Neuro Spine ENT
Product Catalog

access
to better Outcomes

Advancing meaningful innovation
Improving patient’s lives
Contents

pneumatic
Maestro Drills

electric
Sumex Drill
U Drill
UHT Drill
Saber Drill
ESSx Microdebrider
Micro Saw
Universal Driver

bone mill
The Mill

ultrasonic aspirator
Sonopet Universal
Every life improved by innovations like CORE (Consolidated Operating Room Equipment) demonstrates Stryker’s commitment to achieving better patient outcomes.

Stryker. Advancing meaningful innovations that provide greater access to better outcomes.
Maestro Pneumatic

Maestro Drill
5400-200-000

Maestro Drill with Handswitch
5400-201-000

Irrigation Clips

5100-010-272 Long Elite Irrigation Clip
5100-010-270 Medium Elite Irrigation Clip
5100-010-210 Short TPS Irrigation Clip
5100-010-200 Medium/Long TPS Irrigation Clip

SD/PD Series Elite Attachments

5100-120-450 SD/PD Series Elite Medium Straight
5100-120-450s1 SD/PD Series XL Elite Medium Straight
5100-120-470 SD/PD Series Elite Long Straight
5100-120-470s1 SD/PD Series XL Elite Long Straight
5100-120-480 SD/PD Series Elite Extra Long Straight
5100-120-480s1 SD/PD Series XL Elite Extra Long Straight
5100-120-484 SD/PD Series Elite Extra Long Straight w/ Bur Guard
5100-120-485 SD/PD Series Elite Extra Long Plus Straight
5100-120-490 SD/PD Series Elite Extra Long Plus Straight
5100-120-452 SD/PD Series Elite Medium Angled
5100-120-452s1 SD/PD Series XL Elite Medium Angled
5100-120-472 SD/PD Series Elite Long Angled
5100-120-482 SD/PD Series Elite Extra Long Angled
5100-120-492 SD/PD Series Elite Extra Long Plus Angled

Precision Round Two Flute Bur
with RIM Glide Technology

Ordering Information

5820-009-030 3.0mm Precision Round Two Flute Bur
5820-009-040 4.0mm Precision Round Two Flute Bur
5820-009-050 5.0mm Precision Round Two Flute Bur
5820-009-060 6.0mm Precision Round Two Flute Bur
5820-009-075 7.5mm Precision Round Two Flute Bur
**Maestro Pneumatic**

**PD Series Attachments**

- **5400-210-090** PD Series Extra Long Straight RX
- **5400-210-070** PD Series Straight AM
- **5400-210-072** PD Series Angled AM
- **5400-210-050** PD Series Straight M
- **5400-210-052** PD Series Angled M
- **5400-210-020** PD Series Straight O
- **5400-210-011** Right Angle Attachment
- **5400-210-051** Adjustable Depth Drill Guide

**DuraGuards**

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 mm</td>
<td>5400-210-057</td>
<td>Fixed</td>
</tr>
<tr>
<td></td>
<td>5400-210-257</td>
<td>Steering</td>
</tr>
<tr>
<td>16 mm</td>
<td>5400-210-058</td>
<td>Fixed</td>
</tr>
<tr>
<td></td>
<td>5400-210-258</td>
<td>Steering</td>
</tr>
<tr>
<td>25 mm</td>
<td>5400-210-059</td>
<td>Fixed</td>
</tr>
<tr>
<td></td>
<td>5400-210-259</td>
<td>Steering</td>
</tr>
</tbody>
</table>

- **5400-210-059s1** PD Series Extended Footed Attachment

**Tapered Router**

- **5400-071-057** Head Diameter: 1.5
- **5400-071-058** Head Diameter: 1.7
- **5400-071-059** Head Diameter: 1.7
- **5400-071-059s1** Extended Router

**For use with DuraGuards and D-Attachment**

<table>
<thead>
<tr>
<th>Head Diameter (mm)</th>
<th>Head Length (mm)</th>
<th>DuraGuard</th>
<th>Router</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>12.0</td>
<td>D-57</td>
<td>5400-071-057</td>
</tr>
<tr>
<td>1.7</td>
<td>16.0</td>
<td>D-58</td>
<td>5400-071-058</td>
</tr>
<tr>
<td>1.7</td>
<td>25.0</td>
<td>D-59</td>
<td>5400-071-059</td>
</tr>
</tbody>
</table>

**Maestro Accessories**

- **5400-218-000** Universal Foot Pedal
  - Three functional operations (exhausting, non-exhausting, handswitch)
  - Variable speed control
- **5400-207-000** Non-Exhaust Foot Pedal
- **5400-208-000** Exhausting Foot Pedal
- **5400-279-000** Maestro Sterilisation Case
- **5400-006-000** Diffuser (10/pkg)
- **5400-005-000** Oil Cartridge (10/pkg)
- **5400-206-000** Tapered Router (1.5/1.7/1.7 mm)
  - Head Diameter (mm): 1.5, 1.7, 1.7
  - Head Length (mm): 12.0, 16.0, 25.0

**Maestro Irrigation Console**

- **5400-210-011** Right Angle Attachment
- **5400-210-050** PD Series Straight M
- **5400-210-052** PD Series Angled M
- **5400-210-020** PD Series Straight O
- **5400-210-051** Adjustable Depth Drill Guide
Sumex Drill

PD Series Attachments

5400-210-070 PD Series Straight AM
5400-210-072 PD Series Angled AM

5400-210-090 PD Series Extra Long Straight RX
5400-210-111 Right Angle Attachment
5400-210-050 PD Series Straight M
5400-210-052 PD Series Angled M
5400-210-051 Adjustable Depth Drill Guide
5400-210-050 PD Series Straight O

5400-210-059 PD Series Angled M

Adjustable Depth Drill Guide

Tapered Router

For use with DuraGuards and D-Attachment

<table>
<thead>
<tr>
<th>Head Diameter (mm)</th>
<th>DuraGuard</th>
<th>Router</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>D-57</td>
<td>5400-071-057</td>
</tr>
<tr>
<td>1.7</td>
<td>D-58</td>
<td>5400-071-058</td>
</tr>
<tr>
<td>1.7</td>
<td>D-59</td>
<td>5400-071-059</td>
</tr>
</tbody>
</table>

5400-210-056 "D" Attachment

5400-060-001 Zyphr Perforator Bit (14/11mm)

DuraGuards

<table>
<thead>
<tr>
<th>Diameter</th>
<th>DuraGuard</th>
<th>Router</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 mm</td>
<td>5400-210-057 Fixed</td>
<td>5400-210-257 Steering</td>
</tr>
<tr>
<td>16 mm</td>
<td>5400-210-058 Fixed</td>
<td>5400-210-258 Steering</td>
</tr>
<tr>
<td>25 mm</td>
<td>5400-210-059 Fixed</td>
<td>5400-210-259 Steering</td>
</tr>
</tbody>
</table>

5400-071-059s1 Extended Router

5400-210-059s1 PJ Series Extended Footed Attachment
**U Drill/UHT Drill**

- **5400-100-000** CORE U Drill
- **5400-110-000** UHT Drill
- **5100-009-000** Handswitch
- **5400-111-000** UHT Handswitch

**U Series Elite Attachments**

- **5100-010-450** U Series Elite Medium Straight
- **5100-010-470** U Series Elite Long Straight
- **5100-010-480** U Series Elite Extra Long Straight
- **5100-010-490** U Series Elite Extra Long Plus Straight
- **5100-010-452** U Series Elite Medium Angled
- **5100-010-472** U Series Elite Long Angled
- **5100-010-482** U Series Elite Extra Long Angled

**Attachments**

- TPS Burs
- Elite Burs
- Zyphr™ Burs
- MIS Burs
**U Series Attachments**

- 5100-010-011 U Series Right Angle
- 5100-010-020 U Series Short Straight O
- 5100-010-022 U Series Short Angled O
- 5100-010-050 U Series Medium Straight M
- 5100-010-052 U Series Medium Angled M
- 5100-010-070 U Series Long Straight AM
- 5100-010-072 U Series Long Angled AM
- 5100-010-080 U Series Long Straight R
- 5100-010-090 U Series Extra Long Straight RX
- 5100-010-050 U Series Medium Straight M
- 5100-010-052 U Series Medium Angled M
- 5100-010-060 U Series Perforator Chuck
- 5100-010-501 U Series Adjustable Depth Drill Guide
- 5100-010-070 U Series Long Straight AM
- 5100-010-072 U Series Long Angled AM
- 5100-010-200 Medium/Long TPS Irrigation Clip
- 5100-010-204 Core Duraguard Irrigation Clip
- 5100-010-206 U Series D Attachment
- 5100-010-210 Short TPS Irrigation Clip
- 5100-010-254 TPS Duraguard Irrigation Clip
- 5100-010-270 Medium Elite Irrigation Clip
- 5100-010-272 Long Elite Irrigation Clip
- 5100-010-056 U Series D Attachment

**U Series DuraGuards**

- Head Diameter (mm): 1.5, 1.7, 1.7
- Head Length (mm): 12.0, 16.0, 25.0
- DuraGuard Router: D-57, D-58, D-59

**Tapered Router**

- For use with DuraGuards and D-Attachment

**Irrigation Clips**

- 5100-010-272 Long Elite Irrigation Clip
- 5100-010-270 Medium Elite Irrigation Clip
- 5100-010-210 Short TPS Irrigation Clip
- 5100-010-204 TPS Duraguard Irrigation Clip
- 5100-010-200 Medium/Long TPS Irrigation Clip
- 5400-010-204 Core Duraguard Irrigation Clip
SD/PD Series Elite Attachments

5100-120-450  SD/PD Series Elite Medium Straight

5100-120-450s1  SD/PD Series XL Elite Medium Straight

5100-120-470  SD/PD Series Elite Long Straight

5100-120-470s1  SD/PD Series XL Elite Long Straight

5100-120-480  SD/PD Series Elite Extra Long Straight

5100-120-480s1  SD/PD Series XL Elite Extra Long Straight

5100-120-484  SD/PD Series Elite Extra Long Straight w/ Bur Guard

5100-120-485  SD/PD Series Elite Extra Long Plus Straight

5100-120-490  SD/PD Series Elite Extra Long Plus Straight

5100-120-452  SD/PD Series Elite Medium Angled

5100-120-452s1  SD/PD Series XL Elite Medium Angled

5100-120-472  SD/PD Series Elite Long Angled

5100-120-482  SD/PD Series Elite Extra Long Angled

5100-120-492  SD/PD Series Elite Extra Long Plus Angled
MIS Attachments

SD/PD MIS Attachments

5100-120-920  SD/PD MIS Medium Straight
5100-120-950  SD/PD MIS Long Straight
5100-120-952  SD/PD MIS Long Curved
5100-120-922  SD/PD MIS Medium Curved

U Series MIS Attachments

5100-010-920  U Series MIS Medium Straight
5100-010-950  U Series MIS Long Straight
5100-010-952  U Series MIS Long Curved
5100-010-922  U Series MIS Medium Curved

MIS Burs

- Variety of bur sizes and head styles
## Precision Cutters

### SharpEdge (5/pkg)
- **Part #**: 5290-340-000
- **Dia.**: 4.0 mm
- **Length**: 8 cm

### Angled Aggressive 12° (5/pkg)
- **Part #**: 5290-744-100
- **Dia.**: 4.0 mm
- **Length**: 11 cm

### Aggressive (5/pkg)
- **Part #**: 5290-648-000
  - **Dia.**: 4.0 mm
  - **Length**: 8 cm
- **Part #**: 5290-638-000
  - **Dia.**: 3.5 mm
  - **Length**: 8 cm
- **Part #**: 5290-628-000
  - **Dia.**: 2.5 mm
  - **Length**: 8 cm
- **Part #**: 5290-011-000
  - **Dia.**: 4.0 mm
  - **Length**: 11 cm

### Angled Aggressive 40° Convex (5/pkg)
- **Part #**: 5290-740-200
  - **Dia.**: 4.0 mm
  - **Length**: 11 cm

### Aggressive Serrated (5/pkg)
- **Part #**: 5290-645-000
  - **Dia.**: 4.0 mm
  - **Length**: 8 cm
- **Part #**: 5290-635-000
  - **Dia.**: 3.5 mm
  - **Length**: 8 cm

### Angled Aggressive Serrated 40° (5/pkg)
- **Part #**: 5290-440-100
  - **Dia.**: 4 mm
  - **Length**: 11 cm
- **Part #**: 5290-435-100
  - **Dia.**: 3.5 mm
  - **Length**: 11 cm

### Aggressive Serrated 60° (5/pkg)
- **Part #**: 5290-640-100
  - **Dia.**: 4 mm
  - **Length**: 8 cm
- **Part #**: 5290-635-000
  - **Dia.**: 3.5 mm
  - **Length**: 8 cm
- **Part #**: 5290-628-000
  - **Dia.**: 2.5 mm
  - **Length**: 8 cm
- **Part #**: 5290-011-000
  - **Dia.**: 4.0 mm
  - **Length**: 11 cm

### Angled Aggressive Serrated 60° (5/pkg)
- **Part #**: 5290-645-000
  - **Dia.**: 4.0 mm
  - **Length**: 8 cm
- **Part #**: 5290-635-000
  - **Dia.**: 3.5 mm
  - **Length**: 8 cm

### Jaguar (5/pkg)
- **Part #**: 5290-540-000
  - **Dia.**: 4.0 mm
  - **Length**: 8 cm
- **Part #**: 5290-530-000
  - **Dia.**: 3.5 mm
  - **Length**: 8 cm

### Angled Aggressive 60° (5/pkg)
- **Part #**: 5290-760-100
  - **Dia.**: 4.0 mm
  - **Length**: 11 cm

### Angled Aggressive 40° (5/pkg)
- **Part #**: 5290-740-100
  - **Dia.**: 4.0 mm
  - **Length**: 11 cm

### Burs

#### Hooded Round Bur (5/pkg)
- **Part #**: 5290-647-000
  - **Dia.**: 3.0 mm
  - **Length**: 8 cm

### Accessories

#### Irrigation Cassettes
- **Part #**: 5290-075-000 (10/pkg)
Micro Saw

6400-034-000 Sagittal Saw

Micro Dual-Cut Blades

Dual-Cut Advantages

- 21% More efficient cut patented dual-cut blade design provides greater cutting efficiency, resulting in quicker cuts, longer blade life and improved handpiece reliability
- 35% Reduction of heat reduced friction with improved blade efficiency results in less heat generated at the point of blade contact
- Patent pending

Sagittal Saw Advantages

- Rotating, indexing head
- 40% more power than TPS Sagittal Saw

Universal Driver

4100-125-000 Pin Collet (Accepts pins from .078-.125” diameter)

4100-099-000 Universal Driver

4100-062-000 Wire Collet (Accepts wires from .028-.078” dia.)

Drilling Attachments

4100-160-000 Trinkle Drill

4100-135-000 Hudson®/Modified Trinkle Drill

4100-134-000 1/8” Keyless Drill

4100-133-000 1/4” Keyless Drill

4100-132-000 5/32” Keyed Drill Chuck

4100-131-000 1/4” Keyed Drill Chuck

4100-110-000 Synthes® Drill

4100-231-000 Reamer with Jacobs Chuck
The Mill

5400-700-000

- Blades designed for a uniform, consistent bone yield
- Different blade sizes allow for desired bone granulation
- Blades come preassembled for simple set up and operation

- Single pass cutting action enables uniform particulate size with low temperature bone exposure

Ordering Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5400-704-000</td>
<td>The Mill Cable</td>
</tr>
<tr>
<td>5400-702-000</td>
<td>Fine Blade, 3.2mm (5/pkg)</td>
</tr>
<tr>
<td>5400-701-000</td>
<td>Medium Blade, 5.0mm (5/pkg)</td>
</tr>
<tr>
<td>5400-703-000</td>
<td>Coarse Blade, 8.0mm (5/pkg)</td>
</tr>
<tr>
<td>5400-705-000</td>
<td>Sterilisation Container</td>
</tr>
<tr>
<td>5400-750-000</td>
<td>Mill Instrument Driver</td>
</tr>
</tbody>
</table>
System Accessories

**CORE Console**

- 5400-050-000 CORE Console with Integrated Irrigation Pump

**Sterilisation**

- 6400-276-000 RemB Sterilisation Case - Small
- 6400-277-000 RemB Sterilisation Case - Medium
- 6400-278-000 RemB Sterilisation Case - Large
- 5400-276-000 CORE Sterilisation Case - Small
- 5400-277-000 CORE Sterilisation Case - Medium
- 5400-278-000 CORE Sterilisation Case - Large
- 5400-279-000 Maestro Sterilisation Case

**I-Switch**

- 5400-050-001 (10/Pkg) CORE Irrigation Cassette
- 5290-075-000 (10/Pkg) Hummer 4/ESSx Irrigation Cassette

**Storage**

- A variety of storage units and labels are available for cutting accessory organisation.
  - 5700-054-001 Saber Bur Rack
  - 5700-054-002 Saber/Stapes Bur Rack
  - 0298-098-100 Bur Organiser

**Footswitches**

- 5400-007-000 NSE Bi-Directional Footswitch

- 5100-006-000 Bi-Directional Footswitch
- 5100-007-000 Uni-Directional Footswitch

**CORE Accessory Cart**

- 5400-410-000 CORE Accessory Cart
SONOPET is the first ultrasonic aspirator to effectively address soft tissue and fine bone dissection by coupling longitudinal oscillation and torsional vibration.

### The Universal Handpiece

**5450-820-000**

- Lightweight, ergonomic design provides superb tactile feedback and requires no external cooling.
- 25kHz Universal handpiece partnered with an additional 34kHz handpiece, allows for tailoring of instrumentation to specific tissue/procedure.
- Frangible tip covers for improved visualisation and access.
- Large selection of specialty tips available.

### Proprietary LT technology

**Longitudinal + Torsional Vibration**

SONOPET is the first ultrasonic aspirator to effectively address soft tissue and fine bone dissection by coupling longitudinal oscillation and torsional vibration.

<table>
<thead>
<tr>
<th>LT Vibration</th>
<th>Topside Amplitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Side</td>
<td>45µm</td>
</tr>
<tr>
<td>Topside</td>
<td>360µm</td>
</tr>
<tr>
<td>Rotation Angle</td>
<td>8.6°</td>
</tr>
</tbody>
</table>

### Handpiece Tips

- **Micro Claw Tip**
  - Amplitude: 360µm
  - Rotation Angle: 8.6°
Sonopet®
Smart Console

Smart Console
5450-850-000 (includes footpedal and IV pole)

- Automatically recognises handpieces for easy set-up
- Multiple frequencies of handpieces allow tissue selectivity for in situ evacuation in eloquent areas or aggressive removal of fine bone
- Suction, Irrigation and Ultrasonic functions can be used alone or simultaneously by using the SYNC mode
- Individual linear control of each output enables user to fine tune power balance

You’ll have the power to fully complete the procedure to help you maximise your patients’ outcomes.
Sonopet®
Universal Tips - Soft Tissue

5450-800-307 (N602-25) 5/pkg
Straight
Length: 4.5 in (11.4 cm)
OD 1.92 mm  ID 1.50 mm

5450-800-309 (N602-25M) 5/pkg
Straight Micro Dia.
Length: 4.9 in (12.3 cm)
OD 1.77 mm  ID 1.37 mm

5450-800-308 (N602-25L) 5/pkg
Straight Large Dia.
Length: 4.6 in (11.7 cm)
OD 2.47 mm  ID 2.01 mm

5450-800-310 (N606-25) 5/pkg
Spetzler® Barracuda™
Length: 4.5 in (11.5 cm)
OD 1.92 mm  ID 1.50 mm

5450-800-306 (N606-25L) 5/pkg
Spetzler® Large Dia. Barracuda™
Length: 4.6 in (11.8 cm)
OD 2.46 mm  ID 2.01 mm

5450-800-316 (N605-25) 5/pkg
Ring Curette
Length: 4.4 in (11.2 cm)
OD 3.18 mm  ID 2.26 mm

5450-800-301 (N802-25) 5/pkg
Superlong Straight
Length: 7.9 in (20.1 cm)
OD 1.92 mm  ID 1.50 mm
Sonopet®
Universal Tips - Bone Cutting

5450-800-315 (N708-25) 5/pkg
Spetzler® Long Micro Claw™
Length: 4.7 in (11.9 cm)
OD 3.00 mm  ID 1.19 mm

5450-800-313 (N658-25) 5/pkg
Spetzler® Open Angle Micro Claw™
Length: 4 in (10.1 cm)
OD 2.92 mm  ID 1.19 mm

5450-800-312 (N617-25) 5/pkg
Payner™ 360
Length: 3.9 in (10 cm)
OD 3.15 mm  ID 1.19 mm

5450-800-302 (N817-25) 5/pkg
Payner™ Superlong 360
Length: 7.7 in (19.6 cm)
OD 3.15 mm  ID 1.19 mm

5450-800-304 (N858-25) 5/pkg
Spetzler® Superlong Open Angle Micro Claw™
Length: 7.7 in (19.6 cm)
OD 2.92 mm  ID 1.19 mm

5450-800-303 (N808-25) 5/pkg
Spetzler® Superlong Micro Claw™
Length: 7.7 in (19.6 cm)
OD 3.00 mm  ID 1.19 mm

5450-800-305 (N600-25) 5/pkg
Nakagawa Serrated Knife
Length: 4.3 in (10.9 cm)
OD 2.11 mm
The information presented in this brochure is intended to demonstrate the breadth of Stryker product offerings. Always refer to the package insert, product label and/or user instructions before using any Stryker product. Products may not be available in all markets. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

Products referenced with ™ designation are trademarks of Stryker. Products referenced with ® designation are registered trademarks of Stryker.

Literature Number: 9100-927-017-SSP

Copyright © 2012 Stryker
Printed in Australia