



# Adjustable Mounted CryoLoop, 0.05 - 0.1 mm - 25/pk

Cryocrystallography

## Product codes:

Reference: HR 4338

## Product gallery:



## Product description:

- Adjustable loop orientation
- Synthetic CryoLoop on adjustable stainless steel MicroTube
- MicroTube specially engineered with EasySnap notches
- 20 micron diameter nylon CryoLoop

Similar to the Mounted CryoLoop™ in design and function, the Adjustable Mounted CryoLoop allows one to manipulate and orient the CryoLoop to multiple, unique positions previously unattainable with typical cryo setups. The Adjustable Mounted CryoLoop is a 20 micron diameter synthetic loop mounted inside a malleable stainless steel sleeve, which in turn, is mounted inside the EasySnap MicroTube™.

Using forceps or a probe one can manipulate the angle and orientation of the CryoLoop by bending and adjusting the angle of the malleable stainless steel insert which holds the CryoLoop. The Adjustable Mounted CryoLoop may be positioned several times. Note: Repeated manipulation will fatigue the sleeve which can lead to failure of the sleeve. The Adjustable Mounted CryoLoop is designed to work with the CrystalCap System components.



The MicroTube is 24 mm in length and is specially engineered with EasySnap™ notches at the 10, 12, 14, 18, and 21 mm measures. To obtain the desired length of MicroTube, simply snap the MicroTube at the desired length and stake it to the CrystalCap™ Magnetic or CrystalCap™ Copper Magnetic. These nylon loops show minimal diffraction, are thin for fast freezing, strong, and aerodynamic.

Most data collection geometries prefer or require a 22 mm length between the base of the cap and the beam. For a 22 mm overall length using the CrystalCap, CrystalCap ALS, CrystalCap ALS HT and CrystalCap SPINE HT, snap the MicroTube at the second notch from the bottom, creating an 18 mm MicroTube length and secure to the CrystalCap using epoxy or similar adhesive. For a 22 mm over length using the CrystalCap Copper, CrystalCap Copper HT, CrystalCap ALS Copper HT snap the MicroTube at the fifth notch from the bottom (notch closest to the CryoLoop) and secure to the CrystalCap using epoxy or similar adhesive.

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

**Product features:**

CRF - TIPO: Adjustable Mounted CryoLoop