

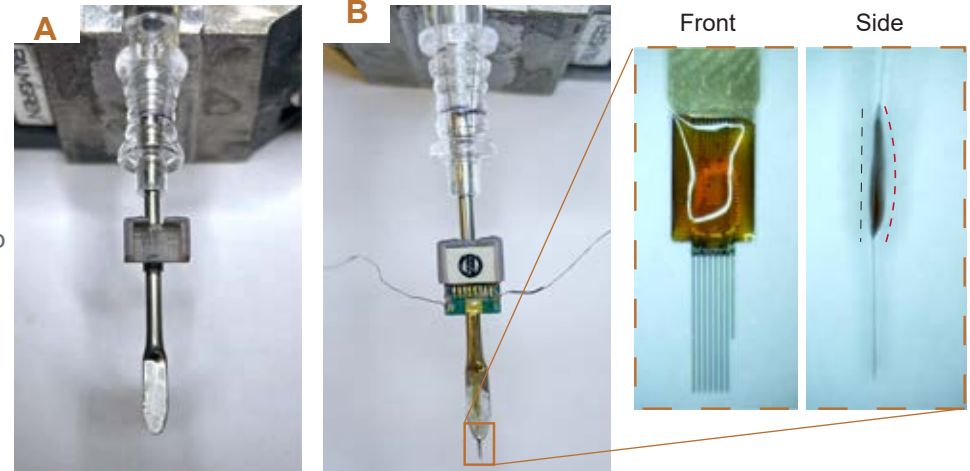
Materials Needed

- + H-series Array
- + NeuralGlider Inserter Coupler and Connector Mount
- + PEG (Sigma #309028; Mol. Wt: 10,000)
- + Heating Tool (soldering iron or similar)
- + Forceps
- + Isopropyl alcohol
- + Microscope (suggested)

To attach H-series Arrays to the NeuralGlider Inserter Coupler:

(A) Stabilize the Coupler and Connector Mount. Attach the Connector Mount to the Coupler post. (B) Slide the Connector into the Connector Mount.* The flat face of the array tip (black dashed line) should face the Coupler.

*Note: Each Connector type has a specific Connector Mount.



(C) Stabilize the Coupler under a microscope, if possible, with the flat surface facing up. Confirm that the surface is clean by applying isopropyl alcohol to the surface. (D) Place a PEG flake on the flat surface. (E) Heat the Coupler from the bottom surface, using a Heating Tool. (F) The PEG should melt and pool on the Coupler surface. (G) Using fine forceps, place the Array cable on the Coupler and submerge in the melted PEG. Reheat PEG as needed, contacting the back surface of the Coupler only (do not contact the Array cable or shanks). (H) Take care to align the silicon shanks along the Coupler long-axis for optimal insertion.

