

Test drive the πdrive today!

Get “hands-on” with our newest platform! To explore the Signature Portfolio, including our broad array of compatible attachments and cutting accessories, visit www.stryker.com/NSE or call **800-253-3210**.

πdrive motor

Part number 5407-100-000

Reconstructive

- Hips
- Knees
- Trauma & Extremities
- Joint Preservation
- Orthobiologics

Medical & Surgical

- Power Tools & Surgical Accessories
- Image Guided Navigation
- Endoscopy & Arthroscopy
- Integrated Communications
- Beds, Stretchers & EMS
- Sustainability Solutions

Neurotechnology & Spine

- Craniomaxillofacial
- Interventional Spine
- Neurosurgical, Spine & ENT
- Neurovascular
- Spinal Implants

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.

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NSE

Neuro Spine ENT

We're laser focused on Neuro, Spine and ENT. Our instruments, technology, education and support are all tailored to your specialties to help fulfill your unique needs and potentially make a positive difference in your day and outcomes.

- High Speed Drills (electric and pneumatic)
- Attachments and cutting accessories
- Sonopet® Ultrasonic Aspirator
- Bone Mill
- SilverGlide® Bipolar Forceps
- Microdebrider
- NasoPore® Bioresorbable Nasal Dressings
- HemoPore® Hemostatic Bioresorbable Nasal Dressing
- OtoPore® Bioresorbable Ear Dressings
- Surgeon headlights and other accessories in support of NSE specialties

For more details about the πdrive motor, see the white paper
πdrive Motor Technology: an Assessment of Technological Advantages

Surgeon names and preferences are for demonstration purposes only to help depict the range of performance customization possible.

Signature PORTFOLIO

πdrive™ Motor Technology



πdrive

Raising the bar for electric motor function

Industry-exclusive πdrive Technology

Performance was noted as one of your top desires, and we delivered with the Signature Portfolio. Along with the πdrive electric motor, there are nearly 100 meticulously-crafted attachments and cutting accessories to choose from. Additionally, via Stryker's I.D. Touch software on the CORE™ Console, you can calibrate how you want your electric drill to feel and perform. Select features and settings allow you to make it your own; putting your personalized signature on its performance.

Literally at the core is our patented πdrive design, a re-imagined motor that creates volumetric efficiencies by reconfiguring internal components. The πdrive design replaces the nonfunctioning steel core in conventional motors with magnets in a "pie" configuration. This allows optimization of the space, while reducing overall housing size versus conventional motor designs. Similarly, traditional round wiring looped around the core is exchanged for flat wiring that completely encases it, generating an efficient motor design that can run long and stay cool.



Stryker I.D. Touch software: A difference you can feel

A surgeon's "touch" is one of his/her greatest assets, and our industry-exclusive I.D. Touch software aims to support this. Within the CORE Console power source, I.D. Touch software enables you to adjust torque from 0-100% to customize how your electric drill responds when pressure is applied during use—from low to high sensitivity—redefining performance to your liking. Your NSE sales representative can guide you through the options, and save the performance and feel that's right for you in user preferences.



Dr. Shoemaker

Custom Preferences!

- πdrive
- Torque 70%
- Speed 75K RPMs
- Irrigation rate 14%
- Acceleration 95%



Motor Sensitivity

The console's ability to regulate sensitivity of the motor while in use

Lighter overall system and added cord flexibility for greater maneuverability

Alignment dots and Snap-Connect for easy and consistent assembly/disassembly

Exclusive πdrive motor is highly tunable, allowing you to fine tune how you want the drill to feel

Powered by the Stryker CORE Console:

- Enables connectivity with three handpieces, two foot pedals, the Stryker Bone Mill and irrigation cassette
- Ability to save your preferred settings

Compatible with the industry's most comprehensive array of attachments and cutting accessories

I.D. Touch software provides a wide range of settings that will allow you to customize how your drill responds and feels. Once saved as a user preference, your drill will perform the way you want — every time.



75K RPM electric motor