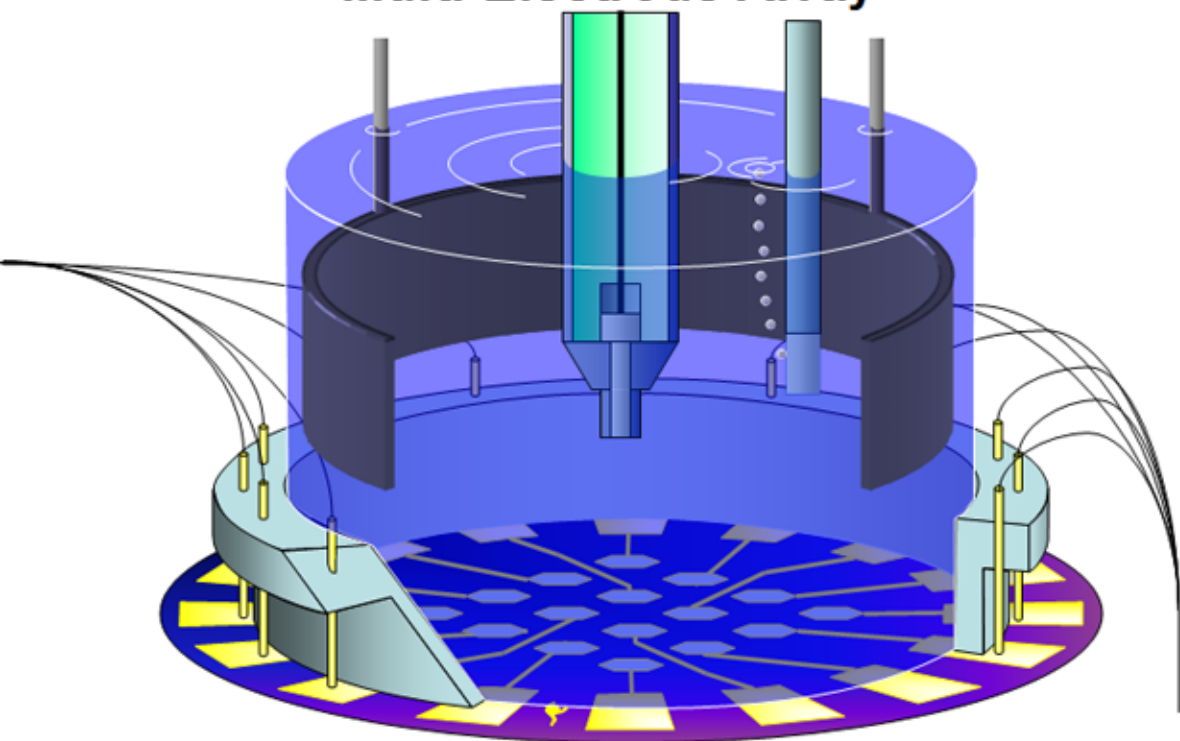


# Discrete Library Characterization

## Multi-Electrode Array



Electrical leads connect to the potentiostat

Each catalyst library member is electrically isolated from its neighbors

Reference Electrode, Counter Electrode and an air stone bubbling inert gas are held in the solution above the pads

Potentiostat biases the potential relative to a reference electrode and measures 80 individual currents

Pogo probes make electrical contact with the TiN pads

