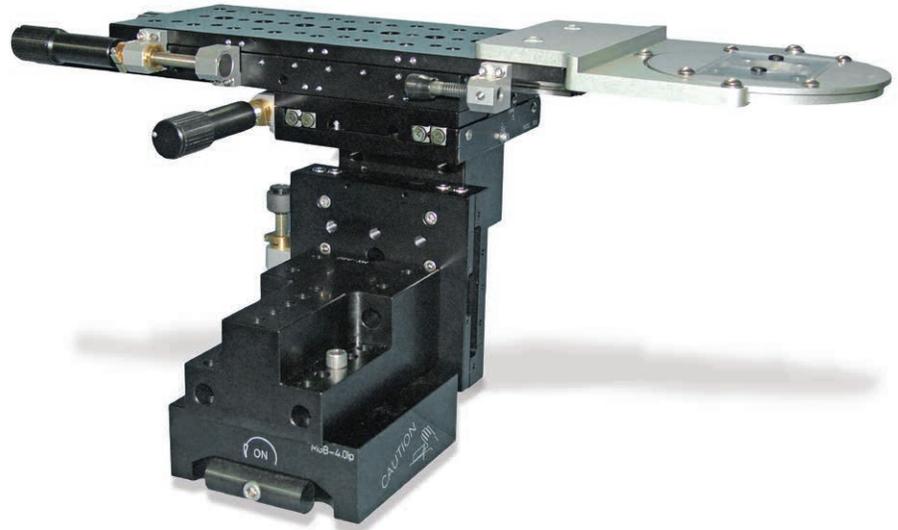


Outfit your entire rig with Siskiyou accessories.

3 Axis Shuttle System



Shown in retracted position



Horizontal



Vertical



Round

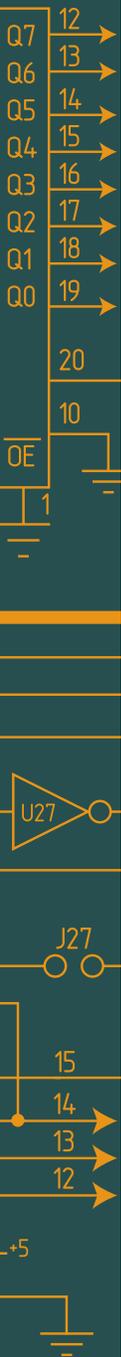


Chamber Shuttle System: 3 Axis

One inch working travel in XYZ. Choice of 20, 40, 80, and 100 TPI adjustment screws. Magnetic coupling (pat. pend) allows quick withdrawal of perfusion chamber from working area.

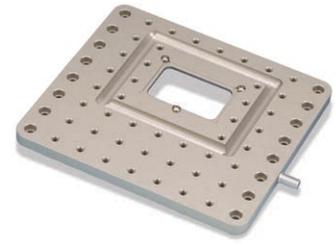
Perfusion Chambers: Horizontal, Vertical, Round

The PC series perfusion chambers have embedded magnets that are conveniently located to retain perfusion plumbing and ground plugs. They are designed to fit into our 8090c fixed stage platform. A standard 22 mm cover slip is used to create the chamber bottom that is attached with vacuum grease, silicon, or parafilm. There are two plastic retention screws for added security. Both openings accept 13-mm round cover slips for cultured specimens. PC series chambers come in three styles: horizontal, vertical, and round. All models have two small but very powerful magnets located next to the input/output reservoirs and two more located closer to the recording chamber.



The 8090c Platform

The 8090c perfusion chamber platform is specifically designed with the electrophysiologist in mind. With adequate mounting holes and a drainage trough around the perimeter for solution overflows. The 8090c is ideal for fixed stage electrophysiology setups. The drainage trough is designed to protect your expensive microscope optics by funneling the solution to the outer edge of the platform and down the drainage tube to a safe location. The chamber receiver is located off of center and accepts our PC series perfusion chambers. Clearance holes along the right and left hand edges allow mounting as a stand-alone fixed stage or as the center chamber platform in a bridged platform setup.



PC-A Chamber Adapter

The PC-A chamber adapter allows the user to mount our PC-V and PC-H chambers into our 8090P platform. Their 10.8-cm diameter is also compatible with Olympus microscope stages and allows 360° rotation of the chamber.



Amplifier Electrode Holders

The Stable-tip electrode holders eliminate the final instability in the electrophysiology experimental setup. We've taken a thermally stable base material and coated it with aluminaoxide. This coating has two benefits: first, it is non-conductive so the holder does not act as an electrical antenna; second, it is very resistant to corrosion. Under conditions of a high resistance electrode seal (gigaseal), the ST series electrode holder has a noise level of 0.79–0.80 pA RMS (5kHz filter); polycarbonate measured 0.78–0.79 pA. The base material of the Stable-tip has a thermal expansion coefficient of 23 $\mu\text{m}/\text{m}^\circ\text{C}$ versus 70 $\mu\text{m}/\text{m}^\circ\text{C}$ of a polycarbonate holder. That is an improvement by a factor of three.



Ordering Information

Part No.	Siskiyou Accessories
SD-Shuttle	Three axis Chamber Shuttle System
SD-PC-H	Horizontal Perfusion Chamber w/4 magnetic clips
SD-PC-V	Vertical Perfusion Chamber w/4 magnetic clips
SD-PC-R	Round Perfusion Chamber w/4 magnetic clips
SD-8090c	Perfusion Chamber Platform, 8.0 x 9.0" w/drain
SD-PC-A	Perfusion chamber adapter, 10.8cm or 11cm diameter
Co-48510-00	Coverslips, borosilicate 22x22mm square #1, ~156 pcs.
SD-ST50-200/HS	Electrode holder fits Axon 200/700 & HS-2A amplifiers
SD-ST50-BNC	Electrode holder fits amplifiers with BNC connectors
SD-ST50-CV	Electrode holder fits Axon CV-4 amplifiers

U.S./Canada prices shown. International prices add 20%. Email or visit web store for latest prices

