

CRYOPORT EXPRESS® CRYOGENIC HV3 SHIPPING SYSTEM



LN2 Refill With Samples Inside Instructions

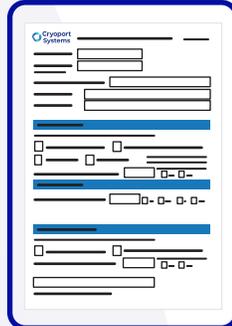
NEED HELP? CONTACT CRYOPORT SYSTEMS' CLIENT CARE AT (949) 470-2305 OR EMAIL CS@CRYOPORT.COM

Step 1



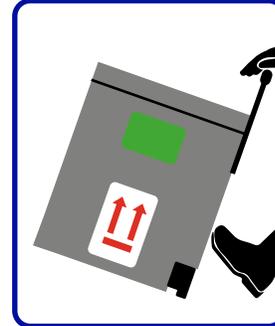
Wear the appropriate Personal Protective Equipment (PPE) when handling cryogenic shipments.

Step 2



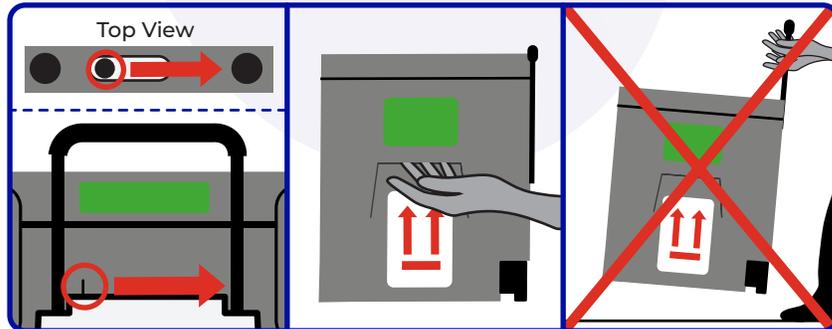
Contact Cryoport Systems' Client Care to access the In-Field Recharging Verification Form and complete Section A.

Step 3



To lift the metal handle, see Step 4. Once the handle is up, hold it, place your foot at the bottom of the metal panel, tilt the shipping system back, and use the integrated wheels to move it to the desired

Step 4

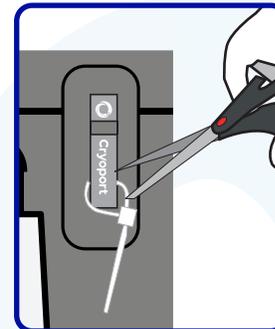


To unlock the metal handle, use one hand to slide the lever to the right and the other to lift or lower the handle.

NOTE: If the metal handle is bent or broken, use the nested handles on the sides to move the shipping system.

WARNING: DO NOT CARRY THE SHIPPING SYSTEM BY THE HANDLE.

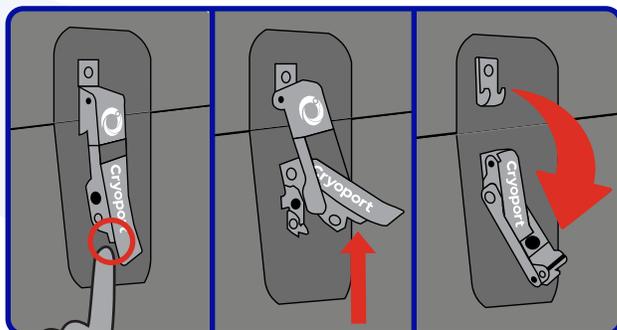
Step 5



Use scissors to remove zip ties from both steel latches.

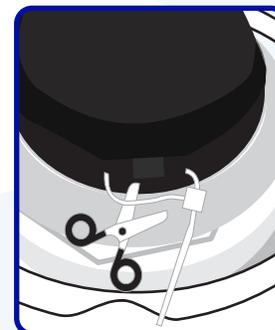
NOTE: If a serialized zip tie is present, record the serialized number on all necessary documentation.

Step 6



To unlock the latches, push the button located behind the latch handle and lift. To disconnect the top, pull the latch away from the hooks.

Step 7



To access the dewar, open the lid and cut off the zip tie on the hinged cap with scissors.

NOTE: If a serialized zip tie is present, record the serialized number on all necessary documentation.

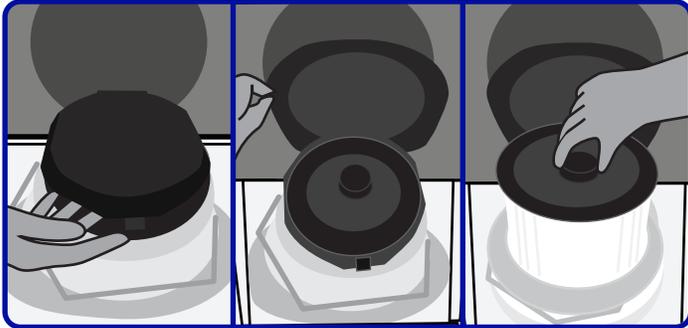
CRYOPORT EXPRESS® CRYOGENIC HV3 SHIPPING SYSTEM



LN2 Refill With Samples Inside Instructions

NEED HELP? CONTACT CRYOPORT SYSTEMS' CLIENT CARE AT (949) 470-2305 OR EMAIL CS@CRYOPORT.COM

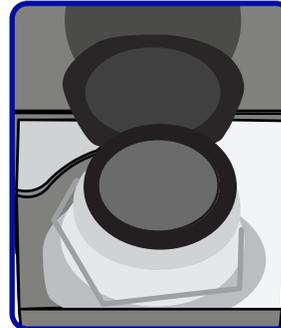
Step 8



For additional stability, open the hinged cap and rest it against the enclosure lid. To remove the vapor plug, pull up on the circular handle located in the center. Place the vapor plug aside with the fleece lining facing up.

NOTE: If the dewar does not emit vapor after the plug is removed, please call Cryoport Systems' Client Care at (949) 470-2305.

Step 9



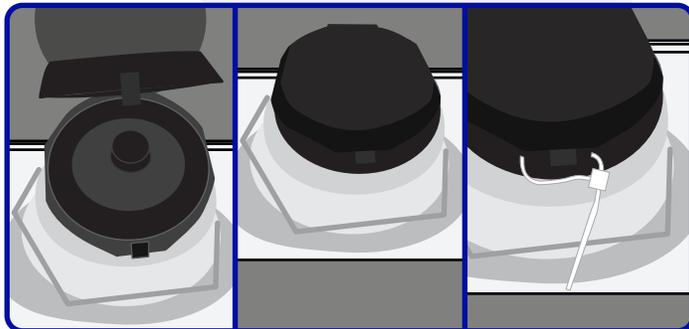
Slowly pour liquid nitrogen into the opening.

NOTE: Cryoport Client Care will provide information on the amount of LN2 to use for your specific use case.

CAUTION

This process may expose samples directly to liquid nitrogen.

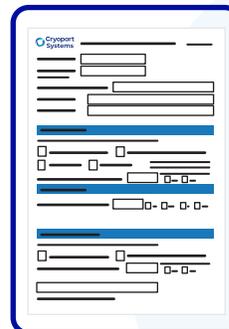
Step 10



Reinsert the vapor plug. Close the hinged cap and secure it with a zip tie. Do not over tighten the zip tie as it will cause breakage.

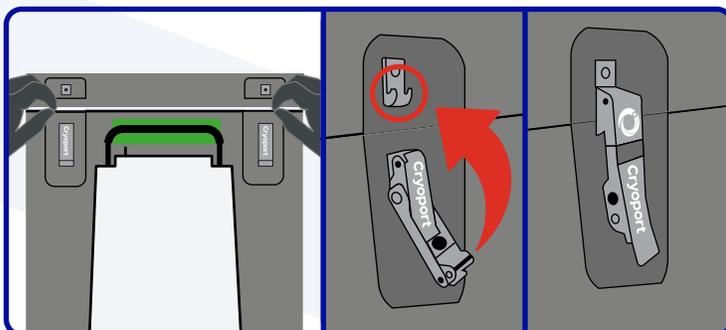
NOTE: If a serialized zip tie is present, record the serialized number on all necessary documentation.

Step 11



Complete Section C and D of the In-Field Recharging Verification Form.

Step 12



Close the lid and align it with the base. After aligning the enclosure, lift the latch handles and connect them to the hooks. Then, pull the latch handle down towards the enclosure until you hear a click to secure the latch. Complete this step for both latches.

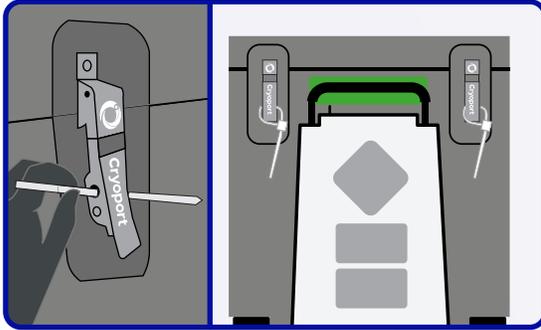
CRYOPORT EXPRESS® CRYOGENIC HV3 SHIPPING SYSTEM



LN2 Refill With Samples Inside Instructions

NEED HELP? CONTACT CRYOPORT SYSTEMS' CLIENT CARE AT (949) 470-2305 OR EMAIL CS@CRYOPORT.COM

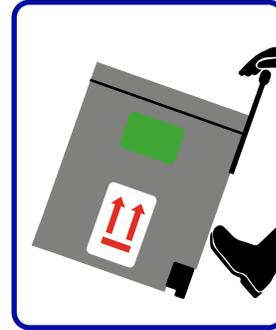
Step 13



Insert the zip tie from left to right through each metal latch hole, wrap it around each latch, tighten it, and secure the lid. Do not over tighten the zip ties as it will cause breakage.

NOTE: If a serialized zip tie is present, record the serialized number on all necessary documentation.

Step 14



Place the shipping system on flat ground. See Step 4 to lift the metal handle with your hands, then place your foot at the bottom of the metal panel, tilt the shipping system back, and use the integrated wheels to move it to the desired location.