

Using Dan's Beckman Scintillation Counter (Urey Hall 6th Floor):

1. Take out all the racks from the scintillation counter. Make sure there is paper in the attached printer.
2. Place an EMPTY VIAL in Rack# 1 at position 10 for ^{32}P or at position 12 for ^{35}S . This tells the machine the counting mode.
3. Place SAMPLE VIALS in Rack#2 (positions 1 to 12; use more racks if you have more than 12 samples).
4. Place an empty Rack after the sample rack(s). This tells the machine to STOP counting.
5. After all the racks are placed into right half of the instrument, close the lid.
6. Follow the instructions on the LCD screen (press SELECT then press START to begin counting).