

stryker

CORE 2 console

# User guide





## Guiding the way

This guide summarizes some of the common features, functions, button pushing and menus of the Consolidated Operating Room Equipment (CORE) 2 console.

The CORE 2 console powers a variety of devices, including:

- Small and large bone drills, saws and drivers
- Small and large joint shavers
- ENT shavers
- Various foot pedals
- Bone mill
- Irrigation

Collectively, the console and its related accessories are intended for:

- For use in a variety of surgical procedures, including orthopaedic, dental, ENT, neuro, spine, and endoscopic applications.
- Cut, drill, ream, decorticate, shape and smooth bone, bone cement and teeth
- Place or cut screws, metal, wires, pins and other fixation devices

**⚠** Unless specified, use only with Stryker-approved equipment and keep console outside the sterile field. Among other safety directives, adhere to recommended duty cycles, and carefully select motor settings and irrigation flow rate for the attachments and procedure at hand. This user guide is not intended to replace Instructions for Use documents. It is purely provided to summarize commonly used features.

**i** For a complete list of warnings and cautions, operational details, troubleshooting tips, cleaning protocols and duty cycles, please consult the current Stryker CORE 2 console Instructions for Use (IFU Ref 5400-052-700-EN), and IFUs for any Stryker drill motor, foot/hand switch, attachment or other accessory you connect to the CORE 2 console.

# Key features

- A** Power button
- B** 7" touch screen with 24-bit color and 170° wide viewing angle
- C** Port illumination rings (5) for constant, color-lit visibility of matched motors and foot pedals
- D** Stacking inserts (4)
- E** Motor ports (3); runs 2 non-heavy duty handpieces simultaneously. Port location refined to provide more room around the irrigation cassette.
- F** Foot pedal ports (2)
- G** Irrigation cassette port with simple, one-step insertion and removal
- H** Stacking feet (4)



- I** Pole bracket for irrigation
- J** Ethernet port
- K** USB port
- L** Specification label
- M** Equipotential lug
- N** Fuse holder
- O** Power receptacle
- P** Internal audio with distinct tones for actuation, completion, reverse motor, notifications, errors and prohibited actions
- Q** Passively cooled; no fan, no moving parts or associated noise

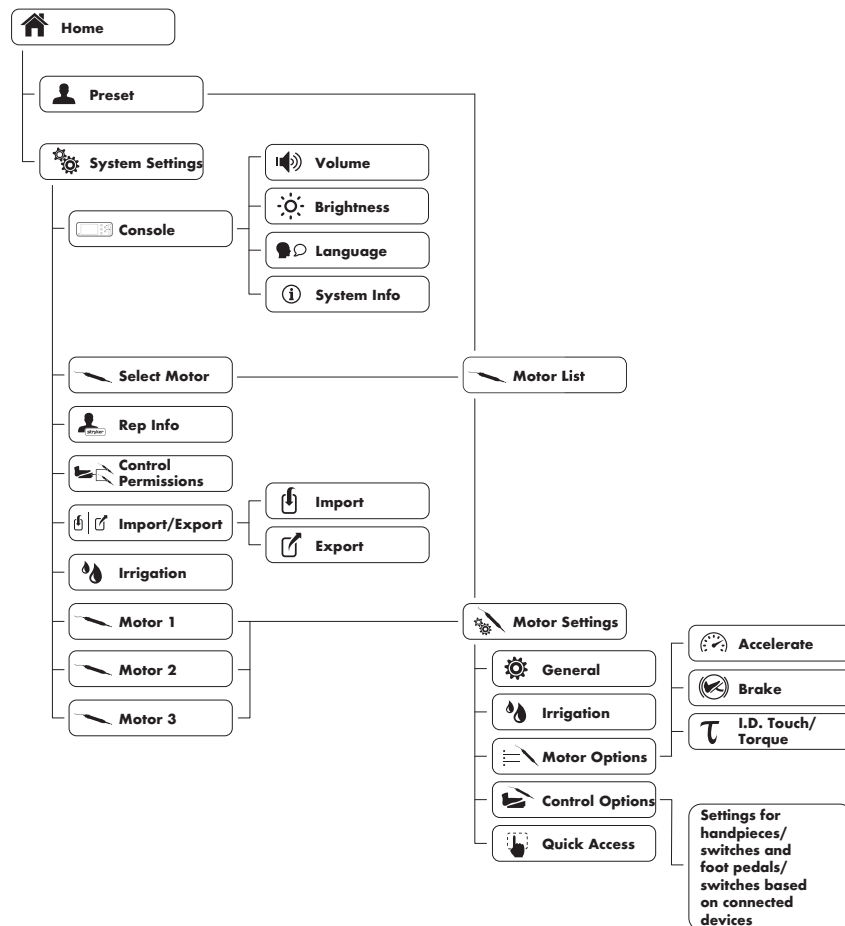




# Getting started

## Quick and easy navigation

Our flattened menu structure lets you navigate anywhere in just a few clicks, or use shortcuts such as User Profiles and Forward/Quick Access to jump to your desired destination. Further simplifying the process are smart screens which automatically detect and display available options and settings based on the devices you connect.



## Powering up is simple

To turn on the console, follow these steps and you'll have boot up in less than 20 seconds.

- ▶ Connect motors and foot pedals as desired
- ▶ Press **Power On**
- ▶ Optional irrigation
  - Place irrigation pole in rear bracket
  - Insert irrigation cassette
  - Attach irrigation clips to motor and connect tubing to irrigation bag
  - Press **Initial Prime**
- ▶ Manage **Profiles** to your liking
- ▶ Manage **System Settings** to your liking



## Home is your hub

The Home Screen is where most interaction occurs and serves as your gateway to other screens and functions.

- A Navigation bar** – includes Reset, Profiles, System Settings and Home
- B Foot switch assignment** – graphically shows foot switch assignment; touch to toggle
- C Quick access area** – allows users to set settings such as direction, irrigation and mode via the Home screen.
- D Motor Settings** – displays connected motors' name and value settings by RPM or percent to power. To adjust, touch the number onscreen and a slider bar will appear.
- E Increase/decrease** – press to adjust motor value settings, or use slider bar described in "D."
- F Home key**
- G System Settings** – push to access options for console, select motor, rep info, control permissions, import/export and irrigation
- H Profiles** – contains default profiles and stored user preferences, plus allows creation of personal profiles which are permanently saved and transferable to other Core 2 consoles via USB



# Customize to your liking

Everyone has a preferred way of working, and this can change based on the procedure or patient at hand. To accommodate virtually any preference or need, the CORE 2 console gives you unparalleled customization options. Here's a look at just some of the ways you can make your system your own.



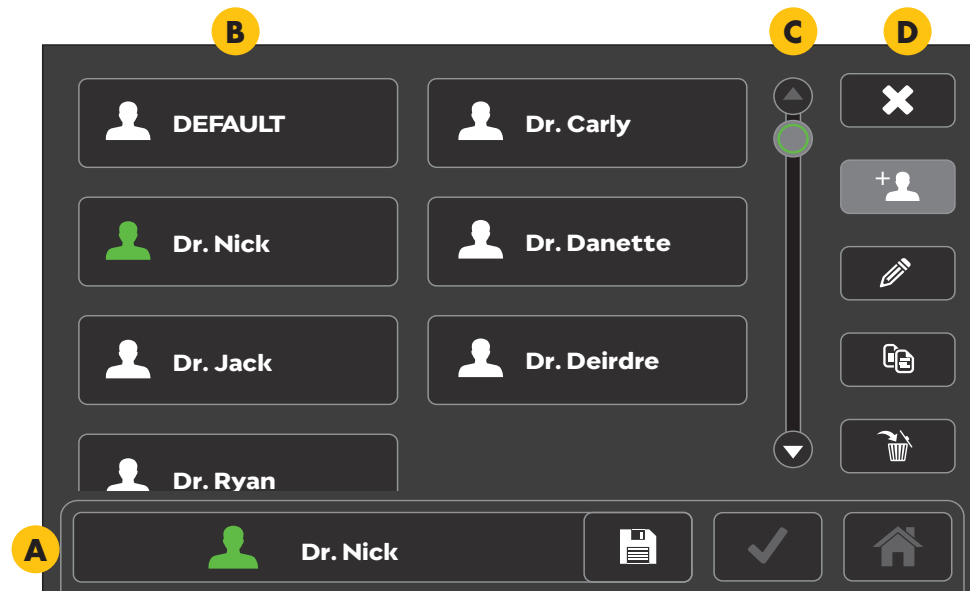
## Profiles/User preference screen

**A Navigation bar** – shows active preset in use along with save, confirm and home tabs

**B Profiles list** – includes default and existing user presets (stores up to 100+)

**C Vertical scroll bar** – scroll to find your existing preset

**D Preset options** – allow you to create, edit, copy, cancel or delete a preset



## Creating, editing, copying and transferring

### To create a Preset

- Touch **Create**
- Enter a name for your profile and touch **Next**
- A list of motors will appear; touch the one you want
- Manage **Motor Options**
- Touch **Next**
- Touch **Home**

### To edit

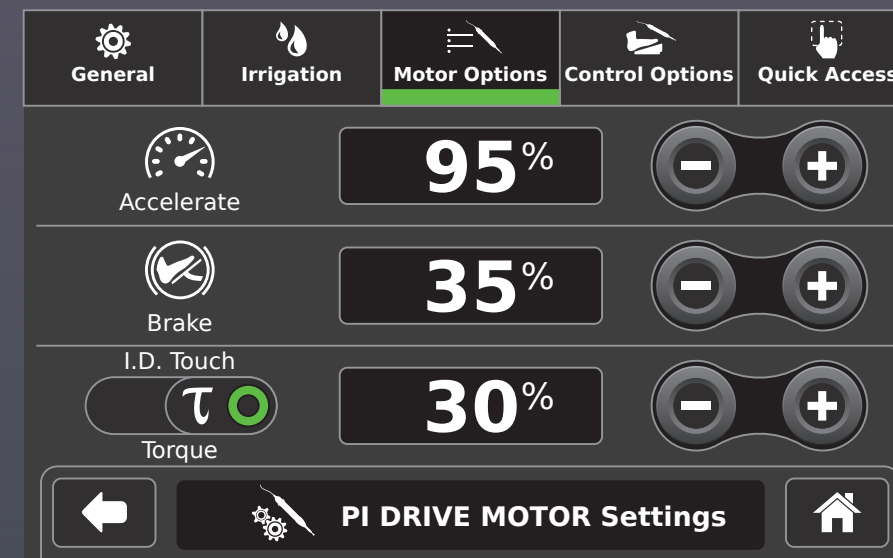
- Select the Profile file
- Touch **Edit**
- Select desired motor and manage **Motor Options**
- Touch **Confirm**

### To copy

- Touch the Profile file
- Touch **Copy**
- Enter a name and touch **Next**

### To transfer via USB

- Insert USB, touch **System Settings**
- Touch **Import/Export**
- Choose **Import** or **Export**
- Touch the desired file or **Select All**
- Touch **Confirm**. A pop up confirmation message will appear.



## I.D. Touch software: Get the perfect feel

I.D. Touch software brings a unique level of optimization to Stryker electric motors such as  $\pi$ Drive and  $\pi$ Drive+. This 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. Acceleration and braking can also be regulated from 0-100%, collectively redefining drill performance to suit your personal style.

### To set I.D. Touch preferences

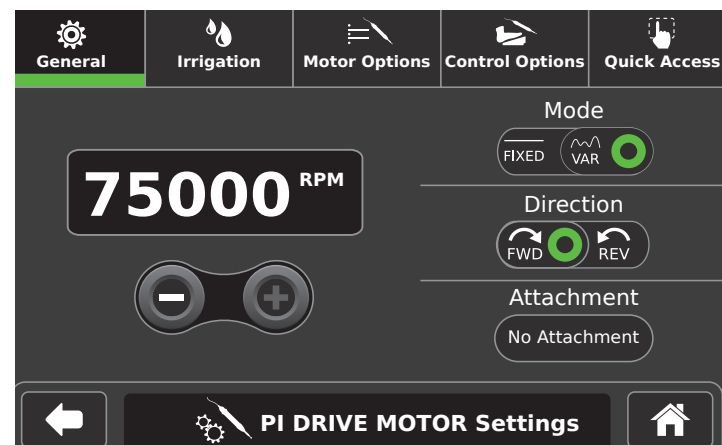
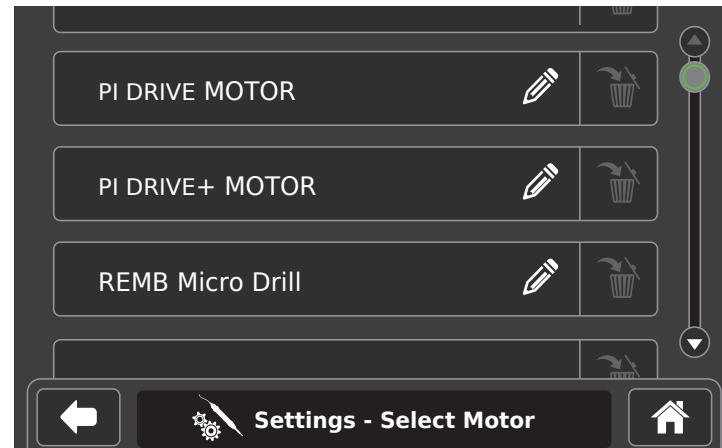
- ▶ Touch **System Settings**
- ▶ Touch **Motor 1, 2 or 3**
- ▶ Touch **Motor Settings**
- ▶ Touch **Motor Options**
  - Set your preferences for torque/I.D. Touch, acceleration and braking (0-100%)
- ▶ Touch **Home**

# Full control, from feet to fingertips

In addition to customization options on the previous page, there are several other ways to control the functionality and performance of your system — backed by safety features such as illumination rings that enable you to work freely and with full confidence.

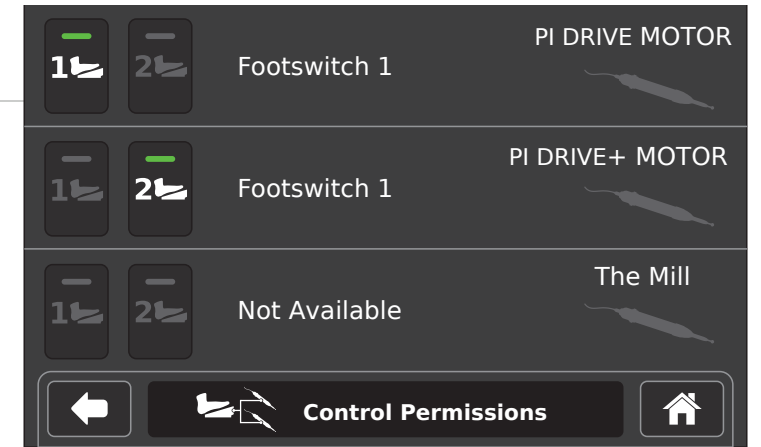
## Managing motor settings

- ▶ Select **System Settings** ⚙️
- ▶ Touch **Motor 1, 2 or 3** 🖱️
- ▶ (Screen will vary, automatically displaying options available for each particular motor)
- ▶ Adjust **General** ⚙️ settings to your liking, including RPMs, direction and fixed or variable mode
- ▶ Optional irrigation
  - Touch the **Irrigation** menu tab 💧
  - Adjust flow rate to your liking (0-100%)



## Adjusting control permissions and options

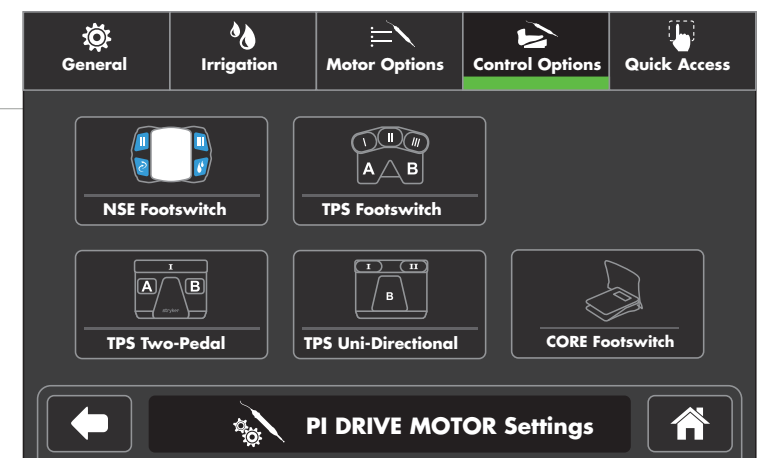
- ▶ Select **System Settings** ⚙️
- ▶ Touch **Control Permissions** 🖱️
- ▶ Assign your preferred foot pedal(s) for each motor



- ▶ For enhanced usability, two foot pedals can be assigned to a single motor
- ▶ Port illumination rings provide constant, color-lit visibility of matched drills and foot pedals



- ▶ Select **System Settings** ⚙️
- ▶ Touch **Motor 1, 2 or 3** 🖱️
- ▶ Touch **Control Options** 🖱️
- ▶ Adjust settings to your liking; screen views and options will automatically vary based on the device connected
- ▶ Touch **Home** to save settings 🏠



# Program to perform

## First-rate foot pedals

Just because they're under the table doesn't mean we've overlooked their design. Not only do we provide foot pedal choices, but each pedal has multiple extra feature buttons. Program these to perform the functions you want, including irrigation on/off, forward/reverse direction, change drill port assignment, change RPMs and more.



**CORE footswitch**  
with raised toe loop,  
270° open access



**NSE footswitch**  
with four feature buttons  
(two left, two right)



**Bi-directional footswitch**  
Dual pedal with three  
feature buttons



**Uni-directional footswitch**  
Single pedal with two  
feature buttons



# Common software icons

In addition to the icons inside, here are other icons you may frequently see. For a full listing, please see the Symbol Definition Chart (REF 0036-716-000) supplied with the console upon purchase.



**Accelerate**



**Brake**



**Control Options**



**Create**



**Export**



**Footswitch 1**



**Footswitch 2**



**Handpiece**



**Handswitch**



**I.D. Touch (Torque)**



**Initial Prime**



**Irrigation**



**Motor Options**



**Motor Settings**



**Quick Access**




**Rep Info**

## Here to help

Your Neurosurgical sales representative is happy to help you get the most from your CORE 2 console, and help set it up with your specific needs and preferences. He/she can also facilitate corresponding implementation, training and service options. **To learn more please call your Neurosurgical sales representative, 800 253 3210 or visit [neurosurgical.stryker.com](http://neurosurgical.stryker.com).**



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## Neurosurgical

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. We do not dispense medical advice and recommend that surgeons be trained in the use of any particular product before using it in surgery.

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