
3-26	Utility-Sterilizer Forceps, 11" (27.9 cm), curved
65-25	Grasping Forceps, non-magnetic, gold plated ends





# Recommended Steps in Cleaning, Sterilization & Maintenance of Miltex® Surgical Instruments

#### 1. HOLDING/PRESOAK

Never hold instruments in a dry container. Doing so allows blood and debris to dry onto instrument surfaces and makes cleaning more difficult. If rinsing and decontamination processes are not immediately available, pre-treat instruments or hold them in a neutral pH holding/presoak enzymatic solution after patient use but before actual cleaning. Miltex® Instrument Prep Enzyme Foam (3-760) is a ready to use foaming spray for pre-cleaning soiled instruments and scopes. Simply spray the foam on instruments until they are ready for processing. Also, Miltex® EZ-Zyme® (3-750 and 3-755) neutral pH all purpose multi-enzyme concentrate is ideal for instrument presoaking and pre-cleaning. As soon as possible, rinse and clean as follows:

#### 2. RINSING

Always wear safety protection gear.

Immediately after surgery, remove organic materials by rinsing instruments under warm (not hot) running water. Rinse should remove most blood, fluids and tissue. Do not process dissimilar metals (stainless, copper, chrome plated, etc.) together.

**Note:** Disinfection can be included to protect medical personnel from contamination during cleaning; however, protection also can be accomplished by following standard precautions by wearing appropriate PPE as promulgated by OSHA & AORN.

#### 3. CLEANING

All blood, dried body fluids and tissue should be completely removed from instruments prior to sterilization. Several methods for removing these materials are available.

- A. Soak: An enzymatic cleaner bath (soak) such as Miltex® EZ-Zyme® (3-750 and 3-755) or a solution of water and neutral pH (7) detergent such as Miltex® Surgical Instrument Cleaner (3-720, 3-725 and 3-726) is effective in removing organic material from instruments. Use distilled (demineralized) water, if possible. Instruments should be fully submerged for at least 10 minutes. Do not let "sharps" (scissors, knives, osteotomes, etc.) touch each other. Ensure that dissimilar metal instruments are separated. Rinse instruments under running water to remove solutions and change solutions frequently.
- B. Ultrasonic Cleaning: Most instrument manufacturers recommend ultrasonic cleaning as the most effective way to clean surgical instruments, particularly instruments with hinges, box locks and other moving parts.
  - All instruments must be fully submerged in an open position using distilled (demineralized) water, if possible. To prevent possible surface scratching make sure that "sharps" do not touch other instruments.
     Also, separate instruments of dissimilar metals.
  - Process instruments for the full recommended ultrasonic cleaning cycle. Change solution frequently or as often as the manufacturer recommends.

- Rinse instruments with water to remove the cleaning solution. Miltex® EZ-Zyme® (3-750 and 3-755) or Miltex® Surgical Instrument Cleaner (3-720, 3-725 and 3-726) can be safely used with all ultrasonic units.
- C. Automatic Washer Sterilizers: Following manufacturers' recommendations, ensure that instruments are lubricated before the sterilization cycle and after the last rinse cycle.

**CAUTION:** Needle holders and forceps may crack if sterilized with ratchet in closed position.

- D. Manual Cleaning: If ultrasonic cleaning is not available, observe the following steps:
  - Use stiff nylon cleaning brushes (3-1000). Do not use steel
    wool or wire brushes except stainless steel wire brushes
    (3-1001) specially recommended for instrument serrated
    areas, bone files, burs or on stained areas of knurled handles.
  - Use only neutral pH (7) detergents such as Miltex® Surgical Instrument Cleaner (3-720, 3-725 and 3-726). If not rinsed off properly, low pH (acidic less than 6 pH) detergents break down the stainless protective surface resulting in pitting and/or black staining on instruments. High pH detergents (alkaline more than 8 pH) can cause brown stains (phosphate surface deposit) which can also interfere with the smooth operation of instruments. Most brown stains are not rust and are easily removed with Miltex® Surgical Instrument Stain Remover (3-740).
  - Brush delicate instruments carefully, and if possible, separate them from general instruments.
  - Make sure instrument surfaces are visibly clean and are free from stains and tissue. Miltex® Surgical Instrument Stain Remover (3-740) can help remove residue stains. This is also a good time to inspect each instrument for proper function and condition.
  - Check scissors' blades to ensure proper function.
    Blades should open and close smoothly. Test cutting
    performance at 3/4 length of the blade with the materials
    recommended below. Scissors should cut all the way
    to the tips. Recommended cutting test materials:
    - Fine/Delicate scissors: Surgical glove
    - Medium scissors: Single layer of stocking/cast netting
    - Large/Utility scissors: Double layer of stocking/cast netting
  - Check forceps (pickups) for proper jaw alignment. Teeth must meet properly without catching.
  - Check hemostats and needle holders to ensure jaw tips close in first ratchet position and that the entire jaw closes in third ratchet position. Check instruments for loose hinges and verify that they lock and unlock easily. Also check instruments for wear on jaw surfaces.



# Recommended Steps in Cleaning, Sterilization & Maintenance of Miltex® Surgical Instruments

- · Suction tubes should be clean inside.
- Test Biopsy Punches by punching a clean hole in 3-6 mil thick poly-bag material. If poly-bag material is not available, use tissue paper.
- · Retractors should function properly.
- Cutting edge instruments and knives should be sharp and free of damage.
- After scrubbing, rinse instruments thoroughly under running water. While rinsing, open and close scissors, hemostats, needle holders and other hinged instruments to ensure that hinged areas are rinsed out and that no debris remains.

#### 4. AFTER CLEANING

Separate dissimilar metals prior to sterilizing/autoclaving. If instruments will be stored, allow them to air-dry and store them in a clean and dry environment.

#### 5. AUTOCLAVING

- A. Lubricate all hinged instruments which have any "metal to metal" action at the screw or box lock. A non-silicone, water-soluble surgical lubricant such as Miltex® Lube (3-700 or 3-705) is recommended.

  Do not use industrial oils or lubricants.
- B. **Sterilize instruments** either individually or in sets.
  - Individual Instruments: Disposable paper or plastic pouches are ideal. Make sure to use a wide enough pouch for instruments with ratchet locks so instruments can be sterilized in an open (unlocked) position. Instruments locked during autoclaving can develop cracked hinges (box locks) or other problems because of heat expansion. If wrapping instruments, make sure the towel does not contain detergent residue which can stain instruments.
  - Instrument Sets: Unlock all instruments and sterilize
    in an open position. Place heavy instruments on the
    bottom of set (when two layers are required). Do not
    overload the chamber because an air pocket
    that hinders steam penetration may form.

**CAUTION**: With most portable tabletop autoclaves, unlock the door and open it no more than a crack, about 1/4" (6.4 mm) (at the end of the autoclave cycle and before the drying cycle). Then run the dry cycle for the period recommended by the autoclave manufacturer. If the autoclave door is fully opened before the drying cycle, cold air will rush into the chamber and will cause condensation on the instruments, potentially resulting in water stains or causing wet packs. Make sure autoclave filters and chambers are cleaned as recommended by the manufacturer. Miltex® Surgical Instrument Stain Remover (3-740) is effective in removing stains and in cleaning the autoclave chamber. If you have any unusual staining on your instruments after sterilization, obtain our Instrument Care DVD (3-810) or contact your local Miltex® representative.

#### 6. CHEMICAL/COLD STERILIZATION

Most chemical/cold sterilization solutions render instruments sterile only after 10-hour immersion. This prolonged chemical action can be more detrimental to instruments than the usual 20-minute autoclave cycle. If the instruments need to be "disinfected" only, a chemical/cold sterilization soak is acceptable, as disinfection will take approximately 10 minutes or more. Check manufacturers' specifications. Also see our warning in using bleach (paragraph 3).

Keep in mind the difference between:

- Sterile an absolute term (no living organism survives); and
- Disinfected basically clean. Some organisms may survive. Always use the proper sterilization/cleaning technique to render the instrument in the required condition for use.

**CAUTION**: For instruments with tungsten carbide insert jaws, the use of chemical/cold sterilization solutions is not recommended as it may deteriorate the instrument's jaw.

We recommend these Miltex® products to properly safeguard and care for your quality instruments.

REF	Description	Use During
3-760	Instrument Prep Enzyme Foam 24 oz. spray	• Holding & presoak
3-750	EZ-Zyme®, All Purpose Enzyme Cleaner Box 32 - 3/4 oz. packets	Holding & presoak     Soak cleaning
3-755	EZ-Zyme®, All Purpose Enzyme Cleaner 1-gallon pump bottle	Ultrasonic cleaning Manual cleaning Laundry presoak
3-700	Spray Lube 8 oz. spray bottle	
3-705	Surgical Instrument Lubricant 1-gallon pump bottle	Before autoclaving
3-710	Surgical Instrument Cleaner & Lubricant 1-gallon pump bottle	Manual cleaning     Washer/decontaminator     Ultrasonic cleaning
3-720	Surgical Instrument Cleaner 8 oz. spray bottle	
3-725	Surgical Instrument Cleaner 1-gallon pump bottle	Soak cleaning     Ultrasonic cleaning     Manual cleaning
3-726	Surgical Instrument Cleaner Box 80 - 1/4 oz. packets	ivanual oleaning
3-740	Surgical Instrument Stain Remover 3 oz. jar	• Stain removal
3-1000	Nylon Instrument Cleaning Brushes 3-pack	•Manual cleaning of
3-1001	Stainless Steel Instrument Cleaning Brushes 3-pack	instruments
3-800	Instrument Care System	Complete instrument care
3-810	Instrument Care DVD	•Training personnel in the care of instruments

Adams Plier12
Adhesive Removing Plier8
Arch Bending Plier11
BAADE Band and Shell Remover Plier4
Babcock Suture Wire13
Band Pusher4
Band Seating Plier4
Bird Beak Plier10
BOLEY Gauge16
Bracket Remover8
Cassette Code Tube
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Color Code Rings29
Coon Style Ligature Tying Plier9
Cotton Pliers
Crown and Band Contouring Plier4
Crown and Band Contouring Plier9
Crown and Shell Remover9
Crown Gauge16
DAVIS Sterilizer Forceps32
Diagonal Wire Cutter, 5 1/2"7
Direct Bond Bracket Holder9
Distal End Cutter, Flush Cut5
Dual Alo #54 Evenwet
Dual Alo #54 Evenwet
Edge Scissors Sharpener31
Edge Scissors Sharpener31 EZ-Zyme®, All Purpose Enzyme Cleaner30
Edge Scissors Sharpener
Edge Scissors Sharpener
Edge Scissors Sharpener
Edge Scissors Sharpener.31EZ-Zyme®, All Purpose Enzyme Cleaner.30Force Module Separating Plier.9GORDON, Contouring Plier.4Grasping Forceps.32Hard Wire Cutter, Straight.5
Edge Scissors Sharpener31EZ-Zyme®, All Purpose Enzyme Cleaner30Force Module Separating Plier9GORDON, Contouring Plier4Grasping Forceps32Hard Wire Cutter, Straight5Hard Wire, 15° Cutter5
Edge Scissors Sharpener

Mathieu Plier	12
Matrix Scissors	14
Micro BOLEY Gauge	16
Micro Diamond Strips	19
Micro-Mini Ligature Cutter, 15°	<i>6</i>
Micro-Mini Pin & Ligature Cutter	<i>6</i>
Mini Pin & Ligature Cutter	<i>6</i>
Mini Three Jaw Plier	11
Nance Plier	12
Nylon Instrument Cleaning Brushes	30
O'Brien Plier	11
Old Style Looping Plier	12
Omega Loop Forming Plier	10
Parallel Action Wire Cutter, 4 1/2" Nickel Plated	7
Pedo Crown-Festooning Scissors	14
PEESO, Collar Plier	10
Pin & Ligature Cutter	<i>6</i>
Posterior Band Removing, Long Plier	4
Posterior Band Removing, Short Plier	4
Primary Crown Crimping Plier	9
Rectangular Arch Bending Plier	11
REYNOLDS, Contouring Plier	10
Slim Weingart Plier	9
Spectra-A	20
Spray Lubricant	30
Spring Bow Divider	
Stainless Steel Instrument Cleaning Brushes	
Strip Holder Clips	
Strip Holding Forceps	
Surgical Instrument Cleaner	30
Surgical Instrument Cleaner/Lubricant	30
Surgical Instrument Stain Remover	
TAPE'N'TELL	30
Three Jaw Plier	
Three Prong NiTi Bender	
Three Prong Sterilizer Forceps	32
Tip-It Instrument Guards	
Tweed Loop Forming Plier	
Universal Cut & Hold Distal End Cutter	
V-Stop Plier	
Weingart Plier	
Wire Bending Plier	
Wire Cutting Scissors	
Wire Twister 6"	
Wire Twister 8"	13

017 40220 20	2 2500	00 124	74 224	
017-48220 30	3-250931	9D-13414	74-324 12	630-81450 17
017-48221 30	3-2510C31	9D-13514	74-330 12	630-81470 17
017-48222 30	3-2510T31	22-500TC13	66-311 15	630-81590 17
017-48223 30	3-2510V31	22-502TC13	66-312A 15	630-81610 17
017-48224 30	3-251031	65-25 32	66-317 15	630-81630 17
017-48225 30	3-08300524	72-60 21	66-317A 15	630-81510 17
017-48226 30	3-08310524	72-62 21	66-317B 15	635-82510 18
017-48227 30	3-08321024	72-70 21	66-317S 15	635-82530 18
017-48230 30	3-07200726	73-2504C31	66-318 15	635-82550 18
3-2 32	3-07201426	74-304	66-318-49 15	635-82570 18
3-4 32	3-08020528	74-504	66-49 15	635-82590 18
3-10 32	3-08200826	74-804	66-652 15	635-82610 18
3-20 32	3-08400724	74-854	66-656 15	STD22228
3-22 32	3-08410724	74-1354	68-693 16	STDCC12BLACK 29
3-24 32	3-08421424	74-2054	68-694 16	STDCC12BROWN 29
3-26 32	3-08500924	74-2084	68-695 16	STDCC12DKBLUE 29
3-700 30	3-08510924	74-1015	68-696 16	STDCC12GOLD 29
3-705 30	3-08521824	74-101L5	68-697 16	STDCC12GRAY 29
3-710 30	3-089110A25	74-1025	404-40413 19	STDCC12GREEN 29
3-720 30	3-089110L25	74-1025	404-40414 19	STDCC12GREEN 29
3-725 30	3-089110S25	74-1035	471-87605 19	
3-726 30	3-08911025	74-1056		
			471-87610 19	STDCC12PURPLE 29
3-740 30	3-118114A25	74-1066	471-87615 19	STDCC12RED 29
3-750 30	3-118114L25	74-1076	471-86120 19	STDCC12WHITE 29
3-755 30	3-118114525	74-107L6	471-88110 20	STDCC12YELLOW 29
3-760 30	3-11811425	74-1096	471-88140 20	STDCC24BLACK 29
3-800 30	3-118116A25	74-1157	471-88160 20	STDCC24BROWN 29
3-810 30	3-118116L25	74-2068	471-88100 20	STDCC24DKBLUE 29
3-1000 30	3-118116\$25	74-2198	471-88020 20	STDCC24GOLD 29
3-1001 30	3-11811625	74-220L8	471-88050 20	STDCC24GRAY 29
3-2501C31	5-5000 31	74-209	471-88080 20	STDCC24GREEN 29
3-2501T31	9-40-18 13	74-259	471-88000 20	STDCC24LTBLUE 29
3-2501V31	9-44-18 13	74-309	620-81010 17	STDCC24PINK 29
3-250131	9-40-20 13	74-829	620-81030 17	STDCC24PURPLE 29
3-2502C31	9-44-20 13	74-82L9	620-81050 17	STDCC24RED 29
3-2502T31	9-40-22 13	74-839	620-81210 17	STDCC24WHITE 29
3-2502V31	9-44-22	74-959	620-81070 17	STDCC24YELLOW 29
3-250231	9-40-24 13	74-1009	620-81090 17	STDORTHO28
3-2503C31	9-44-24 13	74-2109	620-81110 17	STDORTHOS28
3-2503T31	9-40-25 13	74-2119	620-81230 17	STDPB28
3-2503V31	9-44-25 13	74-2179	620-81130 17	STDSL2726
3-250331	9-40-26 13	74-212 10	620-81150 17	
3-2504T31	9-44-26 13	74-10 10	620-81170 17	STDSTAT827
				STDSTAT81427
3-2504V31	9-40-28	74-40 10	620-81250 17	STDSTAT27
3-250431	9-44-28 13	74-45 10	620-81290 17	V99D-133 14
3-2505C31	9-40-30	74-55 10	620-81270 17	V99D-135 14
3-2505T31	9-44-30 13	74-75 10	620-81310 17	V966-317 15
3-2505V31	9-40-32 13	74-301 10	620-81190 17	V966-65215
3-250531	9-44-32 13	74-303 10	625-82010 18	VST 29
3-2506C31	9-40-34 13	74-305 10	625-82030 18	VSTA 29
3-2506T31	9-44-34 13	74-306 11	625-82050 18	VSTSA 29
3-2506V31	9-40-36 13	74-307 11	625-82070 18	VSTSB 29
3-250631	9-44-36 13	74-308 11	625-82090 18	VSTSD 29
3-2507C31	9-120 14	74-309 11	625-82110 18	VSTSG 29
3-2507T31	9-122 14	74-310 11	625-82130 18	VSTSK 29
3-2507V31	9-124 14	74-311 11	625-82150 18	VSTSL29
3-250731	9-124TC14	74-312 11	630-81330 17	VSTSN 29
3-2508C31	9-1287	74-316 11	630-81350 17	VSTSP
3-2508T31	9D-11514	74-317 12	630-81370 17	VSTSR29
3-2508V31	9D-11814	74-318 12	630-81530 17	VSTSU 29
3-250831	9D-12114	74-319 12	630-81390 17	
3-2509C31	9D-12114 9D-12314	74-319 12 74-320 12	630-81410 17	VSTSW
3-2509T31	9D-12314 9D-13214	74-320 12 74-321 12	630-81430 17	v313129
	9D-13214 9D-13314			
3-2509V31	14 14	74-322 12	630-81550 17	



# MILTEX WARRANTY

#### **INSTRUMENTS AND PRODUCTS**

Miltex hereby warrants all Miltex® products purchased directly from Miltex or an Authorized Dealer in accordance with the following terms and conditions:

All Miltex® instruments and products are guaranteed to be free from defects in material and workmanship when used for their intended surgical or dental purpose. Any Miltex® product that proves defective in workmanship or material will either be repaired or replaced, at Miltex's discretion, without charge. Products not purchased from an authorized source may not be authentic or meet Miltex's quality standards and may have been tampered with.

#### Other Instrument and Product Warranties:

- . Union Broach Chiropractic Mallet 90 days
- . Union Broach Electrical Devices 1 year except for Sprint TCM 2 years
- . Cassettes 4-year warranty on all moving parts and lifetime guarantee against corrosion

#### **REPAIRS**

Instruments and products repaired by the Miltex Instrument Repair Service are guaranteed to be free from defects in material and workmanship for 90 days when used for their intended surgical or dental purpose. Any Miltex repair that proves defective in workmanship or material within this 90-day period will either be repaired again or replaced, at Miltex's discretion, without charge. Instruments must be cleaned and sterilized prior to returning to Miltex for repair.

#### WARRANTY EXCEPTIONS

This warranty is void for Miltex® instruments and products serviced by any person or facility other than the Miltex Instrument Repair Services. Any custom made, custom etched or neutralized products are not returnable. Warranties are not valid for Miltex® instruments and products that prove defective as a result of improper care and cleaning or misuse. Instruments or products that are damaged in fire, flood or other acts or disasters are also excluded from warranty. Except as set forth in these Terms and Conditions, Miltex makes no other representations and warranties regarding its instruments or products, either expressed or implied. In addition, in no event will Miltex be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of Miltex® instruments and products.





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