



CrystalCap HT, 0.4 - 0.5 mm - without Vial - 30/pk

Cryocrystallography

Product codes:

Reference: HR 8128

Product gallery:



Product description:

- SPINE style sample mount for cryocrystallography
- CrystalCap SPINE HT attaches magnetically to CrystalCap Vial and Magnetic Goniometer Base
- Hollowed out design compatible with SPINE style grippers, auto mounters and sample handlers
- Compatible with automated sample handlers

The original CrystalCap SPINE with the 2D code and color code for CryoLoop size will be discontinued and replaced with a CrystalCap SPINE without a 2D code and without a color code for CryoLoop size.

The new CrystalCap SPINE will have no 2D code on the bottom of the cap, and the identification number and CryoLoop size is printed on the outside edge of the CrystalCap SPINE. All other aspects, including dimensions remain the same with the new CrystalCap SPINE.

The original and replacement CrystalCap SPINE HT are a magnetic sample mount (also known as a cap, pin or goniometer base) designed for cryocrystallography systems that accept SPINE style caps. The CrystalCap SPINE HT attaches to a magnetic CrystalCap SPINE Vial and magnetic goniometer base. The tip of the CrystalCap SPINE HT accepts a Mounted CryoLoop™.

The CrystalCap SPINE Vial is a 1.8 ml cryo vial featuring two small vents and is compatible with



the CrystalCap SPINE HT. A ring magnet is molded into the open end of the vial so that when the cap is positioned in the vial, the ring magnet holds the cap on the vial during cryogenic storage. The CrystalCap SPINE Vial features chamfered edges for enhanced cap positioning as well as a magnetic alloy bottom for stability. The HR8-114 CrystalCap SPINE Vial does have a magnet on the bottom of the vial.

The hollowed out design of the CrystalCap SPINE HT is compatible with SPINE style grippers, auto mounters and sample handlers.

The original CrystalCap SPINE HT features a two dimensional (2D) alphanumeric 16 x 16 data matrix code on the underside of the cap. Each original cap is also color coded for CryoLoop size.

CrystalCap SPINE without 2D code/printing (HR8-094) is the CrystalCap SPINE HT cap only, without 2D code, without color code, without white background on bottom of cap and no alphanumeric side labeling; cap only, without Mounted CryoLoop.

Note: Caps with Mounted CryoLoops are sold without vials. Vials available separately.

Original CrystalCap SPINE with 2D code and color code still available.

HR8-118 CrystalCap SPINE HT 0.025-0.05 mm CryoLoop, without Vial - 30 pack (Red)

HR8-128 CrystalCap SPINE HT 0.4-0.5 mm CryoLoop, without Vial - 30 pack (red/Green)

HR8-130 CrystalCap SPINE HT 0.5-0.7 mm CryoLoop, without Vial - 30 pack (Yellow/Red)

New CrystalCap SPINE with identification code and loop size on outside edge of the cap. No 2D code or color code.

HR8-120 CrystalCap SPINE HT 0.05-0.1 mm CryoLoop, without Vial - 30 pack without 2D code

HR8-122 CrystalCap SPINE HT 0.1-0.2 mm CryoLoop, without Vial - 30 pack without 2D code

HR8-124 CrystalCap SPINE HT 0.2-0.3 mm CryoLoop, without Vial - 30 pack without 2D code

HR8-126 CrystalCap SPINE HT 0.3-0.4 mm CryoLoop, without Vial - 30 pack without 2D code

HR8-112 CrystalCap SPINE HT Cap Only – 30 pack (no CryoLoop)

Compatible with the following Synchrotron Radiation Beamlines

North & South America

- The Advanced Light Source, Berkeley, California ALS 4.2.2, ALS 11.3.1, ALS 12.2.2, ALS 12.3.2
- The Advanced Photon Source, Argonne, Illinois APS 14-BM-C BioCARS, APS 14-ID-B BioCARS, APS 21-ID-D LS-CAT, APS 21-ID-E LS-CAT, APS 21-ID-F LS-CAT, APS 21-ID-G LS-CAT, APS 23-ID-B GA/CA, APS 23-ID-D GA/CA, APS 24-ID-E NE-CAT, APS 31-ID LR-CAT
- Center for Advanced Microstructures and Devices, Baton Rouge, Louisiana CAMD GCPCC



- Cornell High Energy, Synchrotron Source, Ithaca, New York CHESS A1, CHESS F1
- The Brazilian Synchrotron Light Laboratory, Sao Paulo, Brazil LNLS D03B-MX1, LNLS W01B-MX2
- National Synchrotron Light Source II, Upton, New York NSLS-II 17-ID-1 AMX and NSLS-II 17-ID-2 FMX. NSLS-II 19-ID NYX

Europe

- Cerdanyola del Vallés, Spain ALBA XALOC
- Berlin Electron Storage Ring Company for Synchrotron Radiation, Berlin, Germany BESSY 14.1, BESSY 14.2, BESSY 14.3
- Diamond Light Source, Didcot, Oxfordshire, England DIAMOND I02, DIAMOND I03, DIAMOND I04, DIAMOND I04.1, DIAMOND I24
- Elettra Sincrotrone Trieste, Trieste, Italy ELETTRA 5.2R
- European Molecular Biology Laboratory, Hamburg, Germany EMBL/DESY P13, EMBL/DESY P14
- European Synchrotron Radiation Facility, Grenoble, France ESRF BM14, ESRF BM30A, ID30A-1/MASSIF-1, ID30A-3/MASSIF-3, ESRF ID23-1, ESRF ID23-2, ESRF ID29
- Max-Lab, Lund University, Sweden MAX II I911-2, MAX II I911-3
- Swiss Light Source at Paul Scherer Institut, Switzerland SLS X06DA-PXIII, SLS X06SA-PXI, SLS X10SA-PXII
- SOLEIL, Saint-Aubin, France SOLEIL PROXIMA1, SOLEIL PROXIMA2

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

Product features:

CRF - TIPO: CrystalCap SPINE HT