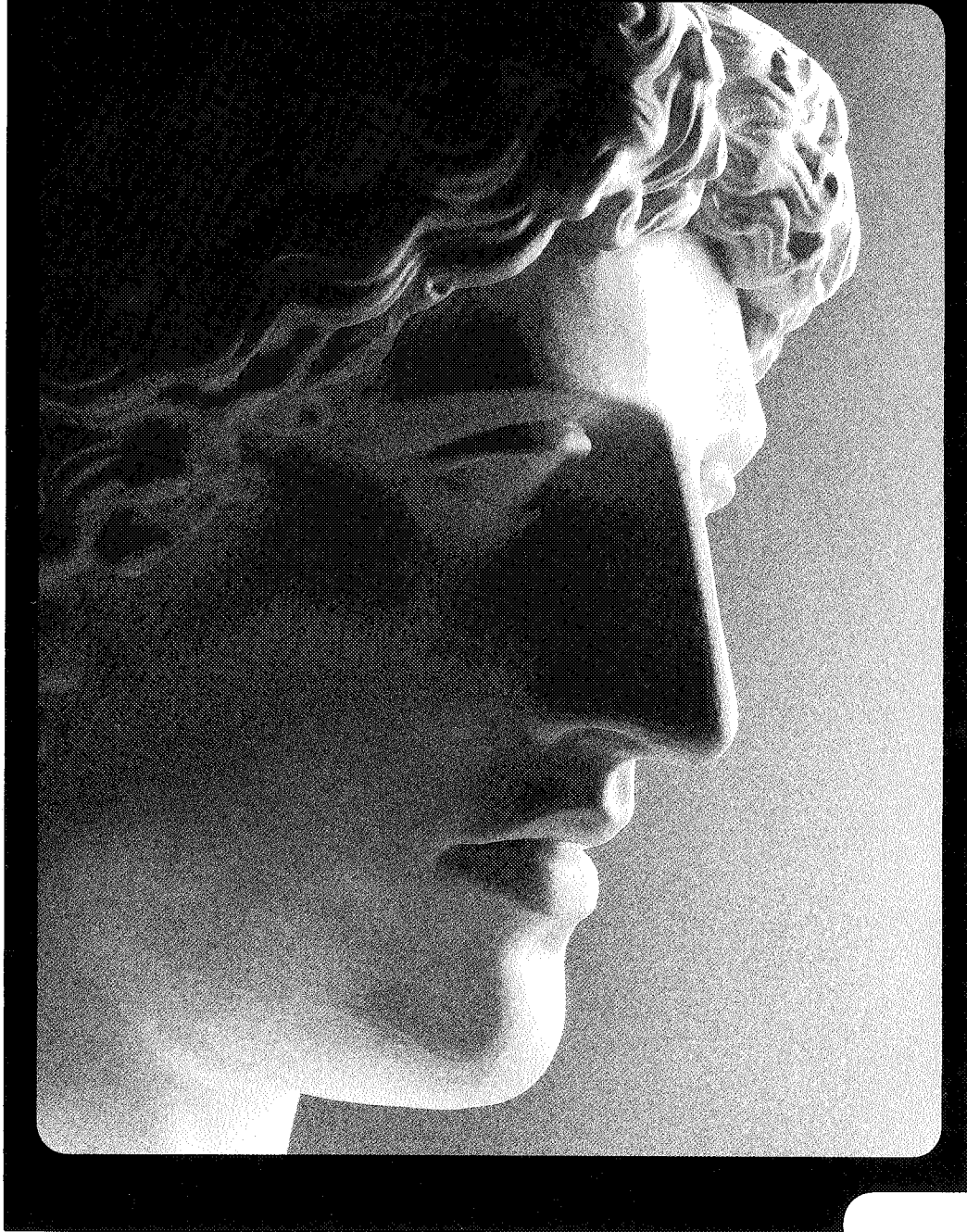


# The Oral/Maxillofacial System



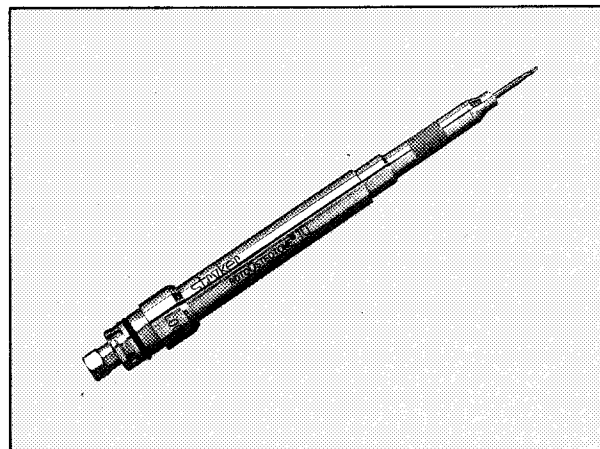
**stryker**<sup>®</sup>  
SURGICAL

# Stryker presents the Oral/Maxillofacial System.

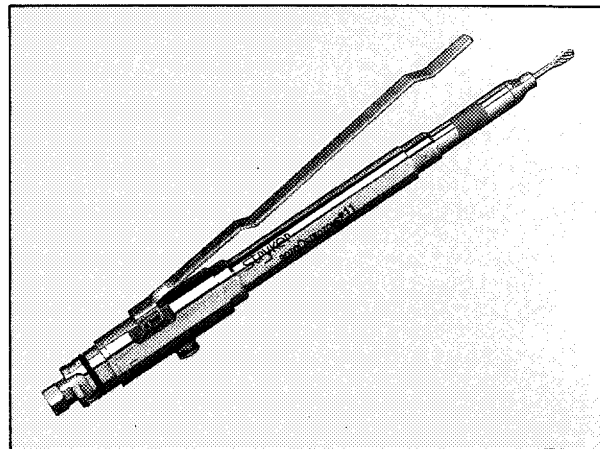
Performance and durability. The two standards by which all surgical instruments are measured. Since 1949, Stryker has been a pioneer in the development of instruments which consistently exceed the high demands placed upon them. Now these instruments, along with a wide range of procedure-specific accessories, give you the total system for performing detailed, exacting oral/maxillofacial surgery.

## High Speed/High Torque Drills

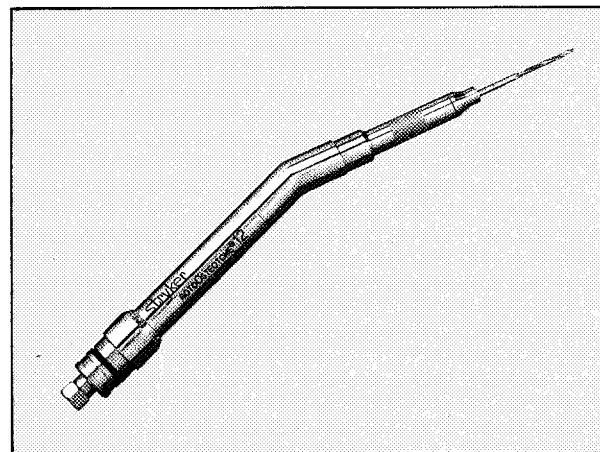
Powerful and compact instruments designed especially for oral/maxillofacial surgery. Permit rapid sectioning of enamel and removal of bone.



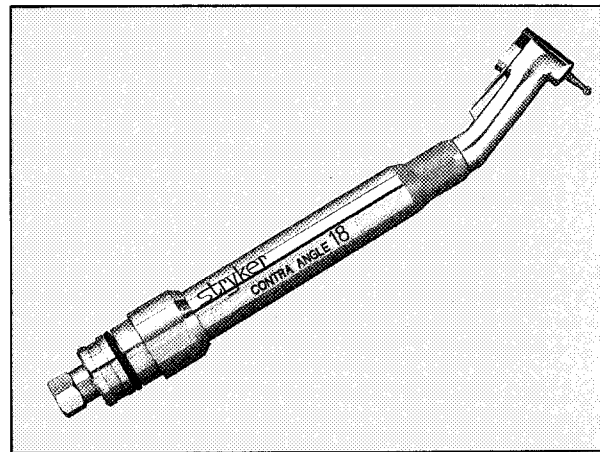
277-10 – Straight RotoOsteotome®



277-11 – Straight RotoOsteotome® (Handswitch)



277-12 – 20-degree RotoOsteotome®



277-18 – ContraAngle®

- ※ Streamlined. Narrow-nose design for intricate approaches and optimum visibility.
- ※ Balanced. Lightweight in-hand for comfort and control.
- ※ High speed for sectioning of enamel or precise sculpting of bone.
- ※ High torque for demanding osteotomies such as those requiring sidcutting burs.
- ※ Positive lock "J-notch" burs eliminate outward migration and assure the consistent transmission of power.
- ※ Lubrication-free motors eliminate routine maintenance.
- ※ Replaceable motor cartridges for on-site repairs.
- ※ Total stainless-steel construction for lasting durability.
- ※ Rapid sterilization reduces turnaround time.
- ※ Extensive selection of carbide and stainless-steel burs.

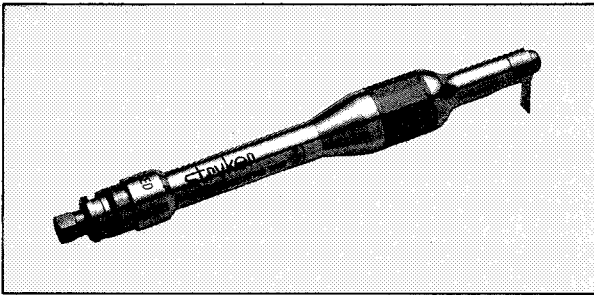
**ContraAngle® – 277-18** – features a 90° angle for difficult to access areas.

### Recommended Applications:

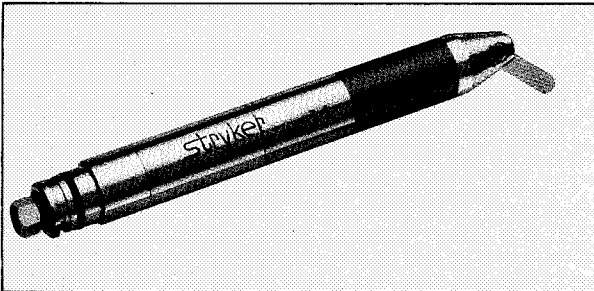
| Procedure                            | Handpiece                         | Attachments                         |
|--------------------------------------|-----------------------------------|-------------------------------------|
| Impaction removal                    | 277-10; 277-11;<br>277-12; 277-18 | Carbide burs of choice              |
| Tori removal                         | 277-10; 277-11;<br>277-12; 277-18 | Bur or router                       |
| Apicoectomy                          | 277-10; 277-11;<br>277-12; 277-18 | Carbide burs of choice              |
| Sagittal split                       | 277-10                            | 1608-2-43 Lindeman sidcutting drill |
| Facial fractures                     | 277-10; 277-11;<br>277-12; 277-18 | Wire pass drills of choice          |
| Temporomandibular joint arthroplasty | 277-10; 277-11;<br>277-12         | Diamond or polishing burs of choice |

## Micro Saws

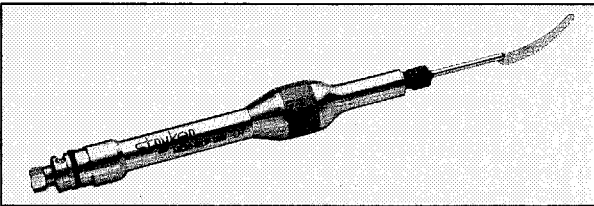
Precision saws from Stryker combine maximum visibility and constant power. Narrow frontal design provides uninhibited blade positioning.



277-31 – Oscillating



277-34 – Sagittal



277-37 – Reciprocating

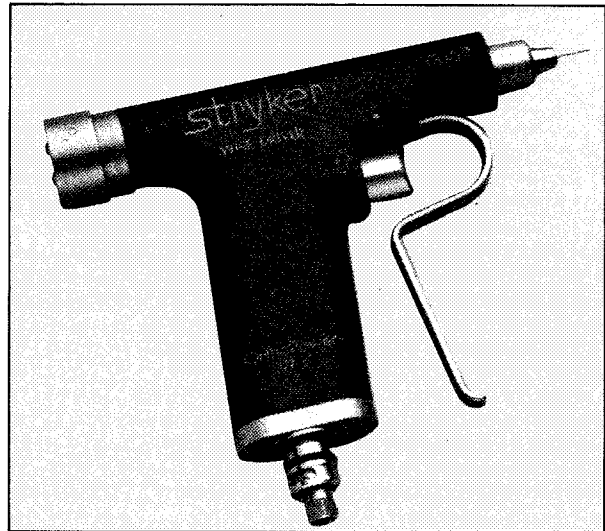
- ※ Lightweight and balanced for comfort and control.
- ※ Positive blade drive assures safe, secure cutting.
- ※ Lubrication-free motors eliminate routine maintenance.
- ※ Total stainless-steel construction for lasting durability.
- ※ Rapid sterilization reduces turnaround time.
- ※ Procedure specific blades for safe, efficient cutting.

### Recommended Applications

| Procedure                            | Handpiece         | Attachments                           |
|--------------------------------------|-------------------|---------------------------------------|
| <b>Prognathism</b>                   |                   |                                       |
| Intraoral                            | 277-31;<br>277-30 | Choice of mandibular osteotomy blades |
| Extraoral                            | 277-37            | 1675-20 vertical osteotomy blade      |
| <b>Micrognathism</b>                 |                   |                                       |
| Sagittal split                       | 277-10            | 1608-2-43 Lindeman sidecutting drill  |
|                                      | 277-37            | 1675-133 reciprocating blade          |
| Temporomandibular joint arthroplasty | 277-37            | Rasps of choice                       |

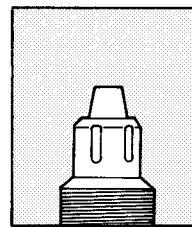
## Wire Driver

Versatile.  
For complete range of fixation requirements.

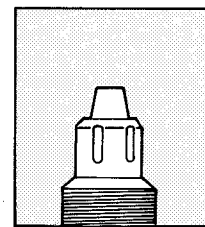


277-80

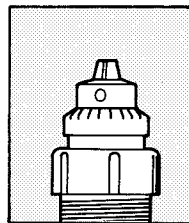
- ※ Pressure-sensitive trigger provides responsive power level for every step of the procedure.
- ※ Multiple collets enable handpiece to accept:
  - .028-.062 K-wires
  - .062-.109 pins
  - drill bits up to 4.0 mm shank diameter
  - drill bits, taps, screwdrivers with A.O. Synthes, quick connect fittings
  - drill bits, taps, screwdrivers with standard trinkle fitting
- ※ Pistol grip for comfort and control.
- ※ Convenient forward/reverse for removal of threaded devices.



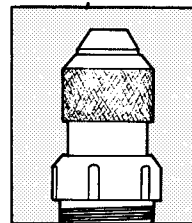
277-80-062 –  
Wire Chuck



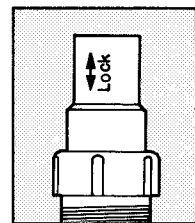
277-80-109 –  
Pin Chuck



277-80-131 –  
5/32" Jacobs Chuck



277-80-110 –  
A.O. Synthes Chuck

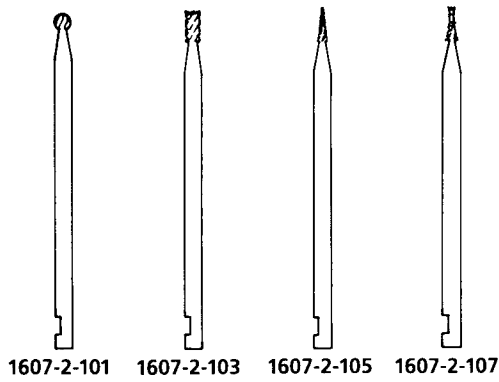


277-80-112 –  
Trinkle Chuck

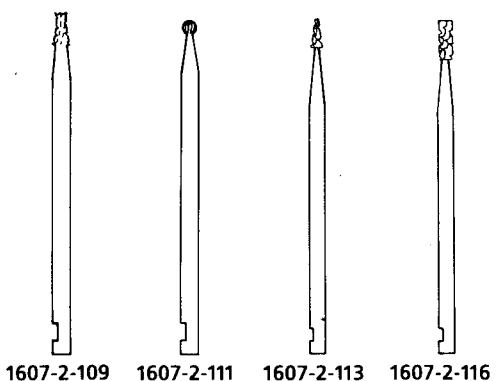
# Burs and Blades\*

Complementing every Stryker micro-instrument is a selection of procedure-specific blades and burs. Each one is designed and manufactured to ensure a smooth, controlled cut.

## RotoOsteotome® Solid Carbide Burs



1607-2-101 1607-2-103 1607-2-105 1607-2-107

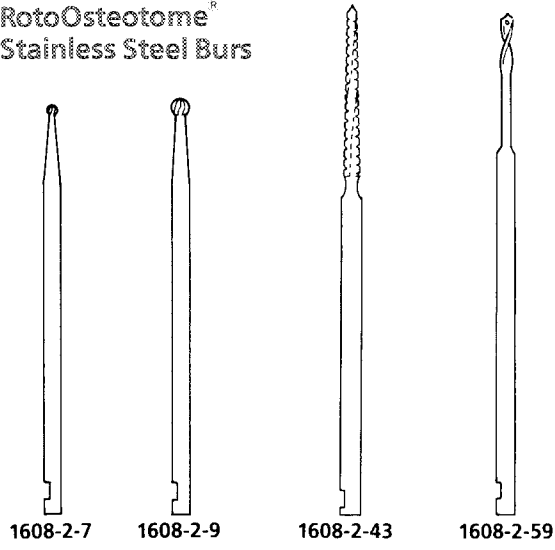


1607-2-109 1607-2-111 1607-2-113 1607-2-116

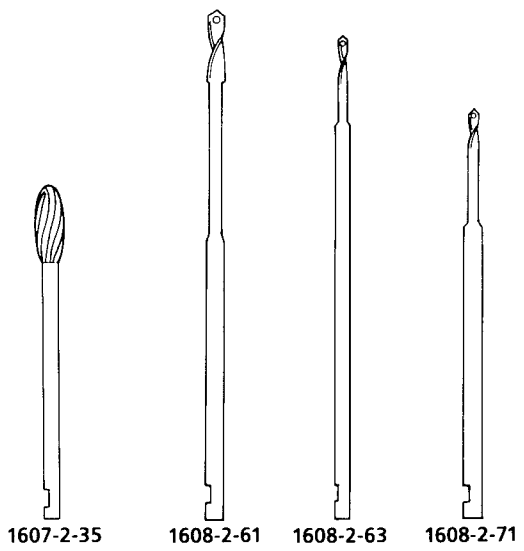
| Product No. | Description        | Head Dia. (mm) | No. of Flutes |
|-------------|--------------------|----------------|---------------|
| 1607-2-101  | Round              | 2.26           | 6             |
| 1607-2-103  | Side Cutting       | 1.57           | 6             |
| 1607-2-105  | Taper Side Cutting | 1.14           | 6             |
| 1607-2-107  | Taper Side Cutting | 1.65           | 6             |

| Product No. | Description        | Head Dia. (mm) | No. of Flutes |
|-------------|--------------------|----------------|---------------|
| 1607-2-109  | Taper Side Cutting | 2.03           | 6             |
| 1607-2-111  | Round              | 1.78           | 8             |
| 1607-2-113  | Taper Side Cutting | 1.14           | 7             |
| 1607-2-116  | Steiger            | 1.68           | 6             |

## RotoOsteotome® Stainless Steel Burs



1608-2-7 1608-2-9 1608-2-43 1608-2-59

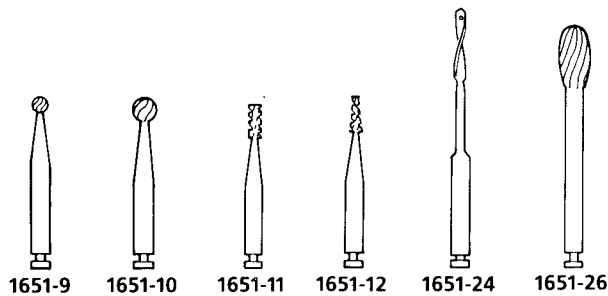


1607-2-35 1608-2-61 1608-2-63 1608-2-71

| Product No. | Description     | Head Dia. (mm) | No. of Flutes |
|-------------|-----------------|----------------|---------------|
| 1608-2-7    | Round           | 1.57           | 6             |
| 1608-2-9    | Round           | 2.36           | 8             |
| 1608-2-43   | Lindeman Drill  | 2.21           | N/A           |
| 1608-2-59   | Wire Pass Drill | 1.57           | N/A           |

| Product No. | Description     | Head Dia. (mm) | No. of Flutes |
|-------------|-----------------|----------------|---------------|
| 1607-2-35   | Egg             | 3.94           | 10            |
| 1608-2-61   | Wire Pass Drill | 2.03           | N/A           |
| 1608-2-63   | Wire Pass Drill | 1.12           | N/A           |
| 1608-2-71   | Wire Pass Drill | 1.30           | N/A           |

## ContraAngle® Solid Carbide Burs



1651-9 1651-10 1651-11 1651-12 1651-24 1651-26

| Product No. | Description | Head Dia. (mm) | No. of Flutes |
|-------------|-------------|----------------|---------------|
| 1651-9      | Round       | 1.91           | 6             |
| 1651-10     | Round       | 3.12           | 8             |
| 1651-11     | Cylindrical | 1.65           | 5             |

| Product No. | Description      | Head Dia. (mm) | No. of Flutes |
|-------------|------------------|----------------|---------------|
| 1651-12     | Tapered          | 1.30           | 6             |
| 1651-24     | Wire Pass Drill* | 1.57           | N/A           |
| 1651-26     | Alveolectomy*    | 4.01           | 10            |

\*Stainless Steel

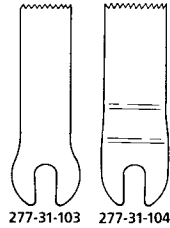
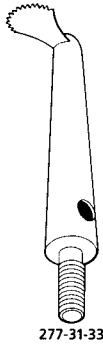
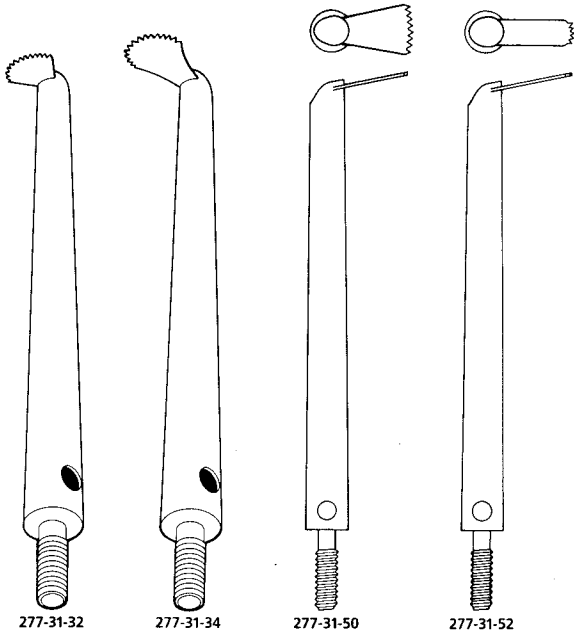
### Inches/Millimeter Conversion

1 inch = 25.4 mm



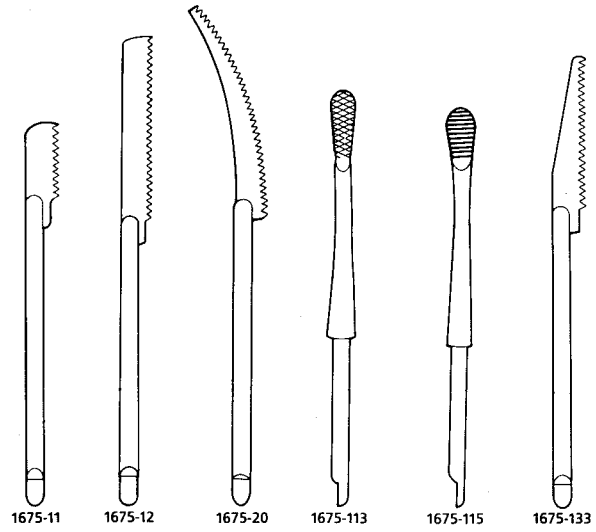
\*Burs are shown actual size. Blades are 72% of actual size.

## Micro-Oscillating Saw Blades



| Product No. | Description                     | Teeth (in) | Teeth (cm) | Cut Edge (mm) | Thickness (mm) | Actual Cut Depth (mm) | Fixed Point Travel (mm) |
|-------------|---------------------------------|------------|------------|---------------|----------------|-----------------------|-------------------------|
| 277-31-32   | Mandibular Osteotomy SafEdge    | 22         | 8.66       | 11.43         | 0.64           | 6.99                  | 1.38                    |
| 277-31-33   | Iliac Graft SafEdge             | 22         | 8.66       | 11.56         | 0.64           | 12.00                 | 2.09                    |
| 277-31-34   | Mandibular Osteotomy SafEdge    | 22         | 8.66       | 11.56         | 0.64           | 12.00                 | 2.09                    |
| 277-31-50   | Mandibular Osteotomy            | 22         | 8.66       | 9.27          | 0.64           | 12.00                 | 2.06                    |
| 277-31-52   | Mandibular Osteotomy Aggressive | 22         | 8.66       | 5.05          | 0.64           | 12.00                 | 2.06                    |
| 277-31-103  | Oscillating                     | 22         | 8.66       | 9.53          | 0.38           | 25.27                 | 4.42                    |
| 277-31-104  | Oscillating Offset              | 22         | 8.66       | 11.30         | 0.38           | 25.27                 | 4.42                    |

## Micro-Reciprocating Saw Blades

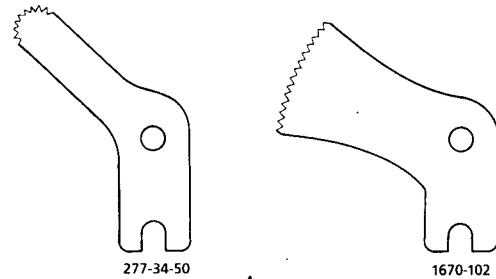
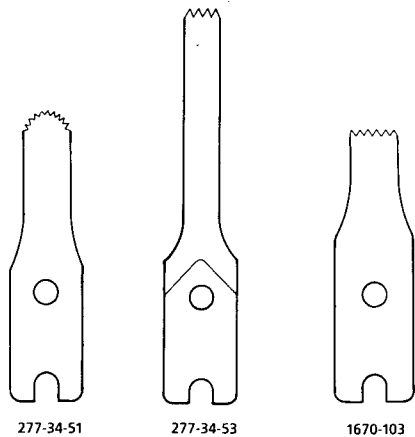


| Product No. | Description         | Teeth (in) | Teeth (cm) | Cut Edge (mm) | Thickness (mm) | Height (mm) | Fixed Point Travel (mm) |
|-------------|---------------------|------------|------------|---------------|----------------|-------------|-------------------------|
| 1675-11     | Short Reciprocating | 20         | 7.87       | 14.25         | 0.64           | 6.10        | 2.54                    |
| 1675-12     | Reciprocating       | 20         | 7.87       | 32.82         | 0.64           | 5.99        | 2.54                    |
| 1675-20     | Vertical Osteotomy  | 20         | 7.87       | 41.02         | 0.64           | 5.46        | 2.54                    |

| Product No. | Description               | Cut Edge (mm) | Width (mm) | Fixed Point Travel (mm) |
|-------------|---------------------------|---------------|------------|-------------------------|
| 1675-113    | Small Tear Cross-Cut Rasp | 11.10         | 4.70       | 2.54                    |
| 1675-115    | Small Tear Rasp           | 11.20         | 5.82       | 2.54                    |

| Product No. | Description           | Teeth (in) | Teeth (cm) | Cut Edge (mm) | Thickness (mm) | Fixed Point Travel (mm) |
|-------------|-----------------------|------------|------------|---------------|----------------|-------------------------|
| 1675-133    | Tapered Reciprocating | 20         | 7.87       | 27.31         | 0.64           | 2.54                    |

## Micro-Sagittal Saw Blades



| Product No. | Description                | Teeth (in) | Teeth (cm) | Cut Edge (mm) | Thickness (mm) | Actual Cut Depth (mm) | Fixed Point Travel (mm) |
|-------------|----------------------------|------------|------------|---------------|----------------|-----------------------|-------------------------|
| 277-34-50   | Angled Sagittal SafEdge®   | 22         | 8.66       | 6.35          | 0.64           | 20.27                 | 3.14                    |
| 277-34-51   | Straight Sagittal SafEdge® | 22         | 8.66       | 6.32          | 0.64           | 20.27                 | 3.14                    |
| 277-34-53   | Metatarsal Osteotomy Blade | 22         | 8.66       | 4.60          | 0.64           | 31.50                 | 4.87                    |
| 1670-102    | Angled Sagittal            | 22         | 8.66       | 15.80         | 0.64           | 20.27                 | 3.55                    |
| 1670-103    | Straight Sagittal          | 22         | 8.66       | 6.73          | 0.64           | 17.09                 | 3.10                    |

# Micro-Irrigator – 283

Proper irrigation keeps burs and blades cool and clean for accurate, detailed cutting and superior visibility. Lowers risk of thermal necrosis and reduces congestion at surgical site.



Easy-loading face of the Stryker Micro-Irrigator.

## Micro-Irrigator 283 – Three modes of operation:

### Automatic

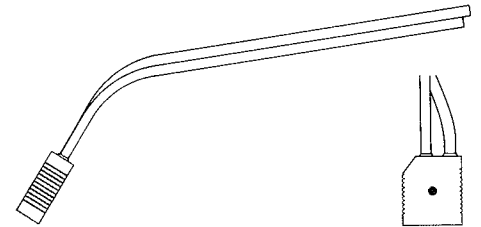
Irrigation activated when powered handpiece is in operation.

### Manual

Irrigation independent of handpiece.

### Micro-Tip

Fingertip control of irrigation with Stryker micro suction/irrigation tips.



Micro-Irrigator Suction/Irrigation Tips  
For use with Model 283 only.

Frazier  
Tip

## Micro-Irrigator Tubing Sets and Tips

|            |   |
|------------|---|
| 280-12-215 | PVC Irrigation-only Tube Set (sterile) 10/Box                     |
| 280-12-100 | Silicone Irrigation-only Tube Set (clean)†                        |
| 280-12-260 | Micro-Irrigation Tip for 277-10, 277-11†                          |
| 280-12-261 | Micro-Irrigation Tip for 277-12†                                  |
| 280-12-262 | Micro-Irrigation Tip for 277-18†                                  |
| 280-12-263 | Micro-Irrigation Tip for 277-140†                                 |
| 280-12-264 | Micro-Irrigation Tip for 277-142†                                 |
| 280-12-300 | Micro-Irrigation Tip for 277-31 Oscillating Saw†                  |
| 280-12-301 | Micro-Irrigation Tip for 277-37 Reciprocating Saw†                |
| 280-12-325 | Micro-Irrigation Tip for use with Hall Drills 5058-001, 5053-095† |
| 280-12-350 | Micro-Irrigation Tip for Hall Saw 5053-098†                       |
| 280-12-351 | Micro-Irrigation Tip for Hall Reciprocating Saw 5053-096†         |
| 280-12-250 | Standard Micro-Irrigator Tip for 277-10, 277-11†                  |
| 284-1-54   | Stryker Male/Schrader Female Adaptor*                             |
| 1400-11    | Stryker Female/Schrader Male Adaptor*                             |

\*These adaptors allow Schrader pneumatic hoses to be used with the Stryker Micro-Irrigator.

†1/Box

## Micro-Tips

Used for suction/irrigation when independent suction/irrigation is required. The specially-beveled atraumatic tips prevent tissue trauma. The micro-tip mode is selected when fingertip control for suction and irrigation is used. Eleven feet of tubing is supplied from the pump to the sterile field, with a variable irrigation flow up to 125cc per minute.

- ❖ Fingertip control of both suction and irrigation minimizes congestion of people and instruments.
- ❖ Lets you control exact placement and timing of irrigation in difficult to access areas.

## Irrigation Tips

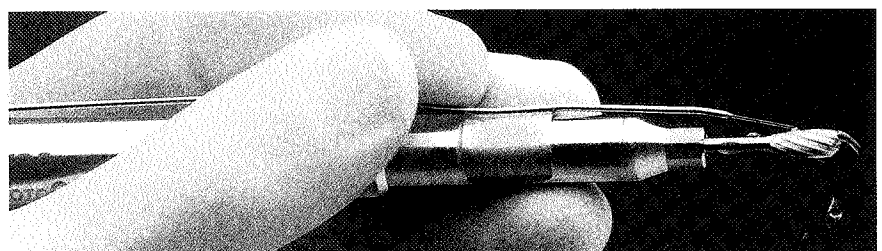
These tips fit securely on the micro-surgical handpiece and can be left on during sterilization. The micro-drill or saw can be run independent of irrigation, or irrigation can be automatically activated when handpiece is operating. Irrigation tips are available for Stryker and Hall handpieces.

- ❖ Compatible micro-irrigation. Use with Stryker or Hall handpiece.
- ❖ Procedure-specific tips allow a controlled flow.
- ❖ Micro-Irrigator is available with 1500cc reusable/resterilizable reservoir for convenient office use. (Micro-Irrigator – 284)

## Micro-Irrigator Suction/Irrigation Tips (Use with 280-11-215 PVC Micro-Tip Tube Set)

### Frazier Suction/Irrigation Tips: 9cm length, 45° bend.

|            |                    |
|------------|--------------------|
| 280-11-103 | 3 French Diameter  |
| 280-11-105 | 5 French Diameter  |
| 280-11-107 | 7 French Diameter  |
| 280-11-110 | 10 French Diameter |



Narrow irrigation tip snaps neatly onto your Stryker or Hall micro-surgical instrument.

## Fiber Optics

Providing you with cool, shadow-free light required at the surgical site.

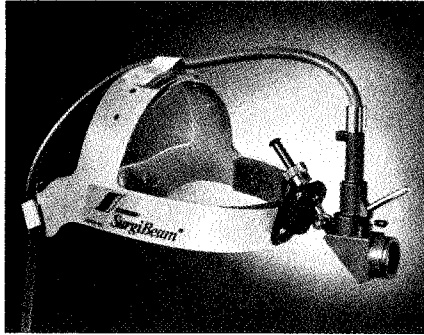


### TriBeam™ Projector

220-14 (110V) – 220-142 (220V)

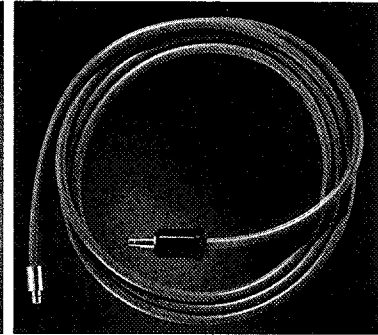
- For diagnostic and operative work.
- Cool light with the security of a back-up bulb.
- ACMI fittings.

**BiBeam™ Projector** (not shown)  
220-16 (110V) – 220-162 (220V)



### Variable Spot Headlight – 220-35

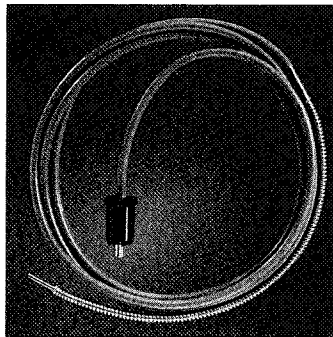
- For shadow-free, cool illumination.
- Adjustable lens bracket allows accurate positioning of the light beam.
- Lever-slide, variable spot lens from 3 inches to 3/8 inch.
- Lightweight (6 oz.). Comfortable.



### Headlight Cable – 220-21

3/16 inch x 9.5 foot cable for fiber-optic headlight.

## Retractors



### Retractor Cable – 220-25

1/8 inch x 9.5 foot cable for fiber-optic retractors.



**Shea Retractor**  
1675-26  
General purpose retractor for oral/maxillofacial surgery.



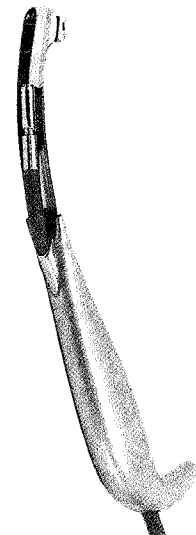
**Extraoral Retractor**  
1675-25  
Sigmoid notch retractor for the extraoral approach to prognathic surgery.



**Intraoral Retractor**  
1620-25  
Posterior border ramus retractor for intraoral prognathic surgery.



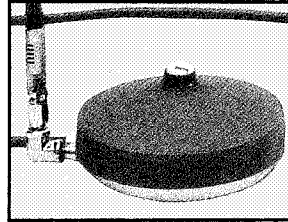
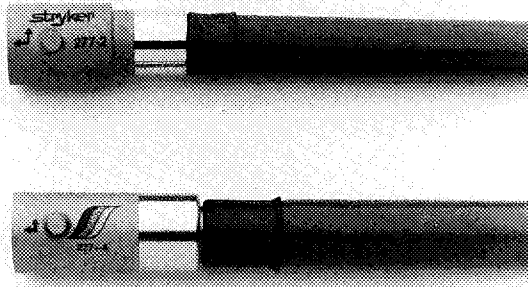
**Petri Retractor**  
1675-15  
Pterygoid retractor for maxillary surgery.



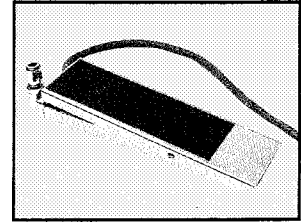
**Bauer Retractors**  
1620-20 Right  
1620-21 Left (not shown)  
Sigmoid notch retractors for the intraoral approach to prognathic surgery.



# Power Accessories



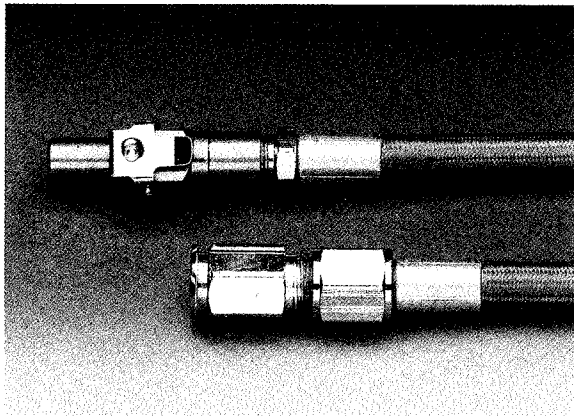
**277-7  
Round Footswitch**  
Variable speed, allows  
operation from any  
angle or foot position.



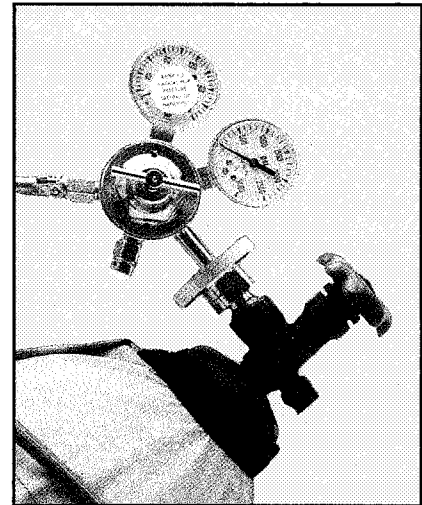
**1407  
Accelerator  
Footswitch**  
(variable speed)

## Micro-Instrument Input Hoses

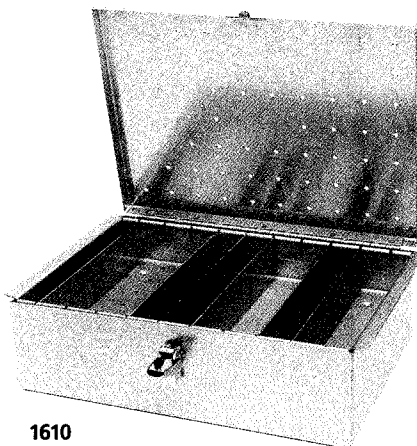
- 277-2 2 CFM (10')
- 277-4 9 CFM (7')



- Extension hose**
- 1408 (5 feet)
- 1408-15 (15 feet)



**1400-8  
Single Stage Regulator**  
Hand-tightened tank attachment  
wheel. No wrenches required.



**1610  
Sterilization Case**



**1400-12  
Ohio Regulator  
Adaptor**



**1400-11  
Hall Regulator  
Adaptor**

**stryker**  
SURGICAL