



CrystalCap ALS HT, 0.05-0.1 mm - 30/pk

Cryocrystallography

Product codes:

Reference: HR 8202

Product gallery:



Product description:

- ALS style crystal mount for cryocrystallography
- CrystalCap ALS HT attaches magnetically to CrystalCap Vial and Magnetic Goniometer Base
- Ledge free conical shape compatible with ALS style grippers, auto mounters and sample handlers
- 2D alphanumeric coding for sample tracking & management (original CrystalCap ALS HT)
- Color coded CryoLoop size (original CrystalCap ALS HT)
- Identification number and CryoLoop size printed on outside edge of the cap (new CrystalCap ALS HT)

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

The CrystalCap Vial is a 1.8 ml cryo vial featuring two small vents. 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 HR4-904 CrystalCap Vial does not have a magnet on the bottom of the vial.

The ledge free conical shape of the CrystalCap ALS HT is compatible with ALS style grippers, auto mounters and sample handlers.



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

The new CrystalCap ALS HT features an identification number and the CryoLoop size printed on the outside edge of the CrystalCap.

Note: CrystalCap ALS HT with Mounted CryoLoops are sold without vials. Vials HR4-904 sold separately.

Original CrystalCap ALS HT

Color Coded Cap.....CryoLoop Size

Red.....0.025-0.05 mm

Green.....0.05-0.1 mm

Blue.....0.2-0.3 mm

Blue/Red.....0.3-0.4 mm

Green/Red.....0.4-0.5 mm

Yellow/Green.....0.7-1.0 mm

New CrystalCap ALS HT

Printed identification number and CryoLoop Size..... 0.1-0.2 mm (HR8-204)

Compatible with the following Synchrotron Radiation Beamlines

North & South America

- The Advanced Light Source, Berkeley, California ALS 4.2.2, ALS 5.0.1, ALS 5.0.2, ALS 5.0.3, ALS 8.2.1, ALS 8.3.1, ALS 11.3.1, ALS 12.2.2, ALS 12.3.2, ALS 12.3.1-APX
- The Advanced Photon Source, Argonne, Illinois APS 14-BM-C BioCARS, APS 14-ID-B BioCARS, APS 17-ID IMCA-CAT, APS 19-BM, APS 19-ID, APS 22-BM SER-CAT, APS 22-ID SER-CAT, PS 23-BM-B GA/CA, APS 23-ID-B GA/CA, APS 23-ID-D GA/CA, APS 24-ID-C NE-CAT, 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
- Canadian Light Source, Saskatchewan, Canada, CLS 08ID-1, CLS 08B1-1
- The Brazilian Synchrotron, Light Laboratory, Sao Paulo, Brazil LNLS D03B-MX1, LNLS W01B-MX2
- Stanford Synchrotron Radiation Laboratory, Menlo Park, California SSRL BL7-1, SSRL BL9-1, SSRL BL9-2, SSRL BL11-1, SSRL BL12-2, SSRL BL14-1

Europe

- Kurchatov Center for Synchrotron Radiation and Nanotechnology, Moscow, Russia KCSRNT K4.4
- Max-Lab, Lund University, Sweden MAX II I711, MAX II I911-2, MAX II I911-3
- MPG/DESY, Hamburg, Germany MPG/DESY BW6
- SOLEIL, Saint-Aubin, France SOLEIL PROXIMA1, SOLEIL PROXIMA2



Asia & Australia

- Shanghai Synchrotron Radiation Facility, Shanghai, China SSRF BL17U1
- National Synchrotron Radiation Research Center, Taiwan NSRRC BL13B1, NSRRC BL13C1
- Pohang Accelerator Laboratory, Pohang, South Korea PAL 2D, PAL 5C, PAL 7A
- Photon Factory, Tsukuba, Japan PF BL-5A, PF BL-17A, PF AR-NW12A
- Super Photon ring-8 GeV, Japan SPRING-8 BL12B2, SPRING-8 BL24XU, SPRING-8 BL26B1, SPRING-8 BL26B2, SPRING-8 BL32B2, SPRING-8 BL32XU, SPRING-8 BL38B1, SPRING-8 BL41XU, SPRING-8 BL44B2, SPRING-8 BL44XU

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

Product features:

CRF - TIPO: CrystalCap ALS HT