This procedure will cover the steps to properly pack up the 2910/2920/2010 DSC for shipment.

**Packing Materials Provided:**

<table>
<thead>
<tr>
<th>2010</th>
<th>Autosampler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bell jar plate</td>
<td>Support foam</td>
</tr>
<tr>
<td></td>
<td>Shipping foam</td>
</tr>
</tbody>
</table>

**Tools Required:**

- Flathead screwdriver
- Phillips screwdriver
- 3/32” or 5/32” Allen key (depending on cooling device)
- Stretch wrap
- Heavy-duty tape
- Strapping kit

NOTE: If this instrument is equipped with an RCS or LNCA, the flange temperature **must** be at ambient temp **before** removing the cooling head.

**DSC 2010**

1. Power down the instrument.
2. Remove all cooling devices (RCS, LNCA) from the cell.
3. Disconnect all cords, cables, and tubing to the instrument.
4. Remove the glass bell jar (if applicable) from the cell.
5. Remove the inner silver lid.
6. Re-install the outer cell cover and tape it down on the cell.
7. If you are sending instrument to TA Instruments for repair, **DO NOT SEND BELL JAR**. Store bell jar in a safe place and go to step 10.
8. Replace bell jar.
9. Install bell jar plate and secure to base with 2 screws.
10. If shipping the instrument in the reusable TA plastic shipping container;
    a. Place instrument in shipping container.
    b. Place top portion of shipping container over the instrument. Note the direction, the “FRONT” is labeled on both the top and bottom portions of the container. Secure latches on all sides.
    c. Your instrument is now ready to ship.
11. If shipping the instrument in the cardboard shipping carton;
   a. Carefully lift the instrument and remove the feet.
   b. Align instrument to the shock mounts on the wooden pallet.
   c. Secure instrument to pallet with 4 shipping bolts.
   d. Place pallet with instrument inside shipping carton.
   e. Place sleeve inside shipping carton.
   f. Place feet and accessories inside box and seal with heavy-duty tape.
   g. Using a strapping kit, secure carton to a shipping pallet.
   h. Your instrument is now ready to ship.

**DSC 2910/2920**

1. Power down the instrument.
2. Remove all cooling devices (RCS, LNCA) from the cell.
3. Disconnect all cords, cables, and tubing to the instrument.
4. Remove the cell from the instrument.
5. If you are sending in the cell with the instrument, package the cell in a separate box and strap it to the instrument.
6. If shipping the instrument in the reusable TA plastic shipping container;
   a. Place instrument in shipping container.
   b. Place top portion of shipping container over the instrument. Note the direction, the “FRONT” is labeled on both the top and bottom portions of the container. Secure the latches on all of the sides.
   c. Your instrument is now ready to ship.
7. If shipping the instrument in the cardboard shipping carton;
   a. Carefully lift the instrument and remove the feet.
   b. Align instrument to the shock mounts on the wooden pallet.
   c. Secure instrument to pallet with 4 shipping bolts.
   d. Place pallet with instrument inside shipping carton.
   e. Place sleeve inside shipping carton.
   f. Place feet and accessories inside box and seal with heavy-duty tape.
   g. Using a strapping kit, secure carton to a shipping pallet.
   h. Your instrument is now ready to ship.

**DSC Auto-sampler**

1. If you have an auto-sampler on either the 2910 or 2920, the pack-up is the same.
2. Remove the lids and the tray of pans from the auto-sampler.
3. Remove the 4 screws from the cover closest to the cell. Remove the cover (Figure 1).
4. Insert the foam support under the vertical lift motor (Figure 2).
5. Carefully rotate the auto-sampler by hand. Turn it counter-clockwise until the gripper fingers are facing the cell (Figure 3).
6. Re-install the side cover and screws, being careful not to bend the gripper fingers.
7. Gently push down on the turret until the turret will not go down any further. DO NOT FORCE THE TURRET DOWN (Figure 4).
8. Place the large shipping foam over the turret and run shrink-wrap around the instrument to hold the foam in place (Figure 5).

9. If shipping the instrument in the reusable TA plastic shipping container;
   a. Place instrument in shipping container.
   b. Place top portion of shipping container over the instrument. Note the direction, the “FRONT” is labeled on both the top and bottom portions of the container. Secure latches on all sides.
   c. Your instrument is now ready to ship.

10. If shipping the instrument in the cardboard shipping carton;
    a. Carefully lift the instrument and remove the feet.
    b. Align instrument to the shock mounts on the wooden pallet.
    c. Secure instrument to pallet with 4 shipping bolts.
    d. Place pallet with instrument inside shipping carton.
    e. Place sleeve inside shipping carton.
    f. Place feet and accessories inside box and seal with heavy-duty tape.
    g. Using a strapping kit, secure carton to a shipping pallet.
    h. Your instrument is now ready to ship.

**TA Instruments strongly recommends using a Motor Freight Carrier!**