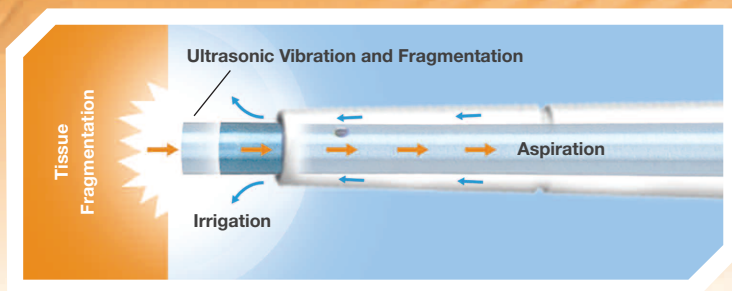


Components of Ultrasonic Aspirators



Fragmentation

Precise tissue removal by rapid longitudinal motion. A phenomenon referred to as cavitation occurs as the excursion path becomes vacuous. Fluid “bubbles” and cell walls collapse and tissue turns to emulsate. Hydrous tissue such as tumor or fat is affected whereas anhydrous tissue such as vessels and tendons remain unaffected. This tissue selectivity is a by product of Cavitation.

Irrigation

Flows coaxially around tip to suspend fragmented tissue and cool the tip.

Aspiration

Removal of fluid and fragmented tissue by cannulated tip and suction.

The SONOPET system delivers precise fragmentation, irrigation and aspiration simultaneously in one handpiece.

SONOPET® Ultrasonic Aspirator

ORDERING INFORMATION

SONOPET Universal Handpiece

| Stryker | Existing | Description |
|--------------|----------|-------------------------------|
| 5450-820-000 | HU25 | Universal Handpiece (HP only) |

Disposable Tips (For use with SONOPET Universal Handpiece)

Soft Tissue

| Stryker | Existing | Description |
|--------------|----------|---|
| 5450-800-301 | N802-25 | 25kHz Superlong Straight Tip (5/pkg) |
| 5450-800-306 | N606-25L | 25kHz Spetzler Barracuda Large Diameter Tip (5/pkg) |
| 5450-800-307 | N602-25 | 25kHz Straight Tip (5/pkg) |
| 5450-800-308 | N602-25L | 25kHz Straight Large Diameter Tip (5/pkg) |
| 5450-800-309 | N602-25M | 25kHz Straight Micro Diameter Tip (5/pkg) |
| 5450-800-310 | N606-25 | 25kHz Spetzler Barracuda Tip (5/pkg) |
| 5450-800-316 | N605-25 | Ring Curette Tip (5/pkg) |

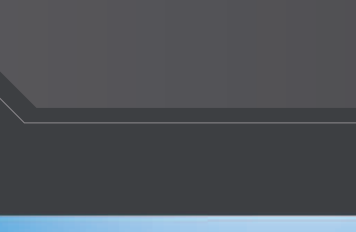
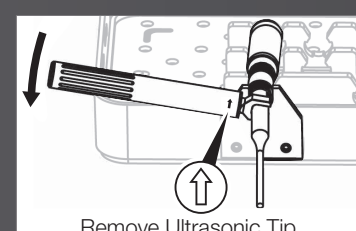
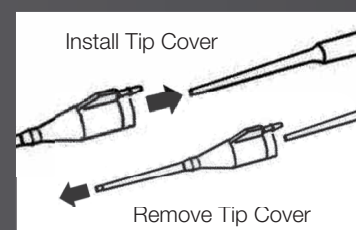
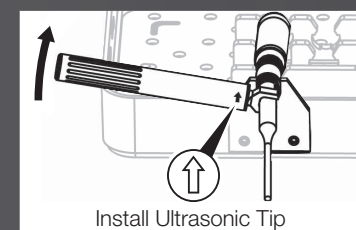
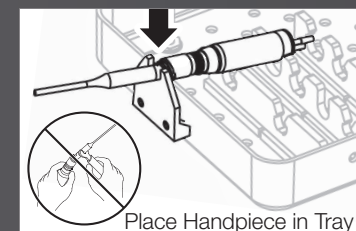
Bone

| Stryker | Existing | Description |
|--------------|----------|--|
| 5450-800-302 | N817-25 | 25kHz Superlong Payner 360 Tip (5/pkg) |
| 5450-800-303 | N808-25 | 25kHz Superlong Spetzler Micro Claw Tip (5/pkg) |
| 5450-800-304 | N858-25 | 25kHz Superlong Spetzler Open Angle Micro Claw Tip (5/pkg) |
| 5450-800-305 | N600-25 | 25kHz Nakagawa Serrated Knife Tip (5/pkg) |
| 5450-800-312 | N617-25 | 25kHz Payner 360 Tip (5/pkg) |
| 5450-800-313 | N658-25 | 25kHz Spetzler Open Angle Micro Claw Tip (5/pkg) |
| 5450-800-315 | N708-25 | 25kHz Long Spetzler Micro Claw Tip (5/pkg) |

Accessories

| Stryker | Existing | Description |
|--------------|------------|--|
| 5450-800-038 | UHW-070 | Step Torque Wrench, Offset (7mm) |
| 5450-800-276 | MUSF-105 | Cleaning Wire |
| 5450-800-278 | MUSF-000-1 | Sterilization Tray (7mm) |
| 5450-850-000 | UST 2001 | Console 110 V (Includes Foot Pedal and IV Pole) |
| 5450-851-012 | 435410 | Plastic Suction Canister, Disposable |
| 5450-850-001 | US010 | Plastic Suction Canister, Reusable |
| 5450-850-002 | US012 | Disposable Suction Canister Liner |
| 5450-850-003 | US062 | Disposable Tubing Set & Extender Filter Tubing (5/pkg) |
| 5450-850-007 | MUSU-003S | Foot Pedal |
| 5450-850-028 | MUSA-1 | IV Pole |
| 5450-850-410 | MUSF-102 | Sonopet Cart |

ASSEMBLY & DISASSEMBLY



To Install Ultrasonic Tip

1. Thread the ultrasonic tip onto the handpiece.
2. Place the handpiece angle joint into the notched bracket on the sterilization and assembly tray.
3. Place the torque wrench on the ultrasonic tip as shown. The side of the torque wrench with the arrow symbol must face the distal end of the tip.
4. Hold the handpiece in place and rotate the torque wrench in the direction of the arrow to tighten the ultrasonic tip. Stop tightening immediately when you hear one click from the torque wrench. Minimal effort should be required.

To Install Tip Cover

Securely press the tip cover onto the handpiece. Rotate the tip cover to the desired position, if necessary.

To Remove Tip Cover

1. Loosen and remove the tip cover from the irrigation cover by hand and discard.

To Remove Ultrasonic Tip

1. Place the handpiece angle joint into the notched bracket on the sterilization and assembly tray.
2. Place the torque wrench on the ultrasonic tip as shown. The side of the torque wrench with the arrow symbol must face the distal end of the tip.
3. Hold the handpiece in place and rotate the torque wrench in the opposite direction of the arrow to loosen and remove the ultrasonic tip. Discard the ultrasonic tip.

TOUCH THE FUTURE

**One versatile system
for soft tissue and
fine bone dissection.**

SONOPET®
Ultrasonic Aspirator



access
to better Outcomes

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Stryker® Neuro Spine ENT
4100 East Milham Avenue
Kalamazoo, MI 49001 USA
t: 269 323 7700 f: 269 353 3026
toll free: 800 253 3210

www.stryker.com

access
to better Outcomes

The future OF BETTER OUTCOMES

One handpiece for soft tissue and fine bone dissection

SONOPET by Stryker is the most versatile and user-friendly ultrasonic aspirator. In addition to the soft tissue capabilities common to ultrasonic aspirators, the SONOPET can effectively address fine dissection of bone traditionally performed with rotating drills. With SONOPET in your hand, you'll have the power to shape the future of better outcomes.

The SONOPET Handpiece

Advantages

- 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 visualization and access.
- Large selection of specialty tips available.



SONOPET®

The power to shape the future
of better outcomes.

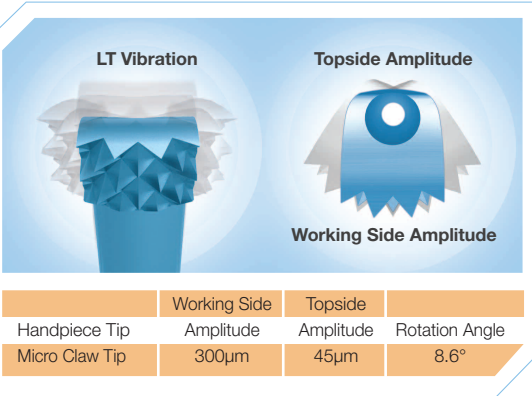


Micro Claw | Neuro Bur

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.



High degree of control

The Patented LT technology makes it possible to emulsify bone with no grabbing or kicking due to the non-rotational reciprocating motion, and oscillation at 25,000 times per second with 0.36 mm width variation.

Minimal pressure is needed. With just a touch of the LT tip to bone, a true synergy of control and efficacy can be achieved with Sonopet.

Exceptional control of specifically designed tips enabling soft tissue and fine bone dissection in close proximity to delicate anatomic structures.

The Stryker Advantage

| | Stryker | Competitor A | Competitor B |
|-----------------------|-----------|--------------|--------------|
| LT Technology | YES | no | no |
| Bone Tips | 10 | 1 | 2 |
| Aggressive Tissue Tip | Barracuda | none | none |
| Handpiece Weight | 3.5 oz | 10 oz | 8 oz |

| | |
|--|---|
| | 5450-800-301 (N802-25) Superlong Straight Length: 7.9 in (20 cm) OD 1.92 mm ID 1.50 mm |
| | 5450-800-307 (N602-25) Straight Length: 4.5 in (11.4 cm) OD 1.92 mm ID 1.50 mm |
| | 5450-800-308 (N602-25L) Straight Large Dia. Length: 4.6 in (11.7 cm) OD 2.47 mm ID 2.01 mm |
| | 5450-800-309 (N602-25M) Straight Micro Dia. Length: 4.9 in (12.4 cm) OD 1.77 mm ID 1.37 mm |
| | 5450-800-306 (N606-25L) Spetzler® Large Dia. Barracuda™ Length: 4.6 in (11.7 cm) OD 2.46 mm ID 2.01 mm |
| | 5450-800-310 (N606-25) Spetzler® Barracuda™ Length: 4.5 in (11.4 cm) OD 1.92 mm ID 1.50 mm |
| | 5450-800-316 (N605-25) Ring Curette Length: 4.4 in (11.2 cm) OD 3.18 mm ID 2.26 mm |

| | |
|--|---|
| | 5450-800-305 (N600-25) Nakagawa Serrated Knife Length: 4.3 in (10.9 cm) OD 2.11 mm |
| | 5450-800-302 (N817-25) Payner™ Superlong 360 Length: 7.9 in (20 cm) OD 3.15 mm ID 1.19 mm |
| | 5450-800-312 (N617-25) Payner™ 360 Length: 3.9 in (9.9 cm) OD 3.15 mm ID 1.19 mm |
| | 5450-800-303 (N808-25) Spetzler® Superlong Micro Claw™ Length: 7.9 in (20 cm) OD 3.00 mm ID 1.19 mm |
| | 5450-800-304 (N858-25) Spetzler® Superlong Open Angle Micro Claw™ Length: 7.9 in (20 cm) OD 2.92 mm ID 1.19 mm |
| | 5450-800-313 (N658-25) Spetzler® Open Angle Micro Claw™ Length: 4 in (10.2 cm) OD 2.92 mm ID 1.19 mm |
| | 5450-800-315 (N708-25) Spetzler® Long Micro Claw™ Length: 4.6 in (11.7 cm) OD 3.00 mm ID 1.19 mm |

You'll have the power to fully complete the procedure to help you maximize your patients' outcomes.

Smart Console

Advantages

- Automatically recognizes 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

