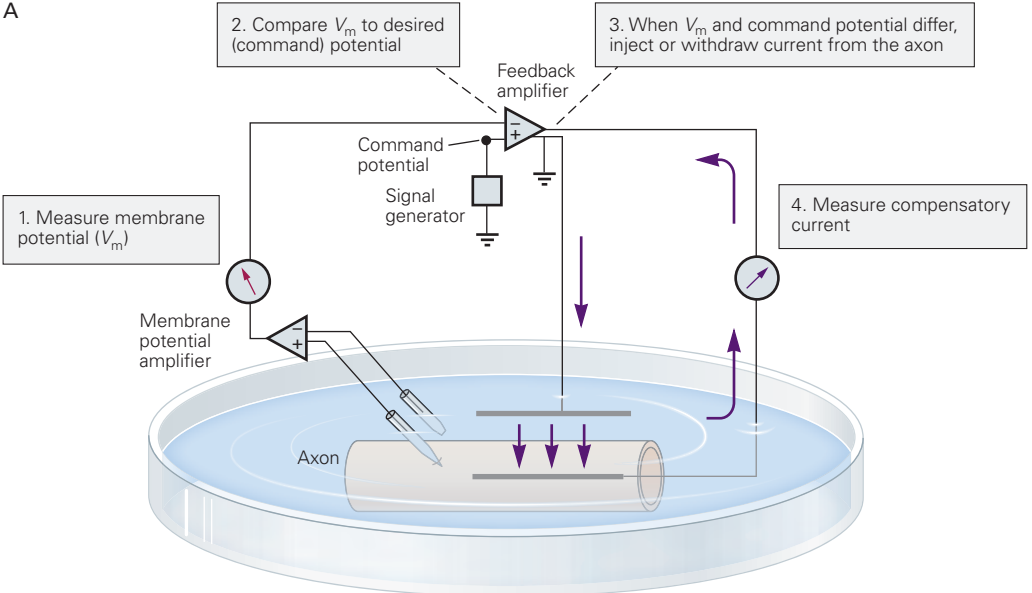
A


2. Compare V_m to desired (command) potential
3. When V_m and command potential differ, inject or withdraw current from the axon
Feedback amplifier
Command potential
Signal generator
1. Measure membrane potential (V_m)
4. Measure compensatory current
Membrane potential amplifier
Axon