1. **Slide the flow cell priming port cover clockwise to open the priming port.**
2. **After opening the priming port, check for a small air bubble under the cover. Draw back a small volume to remove any bubbles:** 
   1. Set a P1000 pipette to 800 μl
   2. Insert the tip into the priming port
   3. A drawing of a pipette

      Description automatically generatedTurn the wheel until the dial shows 820-830 ul, to draw back 20-30 ul, or until you can see a small volume of buffer entering the pipette tip  
      **Note:** Visually check that there is continuous buffer from the priming port across the sensor array.

Priming port cover

1. **Load 800 μl of the priming mix (you are using water) into the flow cell via the priming port, avoiding the introduction of air bubbles. Wait for five minutes. During this time, prepare the library for loading. *(You don’t have to wait for five minutes, since you are just practicing.)***
2. **Complete the flow cell priming:** 
   1. Gently lift the SpotON sample port cover to make the SpotON sample port accessible.
   2. A drawing of a device

      Description automatically generatedA drawing of a device

      Description automatically generatedLoad **200 μl** of the priming mix (again, use water) into the flow cell priming port (**not** the SpotON sample port), avoiding the introduction of air bubbles.
3. A drawing of a white object

   Description automatically generatedA diagram of a device

   Description automatically generated**Add 75 μl of the prepared library (you are using water) to the flow cell via the SpotON sample port in a dropwise fashion. Ensure each drop flows into the port before adding the next.**

Waste port

To reset, close the SpotON sample port and priming port. Remove 1000 ul (1 mL) of water from the waste port, which is directly across from the priming port.