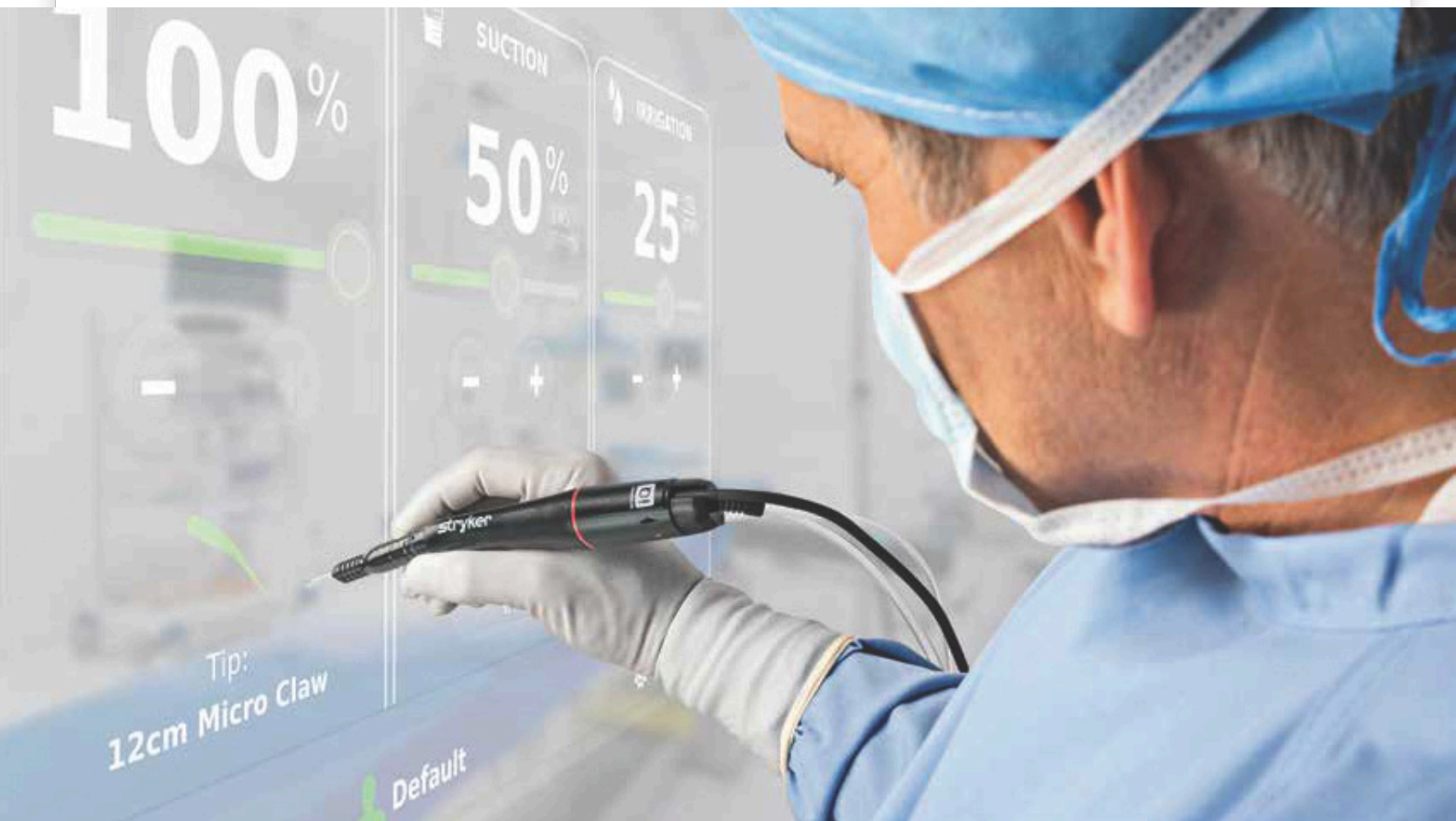


Simple. Versatile.
Brilliant.



SonopetiQ

Ultrasonic Aspirator System

Soft tissue resection / Bone resection / All-in-one system



Customization for power and control

One-step retrieval of surgeon profile or startup using **surgeon's default profile**

Precise settings for power, suction and irrigation at lower levels

Independent or synchronized settings for power, suction and irrigation

Three foot pedal options; basic wired, advanced wired or advanced wireless

Hand controller for remote control from sterile or non-sterile field

RFID technology instantly changes settings based on connected tip or user profile



Faster resection and more power to tackle cervical/ lumbar bone and fibrous tissue

One-step connections for irrigation, suction, tubing and sleeve

93% of ACGME facilities rely on Sonopet

Proven to reduce mean operating time

Remains well below heat thresholds for osteonecrosis and thermal neural injury following laminectomy



Integrated irrigation improves visibility and control and eliminates exterior wheel and tube threading

Controlled suction pinch valve helps reduce suction around critical structures

Large touchscreen interface

Front facing connections with color-changing feedback; port light signals proper setup

One universal handpiece compatible with all soft tissue/ bone tips and tubing

Innovative air-cooling holes designed for heat management

Intuitive setup; all components labeled or color coded, and steps are non-sequential

iQ Broad Knife is designed for **reduced stalling in thick bone**

Sonopet iQ[®]

Ultrasonic Aspirator System

Bone cutting tips

12cm iQ Micro Claw

5500-25B-315
L 4.8in (121mm) CL 2.2mm CW 2mm WL 12.25mm



12cm iQ Claw

5500-25B-318
L 4.8in (121mm) CL 1.7mm CW 2.8mm WL 12.25mm



12cm iQ 120 Claw

5500-25B-317
L 4.8in (121mm) CL 2.58mm CW 3.15mm WL 12.25mm



12cm iQ Apex 360

5500-25B-312
L 4.8in (121mm) CL 2.58mm CW 3.15mm WL 12.25mm



20cm iQ Apex 360

5500-25B-302
L 7.9in (200mm) CL 2.5mm CW 3.15mm WL 11.05mm



18cm iQ Micro Claw

5500-25B-303
L 7.2in (182.8mm) CL 1.86mm CW 2mm WL 12mm



18cm iQ Apex Micro Claw

5500-25B-319
L 7.2in (182.8mm) CL 1.86mm CW 2mm WL 12mm



11cm iQ Knife

5500-25B-107
L 4.2in (106mm) CL 11.6mm CW 0.83mm WL 15.25mm



11cm iQ Apex Knife

5500-25B-114
L 4.2in (106mm) CL 12mm CW 0.83mm WL 15.6mm



10cm iQ Broad Knife

5500-25B-110
L 3.98in (101mm) CL 8.2mm CW 1.4mm WL 25mm



4/box

L = Length CL = Cutting length CW = Cutting width WL = Working length

Removal of the frangible sleeve adds 7.5mm to working lengths. On 5500-25B-114 and 5500-25B-107 there are 2 frangible sleeves meaning their working length can be increased by 7.5mm or 15mm. For 5500-25B-110 10cm iQ Broad Knife and 5500-25S-601 37cm iQ Large, there is no frangible section on the sleeve.

12cm iQ Micro

5500-25S-309
L 4.7in (120mm) OD 1.6mm ID 1.20mm WL 4.25mm



12cm iQ Standard

5500-25S-307
L 4.5in (115mm) OD 1.92mm ID 1.5mm WL 4.25mm



12cm iQ Large

5500-25S-308
L 4.4in (112.1mm) OD 2.49mm ID 2.0mm WL 4.25mm



20cm iQ Standard

5500-25S-301
L 8.1in (205mm) OD 1.92mm ID 1.5mm WL 3.8mm



12cm iQ Barracuda

5500-25S-310
L 4.5in (115mm) OD 1.92mm ID 1.5mm WL 4.25mm



12cm iQ Serrated Large

5500-25S-316
L 4.6in (115.7mm) OD 2.51mm ID 2.0mm WL 4.2mm



37cm iQ Large

5500-25S-601
L 14.6in (370.5mm) OD 2.52mm ID 1.8mm WL 322.8mm



4/box

L = Length CL = Cutting length CW = Cutting width WL = Working length

Removal of the frangible sleeve adds 7.5mm to working lengths. On 5500-25B-114 and 5500-25B-107 there are 2 frangible sleeves meaning their working length can be increased by 7.5mm or 15mm. For 5500-25B-110 10cm iQ Broad Knife and 5500-25S-601 37cm iQ Large, there is no frangible section on the sleeve.

Neurosurgical

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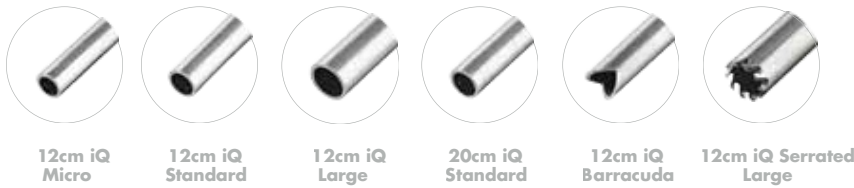
Market's broadest ultrasonic tip lineup on Sonopet iQ's universal handpiece

- 16 tips; 10 for bone and 6 for soft tissue
- Various lengths, diameters, tip styles and frangible irrigation sleeves for adjustable surface exposure

"I think the size and the heft... the resilience of the Broad Knife is really appealing."

Neurosurgeon

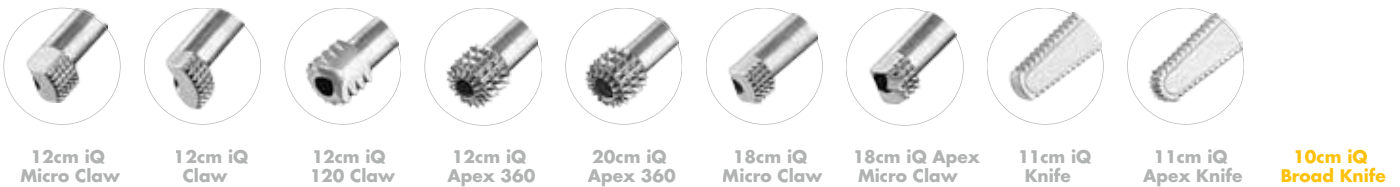
Soft tissue



"Just perfect cuts with it, which is really nice."

Orthopaedic surgeon

Bone cutting



The iQ Broad Knife is the broadest and thickest knife for enhanced power to cut bone with strength and efficiency on the Sonopet iQ system.

1.4mm cutting width

- Allows for robust cutting experience
- Provides osteotome functionality
- Creates clean-edged kerf channel

8.2mm cutting length

- Non-serrated distal tip for precision and control
- Serrations enhance cutting efficiency (3.2mm from blunt tip)

25mm working length

- Provides optimal access and reach



Trusted resection and power

367%

faster fibrous tissue resection

133%

faster bone cutting

75%

more precise suction control

48%

faster setup time

Making healthcare better, one instrument at a time

You don't settle, and neither do we. With the addition of our Broad Knife tip, the Sonopet iQ ultrasonic portfolio fulfills spinal surgery needs more than ever before. Through continued innovation we aim to improve your procedural experiences and – combined with your skill – procedural outcomes. For a Sonopet iQ trial or more information, please contact your Stryker Neurosurgical sales representative

Ordering information

Capital	
Part number	Product description
5500-050-000	Sonopet iQ Ultrasonic Aspirator Console (includes power cord, irrigation pole and hand controller)
5500-255-000	Sonopet iQ Universal Angled Handpiece
5500-800-278	Sonopet iQ Sterilization Tray
5500-402-000	Sonopet iQ Hand Controller
5500-006-000	Sonopet iQ Basic Foot Pedal - Wired
5500-007-000	Sonopet iQ Advanced Foot Pedal - Wired
5500-008-000	Sonopet iQ Advanced Foot Pedal - Wireless (includes wireless receiver)
5500-008-300	Sonopet iQ Wireless Receiver
5450-800-039	Sonopet Torque Wrench, 7mm
5450-850-410	Sonopet Cart

Disposables	
Part number	Product description
5450-851-012	Suction Canister, 12/box
5500-573-000	Sonopet iQ Irrigation Suction Cassette, 4/box
5500-472-000	Sterile Drape, 4/box

Soft tissue tips, 4/box		L	OD	ID	WL
5500-25S-309	12cm iQ Micro	4.7in	1.6mm	1.2mm	4.25mm
5500-25S-307	12cm iQ Standard	4.5in	1.92mm	1.5mm	4.25mm
5500-25S-308	12cm iQ Large	4.7in	2.49mm	2mm	4.25mm
5500-25S-301	20cm iQ Standard	8.1in	1.92mm	1.5mm	3.8mm
5500-25S-310	12cm iQ Barracuda	4.5in	1.92mm	1.5mm	4.25mm
5500-25S-316	12cm iQ Serrated Large	4.6in	2.51mm	2mm	4.2mm
Bone cutting tips, 4/box		L	CL	CW	WL
5500-25B-315	12cm iQ Micro Claw	4.8in	1.6mm	2mm	12.25mm
5500-25B-318	12cm iQ Claw	4.8in	1.7mm	2.8mm	12.25mm
5500-25B-317	12cm iQ 120 Claw	4.8in	2.58mm	3.15mm	12.25mm
5500-25B-312	12cm iQ Apex 360	4.8in	2.58mm	3.15mm	12.25mm
5500-25B-302	20cm iQ Apex 360	7.9in	2.5mm	3.15mm	11.05mm
5500-25B-303	18cm iQ Micro Claw	7.2in	1.6mm	2mm	12mm
5500-25B-319	18cm iQ Apex Micro Claw	7.2in	1.6mm	2mm	12mm
5500-25B-107	11cm iQ Knife	4.2in	11.6mm	83mm	15.25mm
5500-25B-114	11cm iQ Apex Knife	4.2in	12mm	83mm	15.6mm
5500-25B-110	10cm iQ Broad Knife	3.98in	8.2mm	1.4mm	25mm

Removal of the frangible sleeve adds 7.5mm to working lengths. On 5500-25B-114 and 5500-25B-107 there are 2 frangible sleeves meaning their working length can be increased by 7.5mm or 15mm. For 5500-25B-110 10cm iQ Broad Knife there is no frangible section on the sleeve.

1. Stryker data on file
2. Source and consent on file
3. All comparative metrics and claims are Sonopet iQ compared to Sonopet 1. Stryker internal test data on file
4. Sonopet iQ has improved suction control for delicate resection rates with 75% lower achievable pressure settings compared to the first generation Sonopet. Stryker internal data.
5. The Sonopet Ultrasonic Aspirator is currently being used in 104 out of 112 ACGME teaching institutions in the U.S. Stryker internal data on file.
6. Tarazi, N. et al. "Comparison of thermal spread with use of an ultrasonic osteotomy device: Sonopet ultrasonic aspirator versus Misonix Bonescalpel in spinal surgery." *Journal of Craniovertebral Junction & Spine.* (2018)

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