

# HYGIENE GUIDE



By Your Side  
in Dentistry



**BRASSLER USA**<sup>®</sup>  
DENTAL INSTRUMENTATION



**BRASSELER USA**<sup>®</sup>  
DENTAL INSTRUMENTATION

Brasseler USA is continuously updating and expanding our product line to bring together what we think is the best and most complete offering for the Dental Hygienist. Our unique model of selling instrumentation direct to the end user gives us the opportunity to offer the highest quality products at the most competitive prices, and unlike most other hygiene instrumentation providers, we are happy to open a personal account for Dental Hygienists. Today, Brasseler USA has the broadest assortment of hygiene instrumentation available, with extensive offerings of hand instruments, hygiene power equipment, disposable prophylaxis products, implant care, and vision enhancement.

To receive more information on the entire line of Brasseler USA products for the Dental Hygiene Professional or to receive our free catalog, simply call us toll free at 1-800-841-4522. Or, visit our website to learn more: [www.BrasselerUSA.com](http://www.BrasselerUSA.com)

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## Handle Types

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### #2 Handle



- 1/4 in round
- Solid stainless steel
- Also known as standard handle
- 26 grams

### #4 Handle



- 5/16 in round
- Hollow stainless steel
- Ideal for smaller hands, the hollow core provides ideal tactile sensitivity
- 16.8 grams

### #6 Handle



- 3/8 in round
- Hollow stainless steel
- Our top-selling handle design
- Features a unique diamond knurling pattern for a sure grip
- At just 16.4 grams, the #6 handle is among the lightest weight handles on the market

### #8 Cushion Grip Handle



- 7/16 in round with silicone grips
- Hollow stainless steel core
- Features an integrated code ring system and elliptically shaped grips to allow customized finger placement
- 20 grams

*All items shown with a #6 handle, when available.  
Instruments are not shown at actual size.*

# Explorers

- Hand sharpened and manufactured of spring tempered stainless steel for maximum durability.

## Double End



Ideal for calculus detection in periodontal pockets

EX1  
#2



Pigtail

EX2  
#2, #4, #6



Provides improved interproximal access

EX2H  
#6



Provides improved interproximal access

EX3  
#2, #4, #6



Cowhorn

EX3CH  
#2, #6



Combination of Explorer 23 and 17  
• Instrument of choice for caries and calculus detection

EX5  
#2, #4, #6



Tufts University version of EXPL-5

EXTU1723  
#6



Combination of Explorer 3 and 6

EX6  
#6



Combination of Explorer 23 and 6

EX23/6  
#2, #6



Old Dominion University 11-12  
• Instrument of choice for posterior calculus detection  
• One instrument is used for exploring entire dentition

EXODU11/12  
#2, #6



Extended version of ODU11/12  
• Terminal shank is 3 mm longer for increased access in periodontal pockets

EX11/12L  
#6

# Expros

- Features an explorer on one end and a probe on the opposite end.

## Double End • Color Coded

- Color coded expros feature clear, laser-etched markings and will not chip or fade.



EX23/CP2  
#2, #6



EX23/CP12  
#2, #4, #6



EX23/POW  
#2, #4, #6



EX23/CP1 I  
#6



EX23/CP11.5B  
#2, #6



EX23/UNC15  
#4, #6



EX23/UNC12  
#6

## Double End • Non-Color Coded

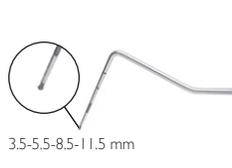
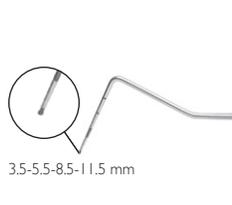


EX23/PW  
#2, #6

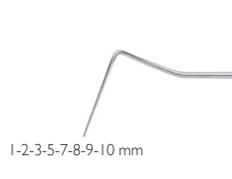
# Probes

## Double End • Color Coded

• Color coded probes feature clear, laser-etched markings and will not chip or fade.

 <p>3-6-9-12 mm</p>	 <p>Offset Marquis • Also known as CPI2</p>	<p>CPI2D #6</p>
 <p>3-6-9-12 mm</p>	 <p>Marquis/Williams</p>	<p>CPI2/COW #6</p>
 <p>1-2-3-5-7-8-9-10 mm</p>	 <p>Williams Offset</p>	<p>CPOWD #6</p>
 <p>3-6-9-12 mm</p>	 <p>Nabors Bifurcation Probe</p>	<p>CP2N #2, #6</p>
 <p>3.5-5.5-8.5-11.5 mm</p>	 <p>UNC12 • PSR Screening Probe (WHO)</p>	<p>CPI2/11.5 #6</p>
 <p>3.5-5.5-8.5-11.5 mm</p>	 <p>UNC15 • PSR Screening Probe (WHO)</p>	<p>CPI5/11.5 #6</p>

## Double End • Non-Color Coded

 <p>1-2-3-5-7-8-9-10 mm</p>	 <p>Williams Offset • Also known as PWD</p>	<p>CPW #2, #6</p>
 <p>1-2-3-5-7-8-9-10 mm FLAT</p>	 <p>Goldman-Fox/Williams</p>	<p>PGFW #2, #6</p>
 <p>No Markings • Nabors Bifurcation Probe</p>	 <p>No Markings • Nabors Bifurcation Probe</p>	<p>P2N #6</p>

# Probes

## Single End • Color Coded

• Color coded probes feature clear, laser-etched markings and will not chip or fade.



**CPI2**  
#2, #4, #6



**CPI1**  
#2, #6



**CPOW**  
#2, #4, #6



**CPUNC12**  
#2, #6



**CPUNC15**  
#6



**CPI1.5B**  
#2, #6

## Cotton and Dressing Pliers

- Used to grasp or transfer materials in and out of the mouth.
- Features serrated tips for firm grasp and alignment pin to ensure tips remain parallel.



Non-Locking Dressing Pliers • 6 in / 150 mm

100



Locking Dressing Pliers • 6 in / 150 mm

200



Non-Locking Perry Dressing Pliers • 5 in (125 mm)

400

## Mirror Handles

### Cone Socket



Lightweight ergonomic diamond knurled • Hollow stainless steel

MH6CS  
#6



Standard handle • Solid stainless steel

M10

### European Style / Simple Stem



Lightweight ergonomic diamond knurled • Hollow stainless steel

MH6SS  
#6

## Mirrors

- Front surface mirrors have a rhodium-plated surface to provide a clear, distortion free image.
- Rhodium-plated mirrors reflect only once eliminating secondary images associated with eye strain.

### Cone Socket



FSCS4

- Front Surface
- #4 7/8 in (22 mm) diameter
- Sold individually or in box of 12



FSCS5

- Front Surface
- #5 15/16 in (24 mm) diameter
- Sold individually or in box of 12

### European Style / Simple Stem



FSSS4

- Front Surface
- #4 7/8 in (22 mm) diameter
- Sold individually or in box of 12



FSSS5

- Front Surface
- #5 15/16 in (24 mm) diameter
- Sold individually or in box of 12

# Sickle Scalers



• Sickle scalers are designed almost exclusively for supragingival periodontal debridement procedures.

## Anterior • Double End



Fine Point Offset Anterior Scaler • 10° offset

SH6/H7  
#2, #4, #6, #8



Fine Point Hygienist Scaler

SH5/H5  
#6, #8



Fine Point Thin Scaler

SH5/H5S  
#6



Towner Fine Point Scaler • Also known as H5/U15

SH5/U15  
#6, #8



Towner Scaler

SU15/U15  
#2, #6



Offset Anterior Scaler • 10° offset

USC3/4  
#6



Miniature Morse Jacquette Scaler  
• Effective for calculus removal in tight contact areas of mandibular anterior teeth

SM0-00  
#4, #6, #8



Nebraska 128

SN128  
#2, #6

# Sickle Scalers

## Anterior • Goldman-Fox • Double End



Small Jacquette/Scaler combination • For improved interproximal access

**GF21**  
#2, #4, #6

## Sickle/Hoes • Double End



Fine Point Thin Hygienist Scaler/Hoe • 2 mm hoe blade width

**SH5/48**  
#2, #4, #6, #8



Towner Scaler/Hoe • 2.5 mm hoe blade width

**SU15/47**  
#6

## Posterior • Double End



Large Posterior Sickle Scaler

**S204**  
#4, #6, #8



Medium Sickle Scaler

**S204S**  
#2, #4, #6, #8



Fine Posterior Sickle Scaler

**S204SD**  
#4, #6, #8



Fine Posterior Sickle Scaler

**SN130**  
#4, #6



Remington K Universal Posterior Scaler

**SREK**  
#6



Universal Posterior Scaler

**S157/158**  
#6

# Sickle Scalers

## Posterior • Double End



Universal Posterior Scaler

S107/108  
#4, #6



Off Angle Universal Posterior Scaler

S129  
#6



Remington Universal Posterior Scaler

SRE3/4  
#4, #6

## Single End



Towner Scaler

SU15  
#2



Younger Good Scaler

SYG15  
#2



Whiteside Scaler

SW2  
#2,

## Scalers/Jacquettes • Double End



Fine Point Miniature Anterior Jacquette Scaler • Also known as J1S-N5

SH5/33  
#4, #6, #8



Towner Scaler/Standard Anterior Jacquette • Also known as J1-U15

SU15/30  
#6

# Sickle Scalars

## Scalers/Jacquettes • Double End



Towner Scaler/Miniature Anterior Jacquette • Also known as J1S/U15

SU15/33  
#4, #6, #8



Standard/Miniature Anterior Jacquette • Also known as J1-1S

SJ30/33  
#6



Standard Posterior Jacquette • Also known as J2-3

SJ31/32  
#2, #4, #6



Miniature Posterior Jacquette • Also known as J2S-3S

SJ34/35  
#6



Miniature Posterior Jacquette (Long Version) • Also known as J2S-3SL

SJ34/35L  
#6

# Sickle Scalers

## Savannah Scalers • Double End



Savannah-1 - Anterior

- Shortened anterior sickle scaler end for interproximal calculus removal
- Disc end for removal of anterior lingual stain and calculus

SV1  
#4, #6, #8



Savannah-1 - Modified

- H5 anterior sickle scaler end for interproximal calculus removal
- Disc end for removal of anterior lingual stain and calculus

SH5/SVI  
#6



Savannah-2 - Posterior

- Thin posterior sickle scaler designed for improved interproximal access
- Sharp contra-angle design improves clinician comfort

SV2  
#4, #6, #8

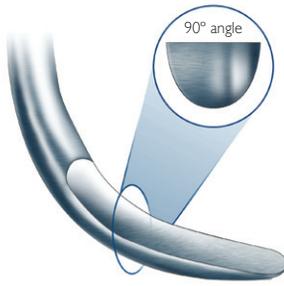


Savannah-3 - Posterior

- Thin contra-angle for better adaptation and enhanced posterior access

SV3  
#6, #8

# Universal Curettes



- Periodontal debridement instruments with rounded back, toe and two cutting edges.
- Can be used universally throughout the mouth.

## Barnhart • Double End



Thinnest blade available (face to back)

**SBH1/2**  
#4, #6, #8



Rigid 1-2 • Increased shank diameter

**SBH1/2R**  
#6



For medium calculus removal

**SBH5/6**  
#4, #6, #8



Rigid 5-6 • Increased shank diameter

**SBH5/6R**  
#6



Thinner blade than SBH5/6

**SBH5N/6N**  
#2, #4, #6

## Columbia • Double End



Universal Curette with shortened blade and shank

**SC13/14**  
#4, #6, #8



Universal Curette with shortened blade and shank • Pointed tip

**SC13/14P**  
#4, #6



Anterior Curette with extended shank with short blade

**SC2R/2L**  
#6



Posterior Curette

**SC4R/4L**  
#4, #6, #8

# Universal Curettes

## McCall • Double End



13/14 • Rounded tip

SM13/14  
#6



13/14 • Thin pointed tip

SM13/14S  
#2, #4, #6, #8



17/18 • Rounded toe

SM17/18  
#6, #8



17/18 • Thin rounded toe

SM17/18S  
#4, #6

## Younger Good • Double End



General Posterior Curette • Shank bend design improves access to 2nd and 3rd molars

SYG7/8  
#6, #8

## Goldman-Fox • Double End



For calculus removal on interproximal surfaces of posterior teeth

SGF3  
#6

## Ratcliff • Double End



Ratcliff Universal Posterior curette • University of California

SCR3/4  
#6

## Loma Linda • Double End



General use Curette for heavy calculus removal • Long, flat blade

SLL10/11  
#6

# Universal Curettes

## Langers • Double End

- Langer curettes offer a unique design combining the shank bend of a Gracey curette with a Universal blade.



Mandibular Posterior • Same shank bend as SG11/12

SL1/2  
#6



Maxillary Posterior • Same shank bend as SG13/14

SL3/4  
#6



Maxillary and Mandibular Anterior • Same shank bend as SG5/6

SL5/6  
#6

## Scurettes • Double End

- Increase efficiency by adding Scurettes to your tray setup.
- These unique instruments combine features of universal curettes and scalers in one instrument.



Anterior Universal Curette / Anterior Scaler

SNI37  
#6



Mini Long Universal Curette / Anterior Scaler

SNI37M  
#6, #8



Posterior Scaler with rounded back and pointed toe

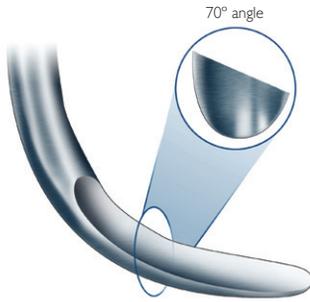
SNI35  
#6, #8



Posterior Scaler with rounded back and rounded toe

SNI35R  
#6

# Gracey Curettes



- Periodontal debridement instruments with a rounded back, toe and one cutting edge.
- Area-specific
- Multiple instruments are needed for instrumentation of the entire mouth.

## Standard • Double End



Short contra-angle for incisors and cuspids

SG1/2

#2, #4, #6, #8



Short contra-angle for incisors and cuspids

SG3/4

#6



Medium contra-angle for anterior teeth and bicuspid

SG5/6

#6, #8



Medium contra-angle for buccal and lingual surfaces of bicuspid and molars

SG7/8

#4, #6, #8



Long contra-angle for buccal and lingual surfaces of molars and less accessible root surfaces

SG9/10

#6, #8



For mesial surfaces of bicuspid and molars

SG11/12

#4, #6, #8



For distal surfaces of bicuspid and molars

SG13/14

#4, #6, #8



For improved access to mesial surfaces of posterior teeth  
 • Same shank bend as SG13/14

SG15/16

#6, #8

# Gracey Curettes



For improved access to distal surfaces of molars  
 • Shorter blade and longer terminal shank

SG17/18  
 #4, #6, #8

## Rigid • Double End

- Rigid Graceys are the instrument of choice for medium to heavy calculus removal.
- Shank diameter is thicker and less flexible than standard Graceys.



Short contra-angle for incisors and cuspids

SG1/2R  
 #6



Short contra-angle for incisors and cuspids

SG3/4R  
 #6



Medium contra-angle for anterior teeth and bicuspid

SG5/6R  
 #6



Medium contra-angle for buccal and lingual surfaces of bicuspid and molars

SG7/8R  
 #6



Long contra-angle for buccal and lingual surfaces of molars and less accessible root surfaces

SG9/10R  
 #6



For mesial surfaces of bicuspid and molars

SG11/12R  
 #6, #8



For distal surfaces of bicuspid and molars

SG13/14R  
 #6, #8



For improved access to mesial surfaces of posterior teeth  
 • Same shank bend as SG13/14

SG15/16R  
 #6



For improved access to distal surfaces of molars  
 • Shorter blade and longer terminal shank

SG17/18R  
 #6

# Gracey Curettes

## Long • Double End

- Gracey Longs are designed for improved access in periodontal pockets 5mm or greater.
- Terminal shank is 3mm longer than the standard Gracey.
- Gracey Longs have the same area-specific indication as Standard Graceys with improved access.



Short contra-angle for incisors and cuspids

SG1/2L  
#6



Short contra-angle for incisors and cuspids

SG3/4L  
#6



Medium contra-angle for anterior teeth and bicuspids

SG5/6L  
#6



For mesial surfaces of bicuspids and molars

SG11/12L  
#6



For distal surfaces of bicuspids and molars

SG13/14L  
#6



For improved access to mesial surfaces of posterior teeth  
• Same shank bend as SG13/14

SG15/16L  
#6

## Mini-Long • Double End

- Gracey Mini-Longs are designed for improved access in periodontal pockets 5mm or greater.
- Terminal shank is 3mm longer than the standard Gracey, and the blade is ten percent thinner and half the length.
- Gracey Mini-Longs have the same area-specific indication as Standard Graceys with improved access.



Short contra-angle for incisors and cuspids

SG1/2ML  
#6, #8



Short contra-angle for incisors and cuspids

SG3/4ML  
#6

# Gracey Curettes



Medium contra-angle for anterior teeth and bicuspid

SG5/6ML  
#6



Medium contra-angle for buccal and lingual surfaces of bicuspid and molars

SG7/8ML  
#6



For mesial surfaces of bicuspid and molars

SG11/12ML  
#6



For distal surfaces of bicuspid and molars

SG13/14ML  
#2, #4, #6, #8



For improved access to mesial surfaces of posterior teeth  
• Same shank bend as SG13/14

SG15/16ML  
#2, #4, #6



GRACEY CURETTES

- Elongated terminal shank for deep access into pockets.
- 20% thinner blades than Mini-Long Graceys to reduce tissue distention and ease subgingival insertion.
- Blade length 50% shorter than Standard Graceys.
- Rigid shanks to reduce hand fatigue.
- Specially honed blade edges for razor sharpness.



Contra-angle for incisors and cuspids

SG1/2LTS  
#4, #6, #8



Contra-angle for buccal and lingual surfaces of bicuspid and molars

SG7/8LTS  
#4, #6, #8



For mesial surfaces of bicuspid and molars

SG11/12LTS  
#4, #6, #8



For distal surfaces of bicuspid and molars

SG13/14LTS  
#4, #6, #8

# Advanced Hygiene Instruments

## Diamond Tipped Finishing Files • Double End

### Usage:

- Definitive scaling of root surface after initial instrumentation procedures with hand instruments and ultrasonic power devices.
- Removal of biofilm, calculus and stain deposits.
- Improved access and reach in deep periodontal pockets, root furcations and depressions, mesial and distal line angles and developmental grooves.
- Removal of tenacious flat, burnished or veneer calculus.
- Removal of embedded residual calculus during endoscopic instrumentation.

### Features:

- Working ends with 360° diamond coating for optimal access and comfort.
- Diamond coated surfaces never need sharpening and are efficient in every direction.
- Economical because of long working life.

### Technique Tips:

- Diamond coated surface of files are abrasive and must always be in contact with deposit to prevent damage to root surface.
- Use light, feather-touch overlapping strokes—no more than 25-30 grams of pressure to prevent over instrumentation of root surface.
- Use multi-directional strokes (horizontal, vertical and oblique) on mesial, distal, facial, lingual surfaces.



DTF1/2  
#6

- Recommended for buccal and lingual furcations and root depressions
- Long shank design improves access to deeper perio pockets with bifurcations and trifurcations
  - 360° diamond coating in micro fine grit for maximum versatility and less-aggressive instrumentation



DTF3/4  
#6

- Recommended for mesial root surfaces and distal depressions and line angles
- 360° diamond coating in micro fine grit for maximum versatility and less-aggressive instrumentation

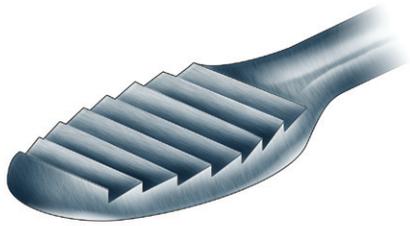


DTF3/4M  
#6

- Recommended for mesial root surfaces and distal depressions and line angles
- 360° diamond coating in micro fine grit for maximum versatility and less-aggressive instrumentation
  - Modified F3 end perfectly complements anatomy
  - Shortened shanks for enhanced clinician control

# Advanced Hygiene Instruments

## Periodontal Files • Double End



- Files are used to crush and break up calculus deposits for easier removal with curettes and scalers.

### Hirschfield Files



Mesial/Distal • 1.4 mm Blade Width

PFH3/7  
#6



Buccal/Lingual • 1.4 mm Blade Width

PFH5/11  
#6

### Orban Files



Mesial/Distal • 2 mm Blade Width

PF010/11  
#6



Buccal/Lingual • 2 mm Blade Width

PF012/13  
#2, #4, #6

# Advanced Hygiene Instruments

## ImplantPro™ Titanium Implant Curettes

- ImplantPro's 6Al-4V titanium is not heat treated, keeping the Rockwell C hardness at a low 25-31 HRC, and comparable to most implant abutments.
- Special blade finishing with a less-aggressive, polished edge ensures safe instrumentation around implants.
- Due to this unique blade finishing, hand sharpening is not recommended. Replacement tips are available.



Titanium Langer • Mandibular Posterior Universal Curette

TISL1/2



Titanium Langer • Maxillary Posterior Universal Curette

TISL3/4



Titanium Langer • Maxillary and Mandibular Anterior Universal Curette

TISL5/6



Titanium Columbia • Posterior Universal Curette

TISC4R/4L

## ImplantPro™ Replacement Tips

Curette	Replacement Tip
TISL1/2	250TISL1TIP
TISL1/2	250TISL2TIP
TISL3/4	250TISL3TIP
TISL3/4	250TISL4TIP
TISL5/6	250TISL5TIP
TISL5/6	250TISL6TIP
TISC4R	250TISC4RTIP
TISC4R	250TISC4LTIP

## ImplantPro™ Wrench

- Designed to remove and replace ImplantPro Curette tips.



WR01



### Brenda McCarson, RDH, BS

*Brenda McCarson, RDH, BS joined Brasseler USA's Hygiene Segment in 2003 as a National Hygiene Sales Specialist. She is a former ADHA District IV Trustee, Past President and Life Member of the South Carolina Dental Hygienist's Association, and has been recognized for outstanding service to the dental hygiene profession. She serves on Corporate Advisory Boards for ADHA's Access Publication and Dimensions of Dental Hygiene.*

## HAND INSTRUMENT CARE

By Brenda McCarson, RDH, BS

### Considerations

- Are you following the appropriate hand instrument care procedures to promote the safety and well being of patients as well as that of the dental team?
- Do you follow accepted procedures for presterilization and sterilization for hand instrument reprocessing?
- Do you notice spotting, discoloration or pitting on your instruments and cassettes?

The dental hygienist must incorporate best practices to manage hand instrument and equipment sterilization processes to prevent cross-contamination and ensure a safe healthcare environment for patients. Many hours have been dedicated to understanding the most current infectious disease control recommendations for dental hygiene practice. We understand that the critical instruments that penetrate soft tissue and bone must be heat sterilized after each use. What isn't always understood is how each individual step in hand instrument reprocessing builds upon the previous step to ensure complete sterility of critical instruments. Proper hand instrument reprocessing is crucial for the long term function and working life of dental hygiene instrumentation.

Ideally, dental hygiene procedure set-ups are contained in cassettes to limit handling and direct exposure to sharps. Incorporating instrument cassettes into your practice will minimize handling and sorting and keep procedure based setups organized and identified by clinician. Instrument cassettes extend the useful life of your instruments by minimizing instrument-to-instrument contact and damage from dropping. Instrument cassettes are autoclavable and may be constructed of stainless steel, aluminum or plastic resin.

Hand Instrument Reprocessing falls into two categories:

- Pre-sterilization
- Sterilization

Each category includes important steps for which there are no short-cuts.

Pre-sterilization involves an overall process that must be followed in order for optimal sterilization to be achieved. The pre-sterilization process begins immediately following the dental hygiene treatment appointment. The CDC and FDA state that this first step is always needed before disinfection or sterilization. Debris remaining on instruments can insulate microorganisms during the sterilization process, preventing inactivation of the organisms we are trying to reach.

### Pre-Sterilization and Sterilization (Guidelines for Hand Instrument Processing)

#### Pre-Sterilization

- Move contaminated instruments safely to sterilization/reprocessing area. Wear heavy utility gloves, mask or shield and eye protection during handling of contaminated instruments. Use of instrument cassettes is recommended to limit handling and potential exposure to a sharps injury.
- Pre-clean instruments if cleaning procedure is delayed. Soak contaminated instruments in holding/soaking enzymatic solutions to dissolve or prevent blood and debris from drying on surfaces. Or, coat contaminated instruments with enzymatic spray or foam to dissolve or prevent blood and debris from drying on surfaces.
- Rinse all enzymatic solutions and debris from instruments and inspect for any remaining debris.
- Move to ultrasonic or automatic instrument washer/disinfector for instrument cleaning.

#### Ultrasonic Cleaning

- Follow manufacturer's recommendations for processing times and preparation of ultrasonic cleaning chemical.
- Rinse all chemicals from instruments and inspect for any remaining debris. Use heavy utility gloves and a firm brush to carefully remove any debris not removed by cleaning device. Residual debris may be an indication that the ultrasonic device is not working properly.

## Automatic Cleaning

This includes use of automatic washers or disinfectors for cleaning and drying. Follow manufacturer's recommendations for wash/disinfection cycles and use only recommended detergents. Using detergents not recommended for the washer can cause instrument discoloration and corrosion.

- Load instrument cassettes into automated washer as recommended.
- Complete recommended wash/disinfection and dry cycle.
- Apply any anticorrosive agents or lubricants.
- Drying & Inspecting
  - Instruments must be completely dry before placing in pouch or before wrapping cassette. Packaging wet instruments provides an opportunity for corrosion, discoloration from chemicals and spotting.
  - Inspect instruments for wear, broken tips, and dullness.
- Packing & Wrapping
  - Contaminated dry instruments must be placed in acceptable packaging during sterilization procedure.

Problem	Possible Cause	Solution
Rust	<ul style="list-style-type: none"> <li>• Corrosion spreads from carbide rotary and carbon steel instruments</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid sterilizing dissimilar metals together</li> </ul>
Spotting	<ul style="list-style-type: none"> <li>• Ultrasonic cleaning solution not adequately rinsed off or instruments are inadequately dried</li> <li>• Ultrasonic cleaning solution needs changing or sterilization device needs cleaning</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure all instruments are rinsed and dried thoroughly before placing them in sterilization unit</li> <li>• Follow all unit manufacturer recommendations for routine maintenance of devices</li> </ul>
Pitting	<ul style="list-style-type: none"> <li>• Chemical exposure reaction</li> </ul>	<ul style="list-style-type: none"> <li>• Read all instrument manufacturer guidelines to learn which chemicals can cause unfavorable reactions (Note: Brasseler USA's instrument care guidelines are printed in our catalog)</li> </ul>

## Heat Sterilization Methods for Reprocessing Critical Instruments

### Sterilization

Each sterilization method has very specific requirements regarding time, temperature and recommended packaging for products and materials that can be safely and effectively sterilized. Refer to manufacturer's instructions for recommended sterilization processing temperature and time. The following chart is a brief summary of the most widely used sterilization methods and common advantages and disadvantages related to reprocessing hand instruments:

Sterilization Method	Advantages	Disadvantages
Steam Pressure (Autoclave)	<ul style="list-style-type: none"> <li>• Does not deposit harmful residues</li> <li>• Allows sterilization of heat sensitive items</li> </ul>	<ul style="list-style-type: none"> <li>• May damage plastic and rubber items</li> <li>• Hard water may cause spotting</li> <li>• Drying cycle may not completely dry instruments-must vent and/or run drying cycle to facilitate process</li> <li>• Chamber humidity may rust or corrode metals</li> <li>• Repeated autoclaving dulls instruments</li> </ul>
Steam Pressure (Rapid)	<ul style="list-style-type: none"> <li>• Decreased start up and cool down time</li> <li>• Improved dry cycle reduces rusting and dulling of instruments</li> </ul>	<ul style="list-style-type: none"> <li>• Small chamber size</li> <li>• Instruments emerge very hot</li> <li>• Requires the use of distilled water</li> </ul>
Dry Heat (Rapid)	<ul style="list-style-type: none"> <li>• No corrosion</li> <li>• Instruments are dry at the end of cycle</li> <li>• Time efficient</li> <li>• Does not dull sharp instruments or corrode metals</li> </ul>	<ul style="list-style-type: none"> <li>• Instruments must be dry before packaging and sterilization</li> <li>• Plastic and rubber products may be damaged</li> <li>• Metals can develop light yellow-brown discoloration and lose shiny appearance</li> </ul>
Chemical Vapor	<ul style="list-style-type: none"> <li>• Less rusting and dulling of instruments</li> <li>• Time efficient</li> <li>• Instrument packs/wraps come out dry or almost dry</li> </ul>	<ul style="list-style-type: none"> <li>• Requires special solution</li> <li>• Plastic and rubber products may be damaged</li> <li>• Must have proper ventilation</li> </ul>

### Storage and Distribution

- Cool hot instrument packs slowly to prevent condensation on instruments.
- Cassettes, instruments packs, and pouches processed through steam sterilizers must be completely dry before storage and distribution.
- Careful handling of processed instruments must be maintained throughout storage to ensure sterility.
- Store a maximum of one month, use a first in, first out stock rotation system.

## Hand Instrument Cassettes

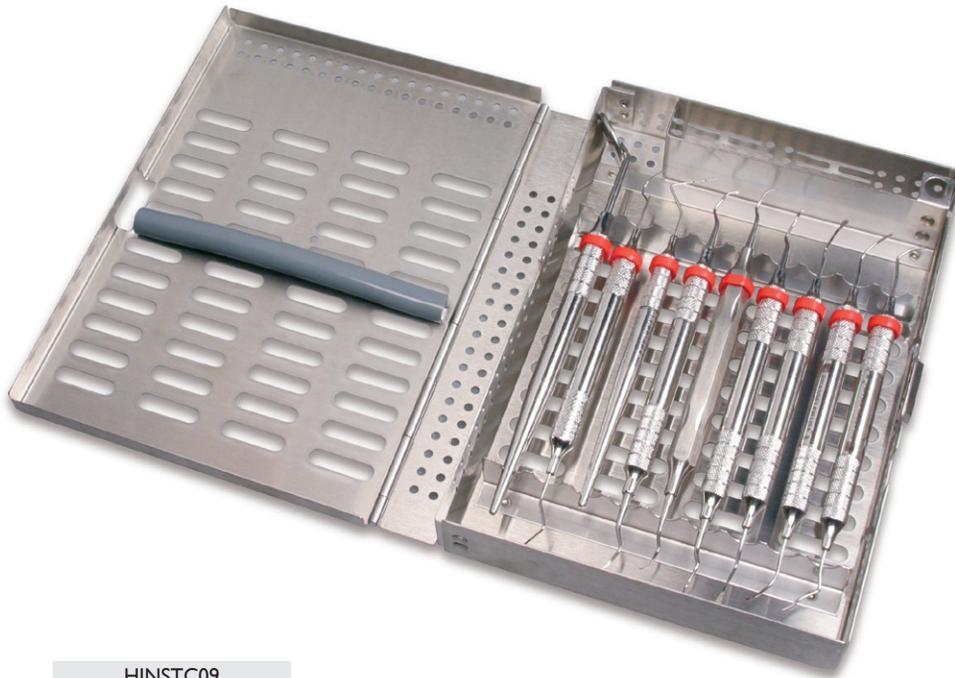
### Handpiece Cassette with Silicone Mat Insert



HINSTC05

- Dimensions: 7 15/16" x 2 3/4" x 1 3/8"
  - Perfect for use as a handpiece cassette or small exam setup. Can hold up to five hand instruments. Includes silicone mat insert.
- \* Handpieces shown are not included.

### 9-Count Cassette



HINSTC09

- Dimensions: 8" x 5 7/8" x 1 3/16"
  - The ideal rack size for most procedure systems, features convenient accessory compartment for storage of sharpening stones or syringes.
- \* Hand instruments shown are not included.

## Hand Instrument Cassettes

### 10-Count Cassette with Side Compartment



HINSTC10

- Dimensions: 8 1/16" x 9 1/8" x 1 1/4"
- Side compartment for storage of syringes, sharpening stones, and ring-handled or odd-sized instruments.
- \* *Hand instruments shown are not included.*

### 16-Count Cassette with Side Compartment



HINSTC16

- Dimensions: 8 3/16" x 10 3/4" x 1 1/4"
- Generous size is just right for specialty setups. Side compartment for storage of syringes, sharpening stones, and ring-handled or odd-sized instruments.
- \* *Hand instruments shown are not included.*

## Hand Instrument Cassettes

### 9-Count Cassette with Removable Lid



CASS9

- Dimensions: 8 1/16" x 5 1/16" x 1 1/4"
- The ideal rack size for most procedure systems with removable full coverage lid.

## Procedure Systems

### Gracey Hygiene Hand Instrument Kit

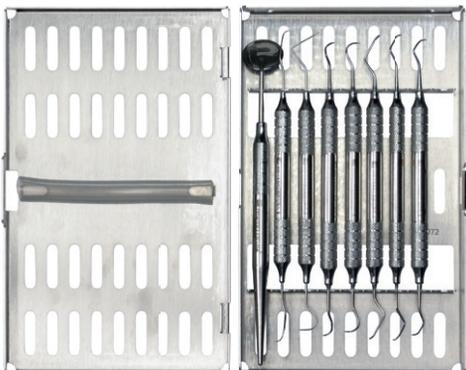


K0071

Gracey Hygiene Hand Instrument Kit includes:

- | MH6CS Cone Socket Mirror Handle
- | FSCS5/1 #5 Cone Socket Front Surface Mirror
- | EXODU11/126 Explorer
- | EX23/CP126 Expro
- | S204S6 Scaler
- | SH6/H76 Scaler
- | SG1/26 Gracey 1/2
- | SG7/86 Gracey 7/8
- | SG11/126 Gracey 11/12
- | SG13/146 Gracey 13/14
- | HINSTC09 Cassette

### Universal Hygiene Hand Instrument Kit



K0072

Universal Hygiene Hand Instrument Kit includes:

- | MH6CS Cone Socket Mirror Handle
- | FSCS1 #5 Cone Socket Front Surface Mirror
- | EXODU11/126 Explorer
- | EX23/CP126 Expro
- | S204S6 Scaler
- | SH6/H76 Scaler
- | SBH1/26 Barnhart 1/2
- | SBH5/66 Barnhart 5/6
- | SCI3/146 Columbia Curette 13/14
- | HINSTC09 Cassette

# Sharpening Stones

## Arkansas Sharpening Stones

- Arkansas Stones are fine grit, natural stones used for routine hand instrument sharpening.
- Lubrication with oil is required with Arkansas Stones.
- Autoclavable.



AS6A

- Dimensions: 1/2" x 2" x 4"
- Slip Stone



AS4

- Dimensions: 1/2" x 1" x 4"
- Flat Stone



ASKC

- Dimensions: 1/4" x 4"
- Round Stone

## Ceramic Sharpening Stone

- Ceramic Stones can be lubricated with water or used dry; oil not required.
- Autoclavable.



SS3C

- Dimensions: 1/4" x 1 1/4" x 3"
- Medium Grit Ceramic Stone

## Code Rings

Color code instrument rings available in small/regular (1/8 inch) and large (1/4 inch). Single color packages contain 50 pieces. Assorted color packages contain five (5) pieces of each color, a total of 50 pieces.



Code Rings Color	Product Order Number Small Rings	Product Order Number Large Rings
Blue	CR-BLS	CR-BLL
Pink	CR-PKS	CR-PKL
White	CR-WS	CR-WL
Black	CR-BKS	CR-BKL
Red	CR-RS	CR-RL
Yellow	CR-YS	CR-YL
Green	CR-GRNS	CR-GRNL
Orange	CR-OS	CR-OL
Purple	CR-PUS	CR-PUL
Gray	CR-GRYS	CR-GRYL
Assortment	CR-ASSTS	CR-ASSTL

Code Rings (56 Rings per Pack): For use with HygienePro® Cushion Grip Instrument Handles

						
<b>CGCRBLUE</b> Blue	<b>CGCRTEAL</b> Teal	<b>CGCRFUSCIA</b> Fuscia*	<b>CGCRYELLOW</b> Yellow	<b>CGCRLTGREEN</b> Light Green	<b>CGCRWHITE</b> White	<b>CGCRRED</b> Red
						
<b>CGCRGREEN</b> Green	<b>CGCRORANGE</b> Orange	<b>CGCRPURPLE</b> Purple	<b>CGCRBROWN</b> Brown	<b>CGCRBLACK</b> Black	<b>CGCRGRAY</b> Gray	<b>CGCRPINK</b> Pink

**CGCRASST**  
Assortment

# HygienePro™ Cordless

## LIGHTWEIGHT & ERGONOMIC

The HygienePro handpiece combines light weight with outstanding design. Sized and balanced specifically for today's busy dental hygiene professional and weighing in at only 3.5 ounces, the HygienePro is a pleasure to use, every day.



## SMOOTH & POWERFUL

Lightweight doesn't mean you sacrifice power! The HygienePro features a variable speed range (from 500 - 2,500 RPM), delivering smooth performance with all the torque you demand.

## PORTABLE & DEPENDABLE

You will appreciate the cordless feature of the HygienePro. No more drag and no more tangled cords. Plus, the HygienePro's powerful battery and charger means the unit stands at the ready all day.

## VERSATILE

Whether you use disposable prophy angles or use screw-in or snap-on prophy cups, the HygienePro has an attachment that fits your needs.

### Hygiene Pro Cordless

- Variable Speed Range:  
500-2,500 rpm
- 9 Speed Settings
- Battery Life Indicator
- 1 Year Warranty

Order No. 5021324U0



### Attachments



For disposable prophy angles  
4:1 reduction

Order No. 5021326U0

HygienePro™

# HygienePro™ Air

## ERGONOMIC DESIGN

Our slim design, up to 15% lighter and 10% shorter than competitive handpieces, minimizes hand fatigue.

## WHISPER QUIET

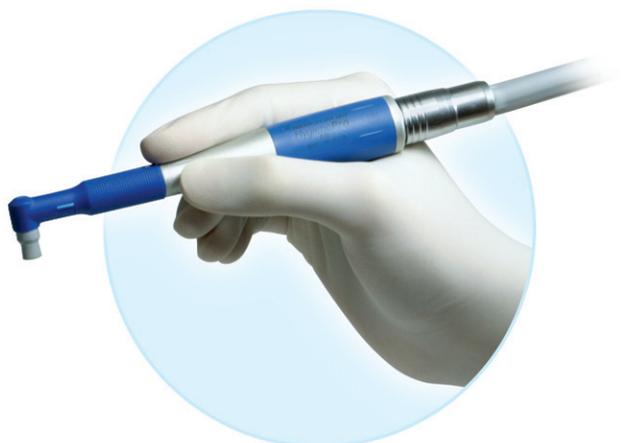
Your patient's stress level will be greatly reduced with the HygienePro Air's virtually silent operation.

## FULL SWIVEL

The HygienePro Air swivels at your fingertips, providing excellent maneuverability during polishing procedures.

## VERSATILE

The HygienePro Air will work with all standard doriot style disposable or metal angles, and connects directly to all 4-hole tubing.



Maximum Motor Speed: 2,600 rpm  
 Weight: 2.5 oz.  
 Length: 4.0 inches  
 Connects Directly to 4 Hole Tubing  
 1 Year Warranty

Order No. 5021318U0

	Compatible Air Motors	Length	Weight
	HygienePro™ Air	4.0 in	2.5 oz.
	Midwest® RDH®	4.4 in	2.8 oz.
	KaVo® PROPHYWiz®	4.3 in	2.8 oz.

Midwest®, RDH®, KaVo® and PROPHYWiz® are not registered trademarks of Brasseler USA.

## Disposable Prophy Angles



- Box of 100 or Bulk Box of 1200
- Available in Firm or Soft
- Latex Free



	100 ct.	1200 ct.
Firm	DPAF	DPAFI200
Soft	DPAS	DPASI200

## Disposable Prophy Brush



- Box of 100
- Latex Free

	100 ct.
Order No.	DPAB

## Disposable Prophy Cups

### Screw Type



- Box of 144
- Available in Firm or Soft
- Latex Free

	144 ct.
Firm	DPSCCF
Soft	DPSCCS

### Snap-On Type



- Box of 144
- Available in Firm or Soft
- Latex Free

	144 ct.
Firm	DPSNCF
Soft	DPSNCS

### Latch Type



- Box of 144
- Available in Firm or Soft
- Latex Free

	144 ct.
Firm	DPLACF
Soft	DPLACS

## Glisten™ Prophy Paste

- Contains Fluoride
- Gluten Free
- Box contains 200 unit dose cups and 1 autoclavable prophy ring

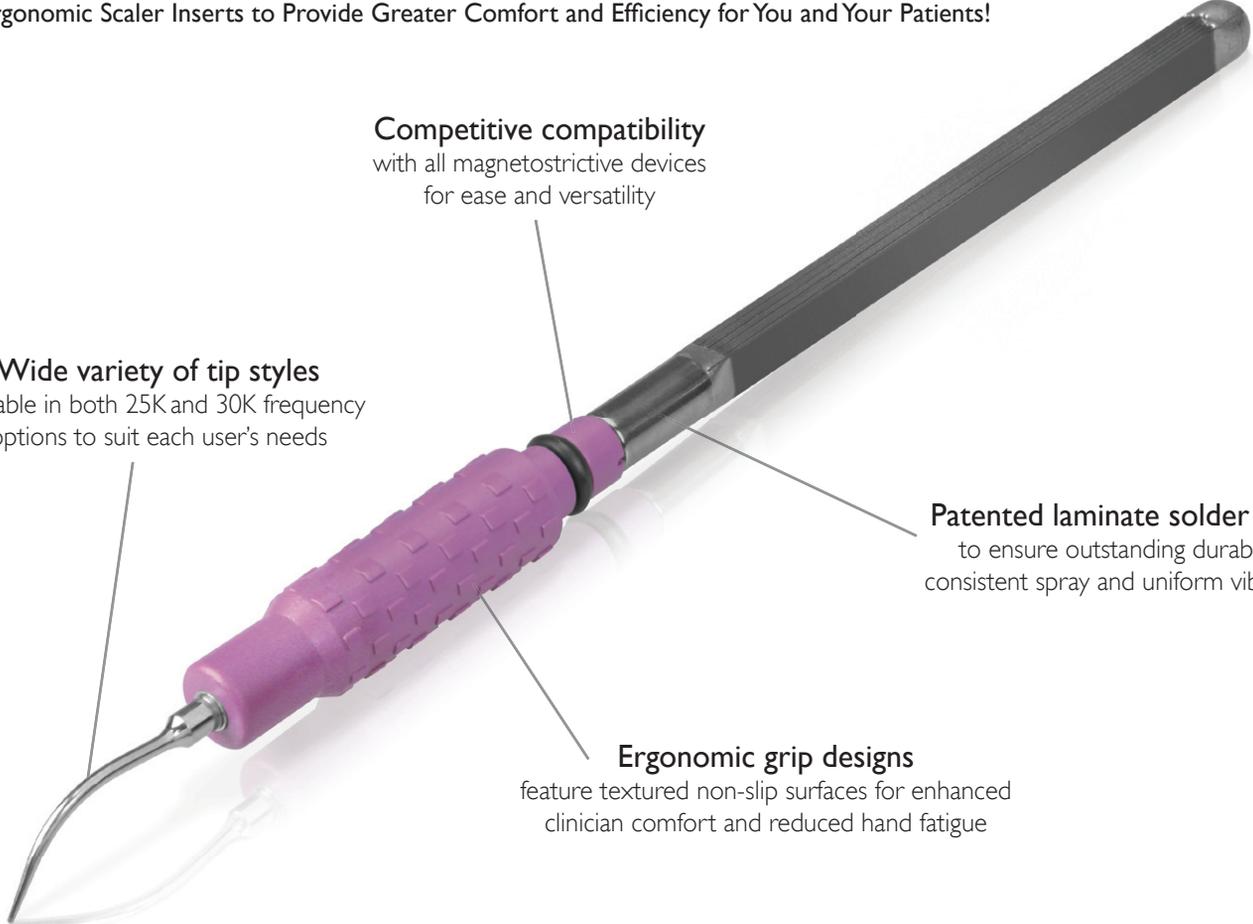


		Fine	Medium	Coarse	Extra-Coarse	Kids Medium-Fine
Mint		PRP-MF	PRP-MM	PRP-MC	PRP-MXC	N/A
Cherry		N/A	PRP-CM	PRP-CC	N/A	N/A
Root Beer		N/A	PRP-RBM	PRP-RBC	N/A	N/A
Bubble Gum		N/A	PRP-BM	PRP-BC	N/A	N/A
Chocolate		N/A	PRP-CHOM	PRP-CHOC	N/A	N/A
Kids Asst. (Bubble Gum, Root Beer, Chocolate)		N/A	N/A	N/A	N/A	PRP01CH
Adult Asst. (Mint, Chocolate, Cherry)		N/A	PRP01AD	PRP02AD	N/A	N/A

HygienePro™

# HygienePro™ Ultrasonic Scaler Inserts

24 Ergonomic Scaler Inserts to Provide Greater Comfort and Efficiency for You and Your Patients!



**Competitive compatibility**  
with all magnetostrictive devices  
for ease and versatility

**Wide variety of tip styles**  
available in both 25K and 30K frequency  
options to suit each user's needs

**Patented laminate solder joint**  
to ensure outstanding durability,  
consistent spray and uniform vibration

**Ergonomic grip designs**  
feature textured non-slip surfaces for enhanced  
clinician comfort and reduced hand fatigue



#10  
UNIVERSAL

Available in slotted and direct focus water delivery options.



#100  
SLIM

Available in slotted and direct focus water delivery options.



#1000  
TRIPLE BEND

Available in slotted water delivery option only.



#3  
BEAVER TAIL

Available in slotted water delivery option only.

*Is it time to replace your ultrasonic scaler inserts?*  
 Did you know that only the last 2mm of an insert tip are the most active?  
 After 1mm of the tip is worn away, 25% of the tip's efficiency is lost.  
 After 2mm of the tip is worn away, 50% of the tip's efficiency is lost.

Hard Grip Ultrasonic Scaler Inserts



Brasseler USA® Order No.	Brasseler USA® Item No.	Hu-Friedy®	DENTSPLY® (Cavitron®)	Tip Design	Water Delivery
5023962U0	HG10U25S	UI1025K	TFI-10 25K	#10 Universal	Slotted
5023961U0	HG10U30S	UI1030K	TFI-10 30K		
5023960U0	HG10U25DF	UI25SF10	FSI-10 25K		Direct Focus
5023959U0	HG10U30DF	UI30SF10	FSI-10 30K		
5023958U0	HG100S25S	UI25K100S	TFI-100 25K	#100 Slim	Slotted
5023957U0	HG100S30S	UI30K100S	TFI-100 30K		
5023956U0	HG100S25DF	UI25SF100	FSI-100 25K		Direct Focus
5023955U0	HG100S30DF	UI30SF100	FSI-100 30K		
5023954U0	HG1000TB25S	UI100025K	TFI-1000 25K	#1000 Triple Bend	Slotted
5023953U0	HG1000TB30S	UI100030K	TFI-1000 30K		
5023963U0	HG3BT25S	UI325K	TFI-3 25K	#3 Beaver Tail	Slotted
5023964U0	HG3BT30S	UI330K	TFI-3 30K		

Soft Grip Ultrasonic Scaler Inserts



Brasseler USA® Order No.	Brasseler USA® Item No.	Hu-Friedy®	DENTSPLY® (Cavitron®)	Tip Design	Water Delivery
5023952U0	SG10U25S	UI25SS10	TFI-10 25K	#10 Universal	Slotted
5023951U0	SG10U30S	UI30SS10	TFI-10 30K		
5023967U0	SG10U25DF	UI25SD10	FSI-10 25K		Direct Focus
5023968U0	SG10U30DF	UI30SD10	FSI-10 30K		
5023950U0	SG100S25S	UI25SS100	TFI-100 30K	#100 Slim	Slotted
5023949U0	SG100S30S	UI30SS100	TFI-100 30K		
5023948U0	SG100S25DF	UI25SD100	FSI-100 25K		Direct Focus
5023947U0	SG100S30DF	UI30SD100	FSI-100 30K		
5023965U0	SG1000TB25S	UI25SS1000	TFI-1000 25K	#1000 Triple Bend	Slotted
5023966U0	SG1000TB30S	UI30SS1000	TFI-1000 30K		
5023969U0	SG3BT25S	N/A	TFI-3 25K	#3 Beaver Tail	Slotted
5023970U0	SG3BT30S	N/A	TFI-3 30K		

Replacement O-Rings (Pack of 12)



Brasseler USA Order No.	Brasseler USA Item No.	Hu-Friedy®	DENTSPLY® (Cavitron®)
5024169U0	BL12	UBLKORING	62351

Hu-Friedy® is a registered trademark of Hu-Friedy Mfg. Co., LLC.  
DENTSPLY® and Cavitron® are registered trademarks of DENTSPLY International, Inc.

# Forza V3 Piezo Ultrasonic System

## FORZA V3

Elegant and Intuitive. These two words best describe the new Forza V3 piezo ultrasonic from Brasseler USA. At only 33 grams the slim, ergonomic design of the new Forza V3 handpiece provides excellent access while reducing hand fatigue. Stunning LED illumination from dual fiber optics delivers clearer vision and maximum visibility. Equally important is the Piezo Accelerator mode that instinctively provides additional power at the moment you need it most. The compact, space saving unit complements the simple-to-operate interface and can be easily installed in any dental operator. With a wide range of piezo ultrasonic tips available, the Forza V3 is ideal for a variety of clinical procedures including general scaling, perio and endo.

- Dual LED Fiber Optics
- Slim & Balanced Handpiece Design
- Compact Control Unit
- Simple Operation Control Panel
- General, Perio & Endo Applications
- Easy Power & Water Adjustment

Actual Size



Featuring Piezo Accelerator Technology



Non-Optic Complete Set

Order No. 5023152U0



Optic Complete Set

Order No. 5023153U0



**Set Contains:**

- Control Unit with Handpiece Cord
- Handpiece
- Control Unit Holder
- Handpiece Holder
- Water Filter Set
- Water Supply Connector
- Foot Control
- Tip Wrench with Torque Limiter
- AC Adapter
- Three Scaling Tips: G1, G4, G6



## Ultrasonic Tips & Accessories

Varios tips are compatible with Dentsply/Tulsa™, Hu-Friedy®, Obtura-Spartan®, Satalec®, Sybron Endo®, Vista™ and select EMS® units.

### Perio - Root Planing

PI	5012062U0				<b>P</b> Power Range: Min~4
P1D	5012063U0				<b>P</b> Power Range: Min~4 • Diamond coated
P2D	5010239U0		 (from above)		<b>P</b> Power Range: Min~4 • Diamond coated • Right curved tip
P3D	5010240U0		 (from above)		<b>P</b> Power Range: Min~4 • Diamond coated • Left curved tip
P10	5010241U0				<b>P</b> Power Range: Min~Max • Sharp edge
P20	5010242U0				<b>P</b> Power Range: Min~4 • Straight tip
P21R	5010243U0		 (from above)		<b>P</b> Power Range: Min~4 • Right curved tip
P21L	5010244U0		 (from above)		<b>P</b> Power Range: Min~4 • Left curved tip
P25R	5010245U0		 (from above)		<b>P</b> Power Range: Min~4 • Right curved tip
P25L	5010246U0		 (from above)		<b>P</b> Power Range: Min~4 • Left curved tip
P26R	5022654U0				<b>P</b> Power Range: Min~4 • Right curved tip
P26L	5022655U0				<b>P</b> Power Range: Min~4 • Left curved tip

For all ultrasonic tips, the practitioner should start at the lowest power setting and incrementally increase the power as needed. Thinner tips should always be used at the lowest functional power setting.

# Ultrasonic Tips & Accessories

Varios tips are compatible with Dentsply/Tulsa™, Hu-Friedy®, Obtura-Spartan®, Satalec®, Sybron Endo®, Vista™ and select EMS® units.

## Varios Ultrasonic Implant Tip

V10	5013301U0			V-Tip Holder • Plastic tip is not included
VPI0	5013302U0			<b>P</b> Power Range: 2-3 • Pack of 3

## Scaling (for EMS® Handpieces)

G1E	5013291U0				<b>G</b> Power Range: Min-3
G2E	5013292U0				<b>G</b> Power Range: Min-Max
G3E	5013293U0				<b>G</b> Power Range: Min-3
G4E	5013294U0				<b>G</b> Power Range: Min-3
G6E	5013295U0				<b>G</b> Power Range: Min-1

## Perio - Root Planing (for EMS® Handpieces)

P20E	5013296U0				<b>P</b> Power Range: Min-4 • Straight tip
P21RE	5013297U0		 (from above)		<b>P</b> Power Range: Min-4 • Right curved tip
P21LE	5013298U0		 (from above)		<b>P</b> Power Range: Min-4 • Left curved tip
P25RE	5013299U0		 (from above)		<b>P</b> Power Range: Min-4 • Right curved tip
P25LE	5013300U0		 (from above)		<b>P</b> Power Range: Min-4 • Left curved tip

For all ultrasonic tips, the practitioner should start at the lowest power setting and incrementally increase the power as needed. Thinner tips should always be used at the lowest functional power setting.

Dentsply/Tulsa™, Hu-Friedy®, Obtura-Spartan®, Satalec®, Sybron Endo®, Vista™ and EMS® are not registered trademarks of Brasseler USA.

## Loupes

# BRASSELER<sup>VE</sup>

## VISION ENHANCEMENT

### SUPERIOR RESOLUTION

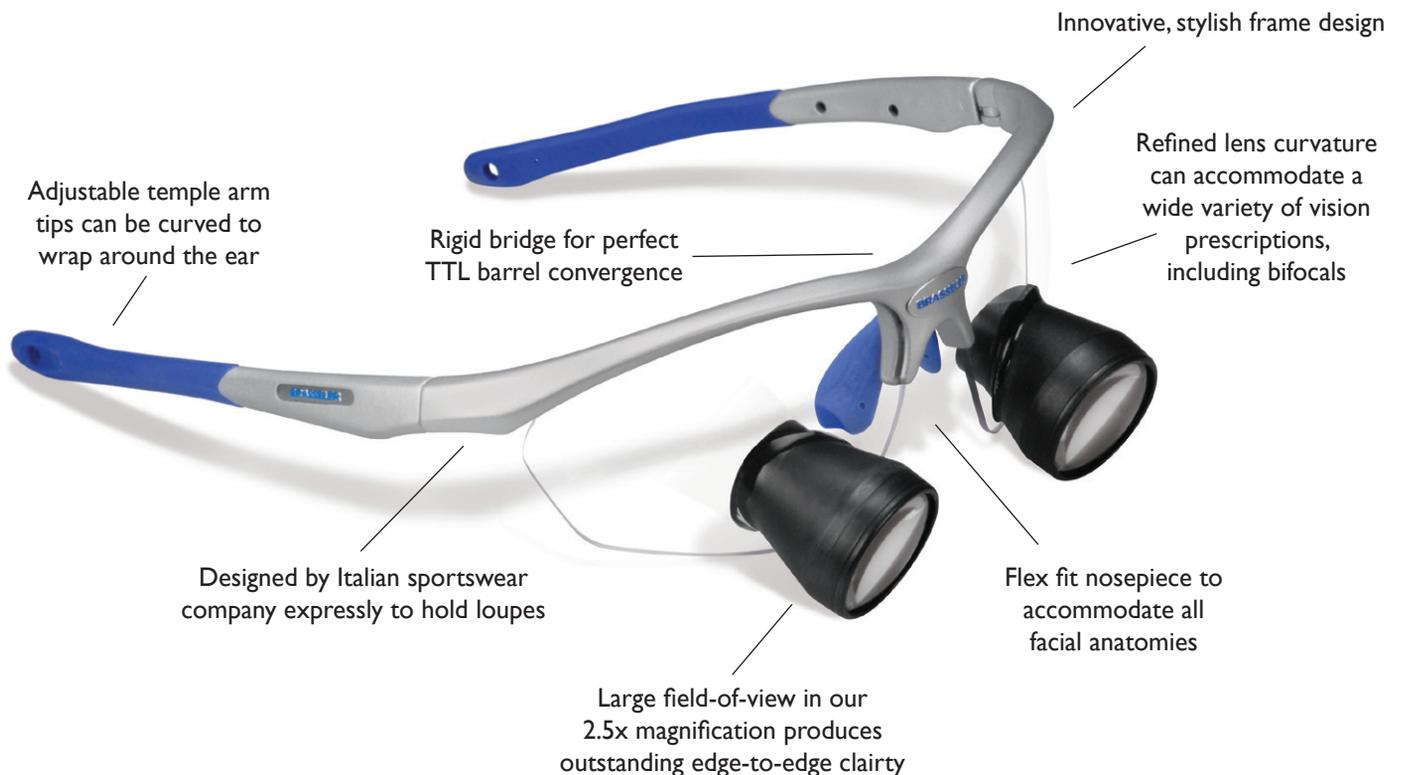
Highest quality optical glass ensures maximum image resolution, reducing eye fatigue and easing your adjustment to use of enhanced vision.

### RISK-FREE TRIAL

If you are not completely satisfied with your purchase simply return it within 30 days for a full refund.\*

### UNIQUE COLOR ACCESSORY KITS AVAILABLE!

BrasselerVE loupes feature a stylish, silver sport frame with blue accents. Express yourself by changing the blue accessories to the color of your choice. Accessory kits, sold separately, are available in pink, purple, red or black. Each kit includes temple arms, nosepad, and removable side shields in your chosen color.



\*Restrictions apply for prescription-added loupes

# Loupes

## TTL Loupes



B25TTLNS TTL LOUPES	5021222U0	B25TTLNR TTL LOUPES	5021225U0	B25TTLNL TTL LOUPES	5021228U0
B25TTLRS TTL LOUPES	5021223U0	B25TTLRR TTL LOUPES	5021226U0	B25TTLRL TTL LOUPES	5021229U0
B25TTLWS TTL LOUPES	5021224U0	B25TTLWR TTL LOUPES	5021227U0	B25TTLWL TTL LOUPES	5021230U0

## Flip-Up Loupes



B25FLIPS FLIP-UP LOUPES	5021231U0
B25FLIPR FLIP-UP LOUPES	5021232U0
B25FLIPL FLIP-UP LOUPES	5021233U0

CONTACT YOUR BRASSLER REPRESENTATIVE FOR AN IN-OFFICE LOUPE FITTING.

## Loupes - Parts &amp; Accessories

BCOLKITBLACK	5021632U0	Color accessory kit in black. Includes black nose pad & screw, black frame arms & screws, black side shields, and installation instructions.
BCOLKITPINK	5021630U0	Color accessory kit in pink. Includes pink nose pad & screw, pink frame arms & screws, pink side shields, and installation instructions.
BCOLKITPURPLE	5021631U0	Color accessory kit in purple. Includes purple nose pad & screw, purple frame arms & screws, purple side shields, and installation instructions.
BCOLKITRED	5021633U0	Color accessory kit in red. Includes red nose pad & screw, red frame arms & screws, red side shields, and installation instructions.
BTLENSCAPS	5021241U0	Clear plastic lens covers for TTL Loupes, IPR
BFLNSCAPS	5021240U0	Clear plastic covers for Flip-Up Loupes, IPR
BSCREW1	5021243U0	Replacement screw for Loupe frame nose pad, IP
BSCREW2	5021246U0	Replacement hex screws to attach Flip-Up Loupes to frame, IPR
BSCREW3	5021250U0	Replacement screw for frame temple arm, IP
BTHUMBNUT	5021244U0	Replacement thumbnut for Flip-Up Loupes, IP
BFLIPPADDLE	5021253U0	Black plastic flip paddles for Flip-Up Loupes, IPR
BCLOTH	5021254U0	Microfiber cleaning cloth for Loupes, IP
BPLATE1	5021256U0	Replacement Brasseler nameplate for frame temple arm, IP
BPLATE2	5021257U0	Replacement oval Brasseler nameplate for center of frame bridge, IP
BSIDESHIELDS	5021251U0	Blue snap-in side shields for Loupe frame, IPR
BFRAMESB	5021247U0	Sport frame only. Features standard color combination, silver with blue accents, IP
B25S	5021235U0	Flip-Up barrels only, short working distance
B25R	5021236U0	Flip-Up barrels only, regular working distance
B25L	5021237U0	Flip-Up barrels only, long working distance
BRENS	5021238U0	Replacement plano carrier lens for right side of sport frame, IP
BLENS	5021239U0	Replacement plano carrier lens for left side of sport frame, IP
BHINGE	5021245U0	Replacement Flip-Up Loupe back hinge section. Includes 2 hex screws for mounting to frame.
BLNOSEPAD	5021242U0	Replacement blue nose pad for sport frame. Includes frame screw.
BARMRSB	5021248U0	Right temple arm only, standard frame color combination-silver with blue accents, IP
BARMLSB	5021249U0	Left temple arm only, standard frame color combination-silver with blue accents, IP
BSTRAPGRY	5021255U0	Grey safety strap for BrasselerVE sport frame, IP
BSCREWDRIVER	5021252U0	Screwdriver with changeable, double-end head. Small flat head and large flat head, IP
BCLUTCH	5015484U0	Blue clutch storage box for Loupes, IP



## LED HEADLIGHT SYSTEM

### POWERFUL, 7,000 FOOT CANDLE ILLUMINATION

The BrasselerVE Portable LED Headlight's unique lens design ensures light beam remains focused, minimizing diffusion and scattering.

### PURE WHITE LIGHT WITH THREE INTENSITY SETTINGS

The state-of-the-art Lithium Ion battery provides over 7 hours of use and maintains your chosen setting so the light output will never degrade as the battery's charge decreases.

### MAXIMUM VERSATILITY

In addition to BrasselerVE Loupes, the LED Headlight can be customized to mount to most other manufacturers' loupes.

### FEATHER LIGHT & COMPLETELY PORTABLE

Measuring just an inch in diameter and weighing less than one ounce, the BrasselerVE LED Headlight sets the standard for supreme comfort and power.

#### Headlight Specifications

Diameter:	1.0" (26 mm)
Weight:	0.70 oz (20 grams)
Temperature:	6,500° K
Brightness:	
Level 3 (max)	7,000 foot candles
Level 2	5,000 foot candles
Level 1 (min)	3,000 foot candles

#### Battery Specifications

Type:	Lithium Ion
Weight:	8.5 oz (241 grams)
Dimensions:	2.5" x 3.8" x 1.0" (64 mm x 97 mm x 26 mm)
Run Time:	
Level 3 (max)	7 hours on high power
Level 2	10 hours on medium power
Level 1 (min)	17 hours on low power



LEDKITTL 5021693U0

- Complete LED Light System for TTL Loupes
- Includes TTL Accessory Kit

LEDKITFLIP 5021694U0

- Complete LED Light System for Flip-Up Loupes
- Includes Flip-Up Accessory Kit

## LED Headlight System - Parts &amp; Accessories

LEDCLIPKITTTL	5021695U0	Mounting kit only. Includes 2 jaw clamps, mounting block, screws, accessories, and instructions to mount LED Light to BrasselerVE & various manufacturers' TTL Loupes.
LEDCLIPKITFLIP	5021696U0	Mounting kit only. Includes 3 clips, accessories, and instructions to mount LED Light to BrasselerVE & various manufacturers' Flip-Up Loupes.
LEDCLIPKITUNIV	5021697U0	Mounting kit only. Includes Universal frame clip with mounting block, accessories, and instructions to mount LED Light to various manufacturers' TTL Loupes.
LEDCLIPKITZEISS	5021698U0	Mounting kit only. Includes circular mounting block, clip, screws, accessories, and instructions to mount LED Light to Zeiss™ Prism Flip-Up Loupes.
LEDBATTERY	5021699U0	Lithium ion battery pack for BrasselerVE Headlight, battery holster sleeve not included.
LEDTTLCABLE	5021700U0	Replacement LED & cable only, includes LEDMJAW clamp.
LEDFLIPCABLE	5021701U0	Replacement LED & cable only, includes LEDCLIPF2 clip.
LEDCHARGER	5021702U0	Charger for LED Battery Pack, Battery Pack Not Included
LEDTEMPLECLIP	5021703U0	Large Cable Coil, used to attach LED cable to loupe frame arm
LEDFILTER	5021710U0	Composite Curing Filter with Mounting Ring, screw and nut mounting hardware included.
BSFTCASELIGHT	5015483U0	Black Neoprene Storage Case for LED Headlight
LIGHT MOUNTING BLOCK	5021629U0	Used to TTL Headlight System to BrasselerVE TTL Loupes, and Various Manufacturers' TTL Loupes, includes 2 mounting screws
LEDCLIPF1	5022011U0	LED Clip for Flip-Up Loupes by Q-Optics, SheerVision®, Orascoptic™ Dimension-3®
LEDCLIPF2	5022012U0	LED Clip for Flip-Up Loupes by BrasselerVE, Orascoptic™ HiRes®
LEDCLIPGSC	5022013U0	LED Clip for Flip-Up Loupes by SurgiTel®
LEDFILTER	5021710U0	Composite filter for LED Headlight. Includes mounting hardware.
LEDCLIPMJAW	5022016U0	Micro Jaw Light clip for BrasselerVE, Orascoptic™, SurgiTel®, SheerVision®, PeriOptix™, various manufacturers' TTL Loupes. Used with light mounting block, sold separately.
LEDCLIPLJAW	5022017U0	Large Jaw Light clip for TTL Loupes by Designs for Vision®.
LEDSLEEVE	5022018U0	Battery holster sleeve with belt clip. Used to hold LED battery pack, sold separately.
LEDCOLLAR	5022019U0	Gown/lapel clip for LED cable.
LEDPRONG	5022020U0	Metal cable guide for LED cable.
DOUBLE END SCREWDRIVER	5022023U0	Screwdriver with changeable, double-end head-small flat head & small Phillips head.
BSFTCASELIGHT	5015483U0	Black neoprene storage case for LED Headlight.

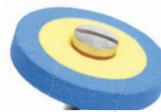




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