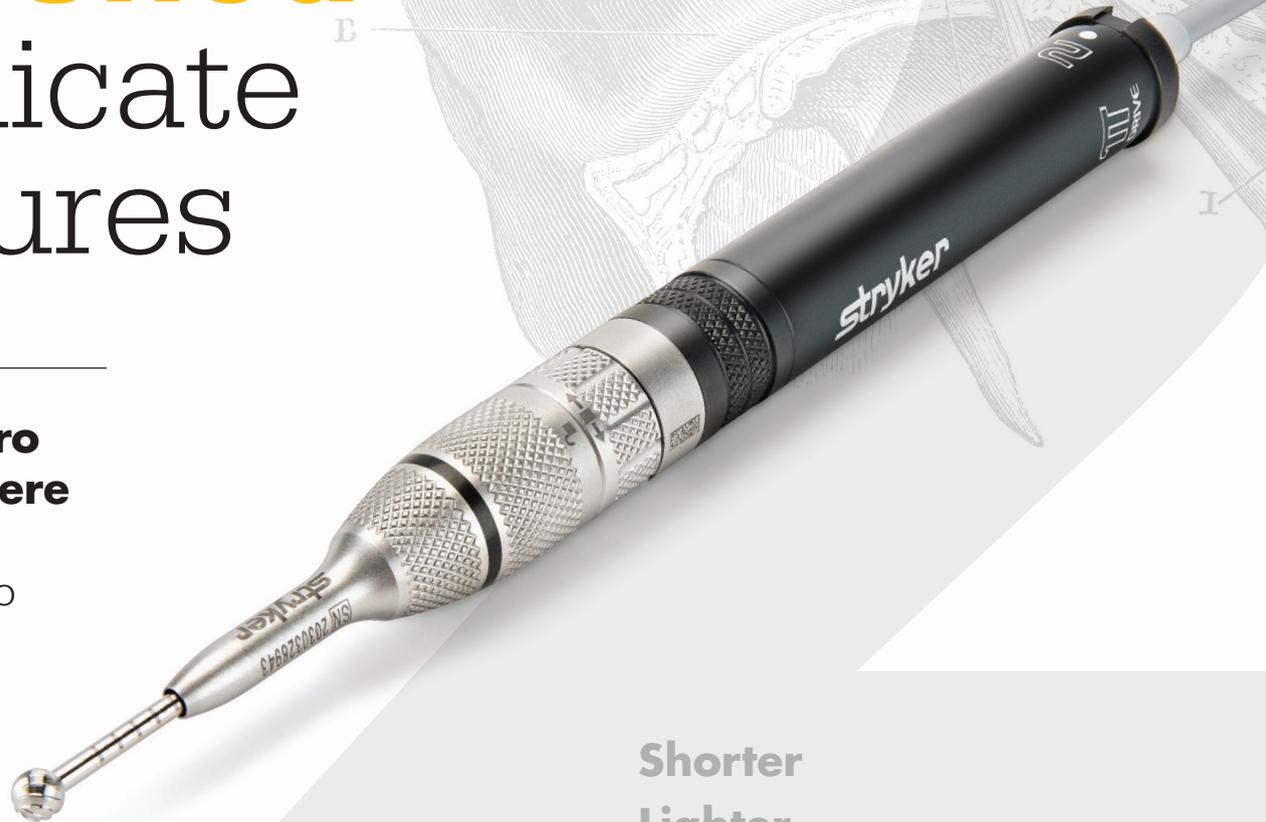


stryker

Fine-tuned for delicate structures

**πdrive 2 for neuro
otology/ENT is here**

Part of the new
Signature 2 Portfolio



**Shorter
Lighter
More balanced**

Signature 2:
**Powering
precision
performance¹⁻²**

**½" shorter
motor length**

21% lighter
than π drive+

**6.5% better motor
balance** vs π drive

**16% better motor
balance** vs S2 drill

**4x higher bearing
grease performance**
at 104°F (40°C)

**~2.5x higher bearing
grease performance**
at 212°F (100°C)

**50% reduction
in sound energy**

Your single source for neuro otology/ ENT drills

You've made us the leader in otology drills for greater bone dissection. So when you asked for a tailored high speed drill, we heard you loud and clear. Part of our new Signature 2 Portfolio, the smaller π drive 2 provides exceptional maneuverability to work in tight spaces around delicate structures.

Common applications include:

- Neuro otology
- ENT/otology
- Open, endoscopic and microscopic procedures

The most comprehensive neurosurgical high speed drill suite

8

motors
(electric and
pneumatic)

40

attachments

700+

cutting accessories



Precisely designed for you

Optimized performance

- A maneuverable, shorter and lighter use option¹
- Proprietary π drive motor technology for supremely nuanced torque control and power (75,000 RPMs)

Elevated ergonomics¹

- Center of gravity shifted to distal end for better motor balance
- New exclusive KnurLock grip technology for secure grip
- Matte anodizing and drill coating help reduce light reflection and glare off drill surface
- Minimal vibration creates stable, high quality feel
- Works with I.D. Touch software for custom drill response

Mechanical improvements^{1,2}

- Bearing grease performance with higher operating temperature (98.6°F increase; 350.6°F vs 284°F) (37°C increase; 177°C vs 140°C)
- Sound energy reduced >50%
- Single piece, metal rotor simplifies repairs
- Drill tracker adapter provides future-ready design

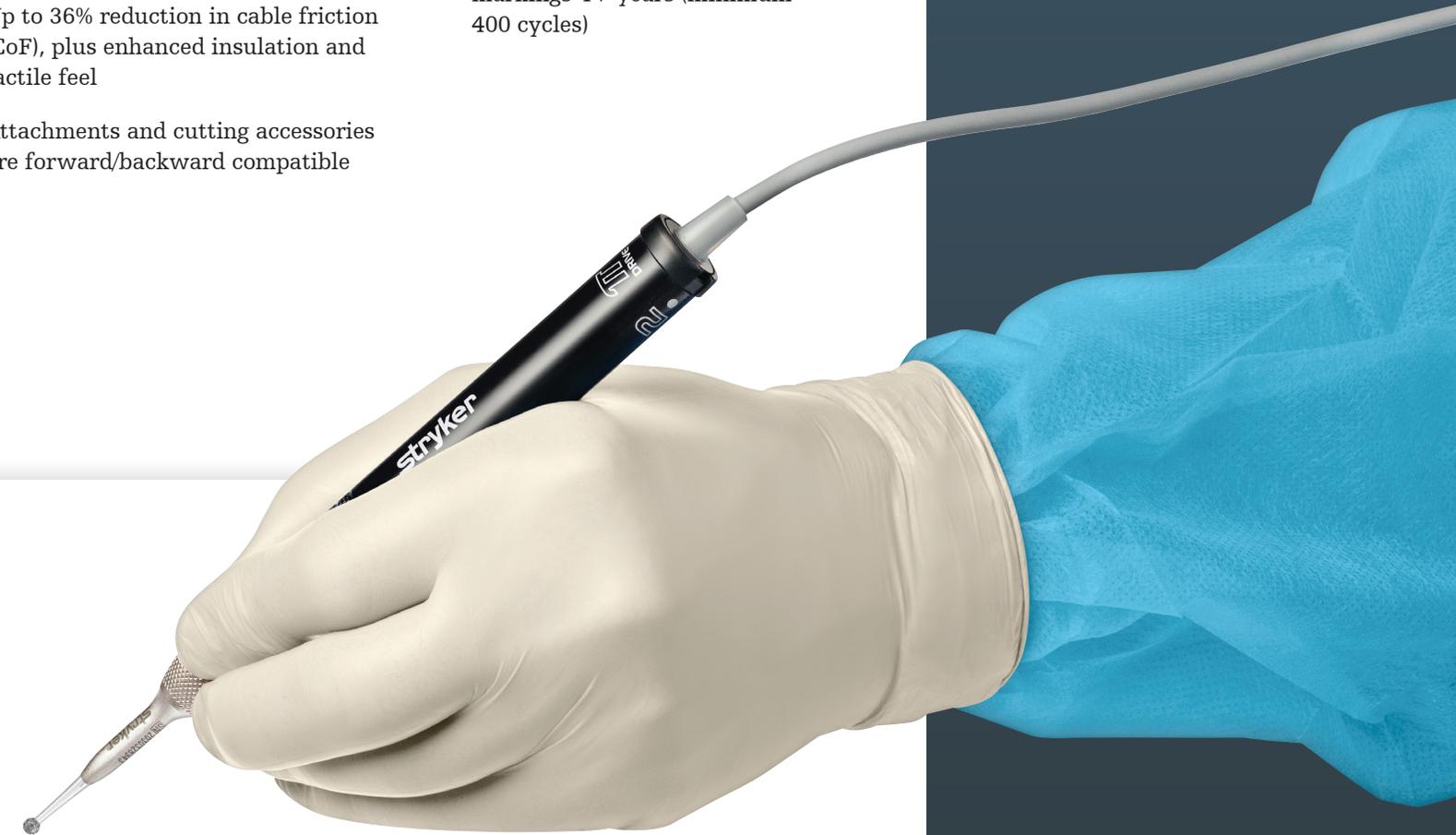
Enhanced usability¹

- 29% decrease (3.3lbf) in attachment mean peak pullout force
- Up to 36% reduction in cable friction (CoF), plus enhanced insulation and tactile feel
- Attachments and cutting accessories are forward/backward compatible

Added durability¹

- Matte finishes help reduce corrosion and preserve exterior markings 4+ years (minimum 400 cycles)

Product ¹	Length	Diameter
π drive 2 motor handpiece	9.87cm	1.7cm
S2 Mini motor handpiece	11.43cm	1.6cm
Dry erase marker	11.43cm	1.9cm



Elevating your options

π drive 2 works with vast combinations of attachments, cutting accessories and irrigation so you'll always have the precise tool and touch you need.



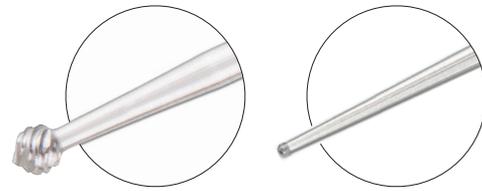
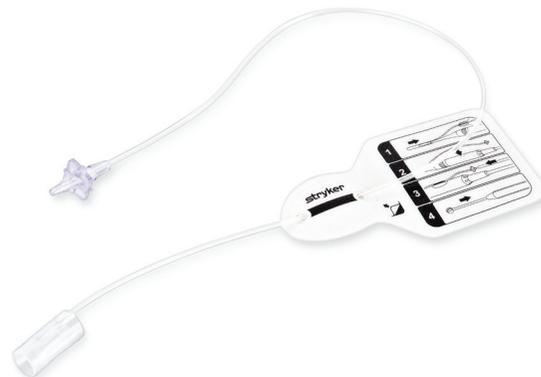
New

Dedicated attachments

- Designed to optimize system length and balance
- Increased knurling on 440/442 attachments allows tripod and other grips while reducing hand fatigue

Irrigation sleeves

- On-point irrigation
- Seamless connectivity between π drive 2 and CORE 2 Console



Cutting accessories

- Customized burs for otolaryngology; including round, precision round, carbide and diamond designs
- Patented RIM Glide technology provides rapid, smooth bone dissection and 2Flute design accounts for 25% less chatter³
- Patented telescoping Elite burs adjust up to 5 exposure levels (up to 10mm)



Resounding advantages

Underlying Signature 2 Portfolio are innovative technologies and steadfast customer services that drive our products and customer satisfaction.

CORE 2 Console with I.D. Touch software

- Universal control center across Signature components
- Industry-exclusive I.D. Touch software adjusts torque 0-100% for tailored drill response and tactile feel (low-to-high sensitivity)
- Capable of running two drills simultaneously and irrigation



π drive motor technology

- Patented, industry-unique design
- Creates volumetric optimization to enhance performance while limiting housing size



Flex Financial

- Offers a variety of purchase and payment options
- Helps your facility stay on pace with new technologies

ProCare service

- Proprietary Stryker knowledge, components and tools to quickly and correctly get the job done
- Routine maintenance and repairs help minimize disruptions and make the most of your investment

To trial or learn more about π drive 2, Signature 2 Portfolio or our full otology suite, contact your Neurosurgical sales representative, call **800 253 3210** or visit neurosurgical.stryker.com.

Part number	Product description	Irrigation sleeve
Motor		
5407-150-000	Pi Drive 2 Motor	
Console		
5400-052-000	CORE 2 Console (software version 2.3 or higher)	
Attachments		
5407-120-440	440 Elite 7cm straight attachment	5407-010-450
5407-120-442	442 Elite 7cm angled attachment	5407-010-470
5407-120-450	450 Elite 7cm straight attachment	5407-010-450
5407-120-452	452 Elite 7cm angled attachment	5407-010-450
Cutting accessories (partial list)		
5820-110-xxx	3-6mm Rounds	
5820-009-xxx	3-6mm Precision Rounds	
5820-110-xxxC	3-6mm Carbide Rounds	
5820-012-3xx	0.5-2.5mm Extended Fine Diamonds	
5820-012-xxxD	3-6mm Diamonds	
5820-013-xxx	Coarse Diamonds	

Visit strykerdriven2perform.com for a complete list of our product offerings.

1. Stryker data on file 2. "Understanding the 3dB rule." Pulsar Instruments, 26 Oct. 2015, <https://pulsarinstruments.com/en/post/understanding-3db-rule> 3. Stryker data on file. Precision Round geometry shows 25% less chatter when compared to Multiflute Round geometry on the Elite cutting accessory system. D0000006486

Neurosurgical

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