

## Protocol for Redifrac Fraction Collector

Please follow these important steps when you use the fraction collector.

1. Position the delivery arm to the right by lifting it near the spring and rotating it to the right. There is a stop on the arm mount that will hold it in position to the right of the rack.
2. Place the test tube rack on the fraction collector while holding the drive sleeve away from the rack with your left hand.
3. Move the delivery arm gently (by lifting it near the spring) to the first test tube in the rack. The top of the tube should be just below the horizontal line on the tube sensor, a grey plastic paddle that extends down from the end of the arm.
4. Adjust the position of the rack until the first tube just contacts the switch on the tube sensor. When you want to rotate the rack, move the drive sleeve away from the rack and then rotate. If the drive sleeve is in contact with the rack while it rotates, the threaded rubber cap of the drive sleeve will wear out.
5. Remove the tubing holder from the delivery arm, loosen the threaded cap, and insert the tubing in the tubing holder. There is a depth gauge in the top of the delivery arm, a small hole surrounded by a white circle. Insert the end of the tubing in this hole until it hits bottom, then slide the tubing holder down to the surface of the arm. Now tighten the threaded cap just enough to hold the tube in place. Do not over-tighten, as this will restrict fluid from moving through the tube.
6. Insert the tubing holder into the top of the delivery arm. Adjust the position of the tube using the red lever on the top of the arm until the drops fall into the center of the tube.
7. Adjust the collections settings as required and start the fraction collector.

Let's read the manuals before using any instrument in the lab !!