

**NEW &  
IMPROVED**



Micropositioning Devices

# microTargeting™ Power Assist System 2.0



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## Provides precise positioning of microelectrodes & other functional neurosurgery instruments

FHC's microTargeting™ Power Assist System (version 2.0) is a valuable component of our micropositioning product line, which advances the care of patients with neurodegenerative disorders. Over the years, many of our neurosurgical customers in the U.S. and elsewhere have selected the microTargeting Power Assist System product to enhance the practice of performing microelectrode recording.

This second generation of the system is further optimized to meet neurosurgeons' exact requirements to make MER recording efficient and effective. It is part of our Connected Care product portfolio, and it reflects our commitment to working with the medical community in improving patient care and outcomes.

The improved low noise, low vibration motor driver circuit significantly reduces and often at lower speeds, eliminates motor artifact from microelectrode recordings, allowing users to monitor recorded activity while advancing the drive.

The microTargeting Power Assist System 2.0 enables the STar™ Drive Motor/Encoder (M/E) to interface with neuromodulation targeting systems such as FHC's microTargeting Guideline™, as well as other leading microelectrode recording, surgical navigation, and data acquisition systems. Power assistance, by way of a newly-designed, ergonomic, hand-held remote control provides exact, motor-controlled drive positioning, and an OLED digital display clearly indicates the electrode position.



*“The new Power Assist System is nearly silent, I can listen to recordings while advancing the drive — a compelling advantage compared to the previous system.”*

—Dr. Anand Rughani, Maine Medical Center

The microTargeting Power Assist System (version 2.0) consists of a STar™ Drive-mounted motor unit and a handheld remote control that enables the user to remain outside the sterile field for the duration of electrode recording and positioning.

Depressing the remote control’s rocker switch from its center position causes the drive to retract or advance at a rate selected by the user. An auto-retract push button causes the drive to return home at the maximum rate in order to facilitate rapid transition to additional electrode tracks.

The Power Assist System module’s USB interface provides digital access to settings and real-time depth information for interfacing with MER, surgical navigation systems, and data acquisition systems.

- ✓ Remote control is comfortably operated with a single hand
- ✓ Simplified procedures and intuitive controls make it easy to learn and use
- ✓ Low-noise motor drive enables user to monitor microelectrode recording and activity while advancing an electrode
- ✓ Easy-to-use USB interface allows users to customize operational parameters (speed steps, target depths, depth limits, etc.)
- ✓ High-visibility OLED digital display indicates electrode position
- ✓ Easily integrates with micro-Targeting Guideline neuromodulation targeting system and other popular microelectrode recording, surgical navigation, and data acquisition systems



### Ordering Information:

#### 66-DS-PA – Power Assist System 2.0 includes:

- 66-EL-MS – microTargeting Controller Module 2.0
- 66-EL-RM – Handheld Remote Control 2.0
- 66-DA-ME – Drive Motor 2.0
- 66-DA-SC – Transport Case
- N5-55-02 – High-Speed USB Cable

### Additional Items Required for Operation:

- 66-EL-LC-XXX – Country-specific line Cord
- 66-DA-SD – Sterile Drape Sleeve
- Micropositioner: STar Drive or microTargeting Drive
- Electrodes and Insertion Tubes

### Optional Accessories:

- PM-MT2 – Service Agreement

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