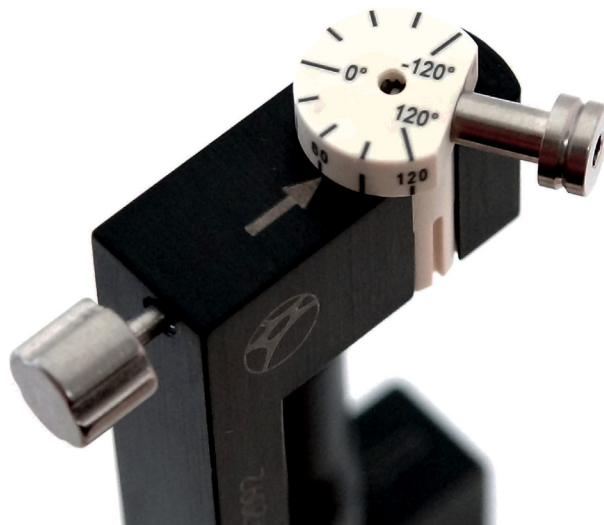




Directional Lead Positioner for Deep Brain Stimulation

The Directional Lead Positioner replaces FHC's standard lead holder and depth stop to provide safe and precise orientation control when placing or "steering" deep brain stimulation leads, including those with multiple and directional contacts. Both the Directional Lead Holder and Directional Depth Stop include markings to assist with alignment of the lead contacts.



Features and Benefits

- Versatile: Accommodates all approved DBS leads
- Accurate: Provides controlled orientation of the DBS lead contacts at 30° increments
- Easy to Use: Leverages depth stop to provide external visualization and control of DBS lead orientation
- Reliable: Uses no complex mechanisms

Operational Overview

DBS Lead Preparation

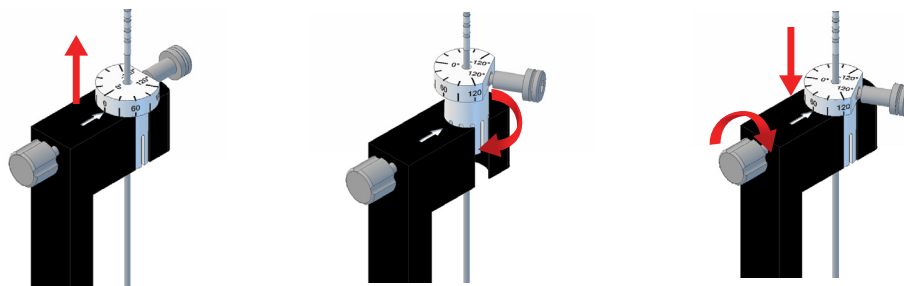
1. Attach directional lead holder to STar Drive lead measurement fixture then insert the directional depth stop into holder, positioned at zero, then tighten lead holder depth stop locking thumbknob.
2. Loosen depth stop screw and insert lead through the depth stop until tip of the lead is at the proper position on the measurement fixture. For directional leads, orient the lead so that the alignment indicator is facing up and aligned with the depth stop screw. Lightly tighten the depth stop screw to secure the lead.
3. To reorient the lead loosen the lead holder depth stop locking thumbknob then lift and rotate the depth stop to the desired angle. Re-insert the depth stop and secure the depth stop using the thumbknob.
4. Remove lead holder (with depth stop and lead attached) from measurement fixture.

DBS Lead Insertion

1. The lead insertion and holder attachment procedure is identical to normal lead holder and depth stop.

Securing the DBS Lead

1. The cannula retraction and lead securing procedure is identical to the normal lead holder and depth stop.



Ordering Information:

70-CN-DL – Directional Lead Holder

66-AC-DL – Directional Depth Stop

Additional Items Required for Operation:

ST-DS-MA – microTargeting™ STar™ Drive Manual

ST-DS-ME – microTargeting™ STar™ Drive

70-AC-MT – DBS Lead Measuring Fixture

Approved DBS Lead

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