

**PERSONAL PROTECTIVE EQUIPMENT:**

- Cryogenic Gloves
- Safety Goggles

**Step 1**



Unlock latch by turning the key to the left.

The latch will release from the top of the dewar.



Open the lid to expose the dewar.

**Step 2**

Remove the vapor plug and rest it sideways, behind the dewar and against the brown top.



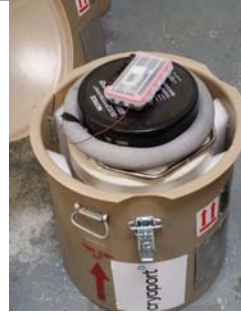
**Step 3**

Slowly pour Liquid Nitrogen into opening. Fill the dewar up to the bottom of the neck tube.



**Step 4**

Replace the vapor plug and let the Dry Shipper stabilize, undisturbed, for at least 30 minutes.



**Step 5**

Fill the dewar again, up to the bottom of the neck tube.



**Step 6**

Replace the vapor plug and let the Dry Shipper stabilize, undisturbed, overnight.



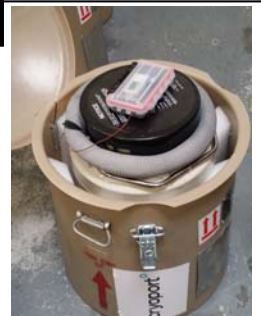
**Step 7**

Pour off any excess liquid nitrogen by tipping the open end of the dry shipper toward the ground for two seconds.



**Step 8**

Replace the vapor plug until ready to load samples.



**Step 9**

Complete the In Field Recharging form and send it to [cs@cryoport.com](mailto:cs@cryoport.com)

**cryoport** In-Field Re-Charging Verification Form

Re-Charging Date: \_\_\_\_\_  
 Re-Charging Time: \_\_\_\_\_  
 Name of Person Re-Charging Dewar: \_\_\_\_\_  
 Name of Company: \_\_\_\_\_  
 Location of Dewar: \_\_\_\_\_

**Pre-Charging Information**

How often do you check the dewar level? (Daily/Weekly/Monthly)

Dewar contains community  Dewar does NOT contain community

Dewar is COLD  Dewar is WARM

Weight of the Shipper Prior to Recharging: \_\_\_\_\_

**Charging Information**

Amount of LN2 added to Dewar: \_\_\_\_\_

**Post-Charging Information**

How often do you check the dewar level? (Daily/Weekly/Monthly)

Dewar contains community  Dewar does NOT contain community

Weight of the Shipper After Recharging: \_\_\_\_\_

Signature of Person Re-Charging Dewar: \_\_\_\_\_

**24-HOUR HELP LINE**  
**(949) 470-2305**

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