SONOPET® Ultrasonic Aspirator

SONOPET Ultrasonic Aspirator delivers optimal flexibility for you, your team and your patients. It’s precise, easy to use and remarkably versatile. In one high-performance system, you get unparalleled control in soft-tissue applications—with simple regulation of ultrasonic power, suction and irrigation from the console.

Precise, versatile, easy to use

• Lightweight, ergonomic handpiece
• Angled and straight 25kHz models
• 11 tip options for soft tissue
• Variety of tip diameters and lengths
• Precision engineered for power and control
Ultrasonic aspiration

Cavitation
The vibration of the ultrasonic tip creates negative pressure in targeted tissue. Cells expand under increasing pressure until they burst. New bubbles form, and the cycle begins again. The process is selective because tissue with high water content—fat, lesions, unhealthy tissue—is more susceptible to cavitation. Collagen and elastin vibrate in resonance with the acoustic vibrations leaving blood vessels, nerves and most other healthy tissues largely untouched.

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
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<tbody>
<tr>
<td>5450-800-307</td>
<td>Straight tip (5/pkg)</td>
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<tr>
<td>5450-800-309</td>
<td>Straight micro diameter tip (5/pkg)</td>
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<tr>
<td>5450-800-308</td>
<td>Straight large diameter tip (5/pkg)</td>
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<tr>
<td>5450-800-301</td>
<td>Straight superlong tip (5/pkg)</td>
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<td>5450-800-310</td>
<td>Spetzler barracuda tip (5/pkg)</td>
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<tr>
<td>5450-800-306</td>
<td>Spetzler barracuda large diameter tip (5/pkg)</td>
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<td>5450-800-317</td>
<td>Spetzler barracuda superlong tip</td>
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<tr>
<td>5450-800-316</td>
<td>Ring curette tip (5/pkg)</td>
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<td>5450-800-312</td>
<td>Payner 360 tip</td>
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</tbody>
</table>

Gynecological surgery

Process of cavitation
1. Under negative pressure, cells expand to maximum size.
2. The cells burst under compression.

Neuro Spine ENT

*S specifications are approximate and may vary from unit to unit or as a result of power supply fluctuations. See the instructions for use supplied with the SONOPET Ultrasonic Aspirator console for additional specifications.

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