

Signature Portfolio

Comprehensive portfolio, customised for you





Signature Portfolio

Create a **Signature performance**

Comprehensive collection

We understand—the importance of having all the right tools in the O.R. Giving you access to high performing and customisable options that provide the depth and breadth you need was the reason we created the most comprehensive drill platform in our storied company history. Our Signature Portfolio reflects years of collaboration with surgeons like you to create a broad collection of refined motors, attachments and cutting accessories all designed to give you the functionality and ergonomics you asked for.

Customisation at the CORE

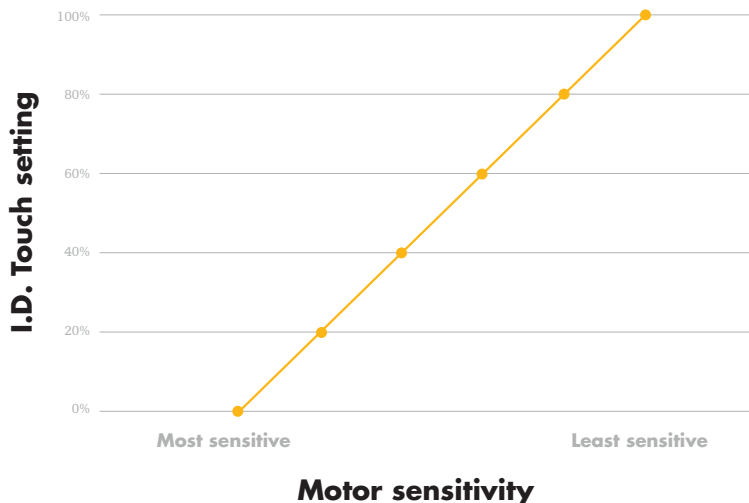
Just as no two patients are alike, we realise that no two surgeons will operate the same. That's precisely why we engineered the Signature Portfolio with the unmatched ability to customise the performance of your drill with your preferred combination of components. With 33 meticulously crafted attachments, the industry's largest selection of cutting accessories and our exclusive I.D. Touch Software on the CORE 2 Console, you're empowered with the ability to calibrate your exact electric drill preferences.

Consistency and confidence

Reproducible results are something we all aim for in the O.R. Our portfolio is designed for a consistent and tailored performance built around you, by fine tuning your drill settings to your liking. Your CORE 2 not only stores your unique settings but provides you with the ability to transfer them to another CORE 2 Console via a portable USB drive. It's just one more way to ensure your drill is able to perform on demand whether you're operating from room to room or from a demanding to delicate procedure.

I.D. Touch Software: Define your style

When used with either the π drive or π drive+ motors, your cutting accessories can be optimised even further using I.D. Touch Software on the CORE 2 Console instrument driver. This industry exclusive software enables you to adjust torque from 0-100% to customise how your electric drill responds when pressure is applied during use — from low to high sensitivity — redefining performance to your liking. Your Stryker sales representative can guide you through the options and save the performance and feel that's right for you in user preferences.



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

π drive Motor Technology



Customisation beyond compare

The Consolidated Operating Room Equipment (CORE) 2 Console provides a convenient, single control centre for a multitude of powered instruments. Here's a look at the many capabilities and benefits it brings to you and your instruments.



- 100+ user profiles that can be stored and transferred to other CORE 2 Consoles via USB drive
- Adjustable acceleration and braking
- I.D. Touch Software for tailored torque, tactile feel and drill precision/performance
- Adjustable irrigation flow rate
- Four foot pedal choices, each with customisable buttons to set desired functions
- Largest breadth of compatible products in our portfolio

We retooled and reconfigured the conventional motor with a patented π drive design, used in both the π drive and π drive+ motors by:

- Replacing a nonfunctioning steel core with magnets in a "pie" configuration
- Fully encasing the core with flat wire winding as opposed to an open loop design
- Creating volumetric optimisation through reconfiguring internal components to enhance performance, optimise space and limit housing size
- Allowing you to customise how the drill responds and feels via I.D. Touch Software within the CORE 2 Console

Breadth and **depth**

Signature Portfolio offers over 100 components to give you power, functionality, ergonomics and maneuverability. This gives you the ability to customise your signature style and enhanced confidence in quality accessories crafted with attention to detail and ergonomics. we're confident that Signature Portfolio high speed drills will meet your needs.

- **65 cutting accessories**
- **33 attachments**
- **4 motors; two electric (π drive) and two pneumatic (Maestro Air)**

Gain Stryker's advantage

- The industry's most comprehensive drill platform; vast selection of motors, attachments and cutting accessories
- I.D. Touch Software designed to customise how the electric drill responds; giving you the performance and feel you want
- Exclusive 2Flute cutting accessory for 25% chatter reduction²
- Patented π drive technology

Performance and power

π drive

- Long run time with low heat generation
- Electric motor with speeds up to 75K RPMs
- Optional motor extender for enhanced grip options and ergonomics
- Lighter overall system and added cord flexibility for greater maneuverability
- Exclusive π drive motor is highly tunable, allowing you to fine tune how you want the drill to feel

NEW! Irrigation Sleeves

Designed to deliver precise irrigation by simply sliding over your MIS (13cm or 16cm) or Elite (7cm or 12-20cm) attachment.

Low profile with ergonomic design built to facilitate site access and visibility – sterile, disposable and compatible with CORE Console disposable irrigation cassettes



Multi-notch Elite telescoping cutting accessory

Attachments

HD

- Compatible with a variety of cutting accessories including metal cutting, in various head types and diameters.
- Available in patented precision design for 25% chatter reduction²



Elite

- Elite cutting accessories are compatible with any Elite attachment
- Telescoping ability adjustable up to five exposure levels (0 -10mm)



Efficiency and ease of use

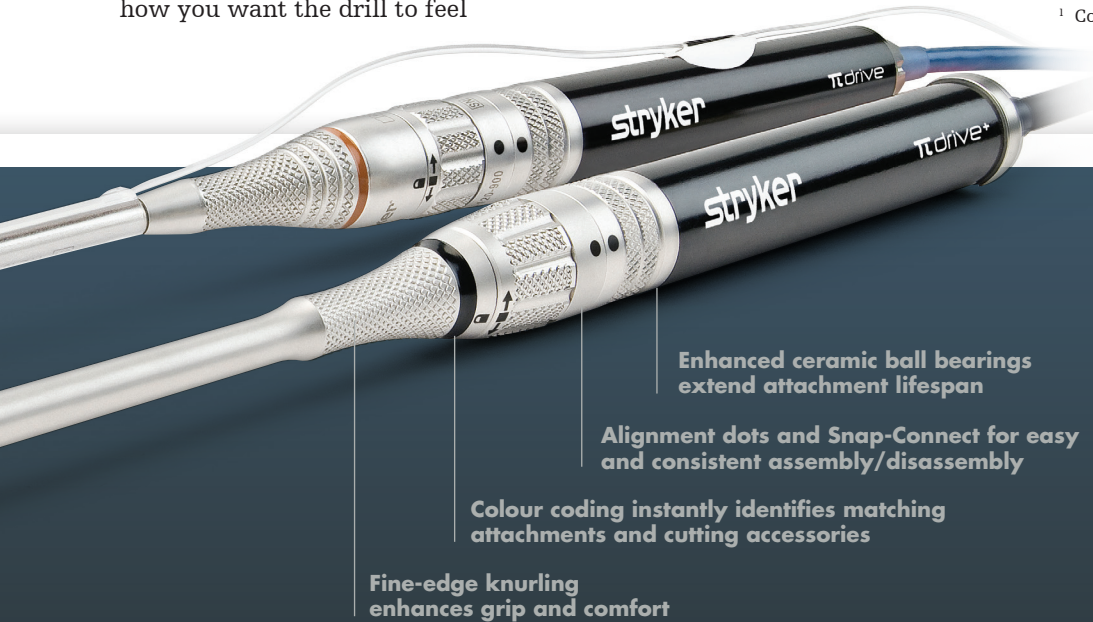
π drive+

- Added 60% boost in power to get the job done quickly¹
- 242% more torque at max speed of 75K RPMs¹
- Optional Detachable handswitch
- Optional motor extender for enhanced grip options and ergonomics
- Lighter overall system and added cord flexibility for greater maneuverability
- Exclusive π drive motor is highly tunable, allowing you to fine tune how you want the drill to feel

- Multi-notch (up to 10mm) telescoping cutting accessories can consolidate inventory items up to 5:1
- Consistency in intuitive assembly/disassembly simplifies use and training
- Colour-coded accessory packaging aligns with colour-coded attachments to facilitate selection and connection of compatible components; colour designed to withstand cleansers and autoclaving

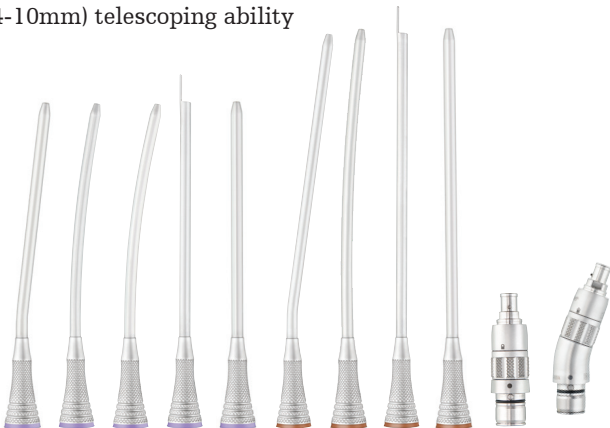
- Alignment dots guide connection of attachments to motor
- Tactile bump indicates the direction footed attachments are facing
- Matching part numbers on routers and footed attachments built to enable instant pairing in the surgical field
- Connects to our CORE 2 Console which powers multiple instruments simultaneously and uniquely allows you to store your preferred settings

¹ Comparison with PiDrive, data on file



Minimally Invasive Surgery (MIS)

- Signature Portfolio offers more than 50 MIS cutting accessories in a variety of head types, diameters, (1.5 - 5.0mm) and lengths (13-16cm).
- only MIS cutting accessories on the market with multi-notch (4-10mm) telescoping ability



Footed

- Cutting accessories lock directly into motor, allowing them to remain in place when switching attachments
- Compatible with routers and cutting accessories in various head types, diameters (1.1-3.0mm) and lengths (12-25mm)





Cutting Accessories

Vast and versatile variations

Our expansive selection of cutting accessories were thoughtfully engineered to handle your craniotomies, bone drilling and reaming as well as preparation for screw placement, pins and other fixation devices. Snap-Connect colour coding pairs compatible attachments and cutting accessories to make them instantly recognisable. Combined with the compatibility of our Elite Series of telescoping cutting accessories, you'll have access to a wealth of instruments to help fulfill your every need.

With more than 65 cutting accessories available in various shank sizes, diameters and styles including routers, rounds, match heads and diamond surfaces, you'll welcome the depth and breadth of performance and versatility.

Elite LX

Our new addition of nearly 40 Elite cutting accessories features a range of styles that include carbide burs to reduce chatter by greater than 30% helping neuro, spine and ENT surgeons achieve the exact functionality they need.³



Maestro Air

- Pneumatic motor rated up to 150 psi
- 20% more torque than previous model
- 25% more power in watts
- Speeds up to 75K RPMs

Carbide round burs have patented multi-flute design

20% more torque than previous model
25% more power in watts²

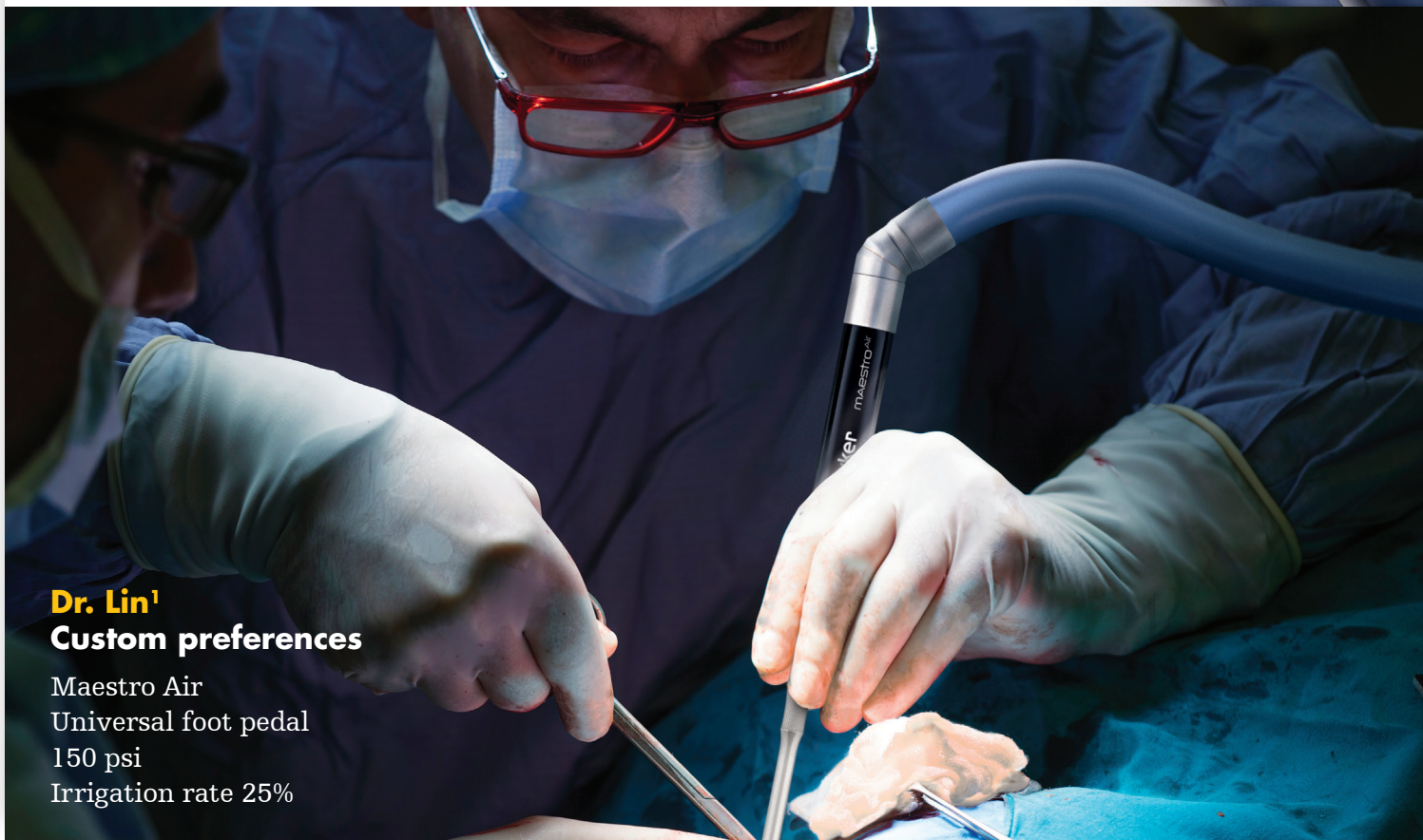
Improved swivel at hose, increasing handpiece freedom of movement

Lighter, more flexible hose with low-friction coating to reduce catching on surgical fabric and drapes, or collection of dust and debris

² Comparison with Maestro, data on file

Dr. Lin¹ Custom preferences

Maestro Air
Universal foot pedal
150 psi
Irrigation rate 25%



References:

1. Surgeon names and preferences are for demonstration purposes only to help depict the range of performance and customisations possible.
2. Stryker internal data on file, test number S1610.110019. Kalamazoo, Michigan. March, 2011.
3. Stryker internal data on file, test number S12265.161839. Kalamazoo, Michigan. November 2016
4. Competitive data reflects information accessed via marketing materials, IFUs and company websites as of May, 2017.

Neurosurgical

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