

## SampleJet Operation

- SampleJet Carrousel Holds:
  - 96 7” Tubes (Research Samples)
  - 5 Racks of 96 4” Tubes Each (Course Samples)
- Robot Arm Picks Up Sample By the Cap  
Cap Must be Firmly Attached to Tube and Level
- There is Only One Spinner: the “Shuttle”
- The Shuttle is Captured at the Top of Magnet and the “Grip” is Released While the Tube is Inserted
- The “Grip” is Activated and the Shuttle Descends into the Magnet
- The LCD Display at Upper Right of SampleJet Displays Which Sample (Holder Number) is Currently in the Magnet
- Robot and Carrousel Operate with Door Open or Closed, But Motion is Much Slower with Door Open
- Sample Can Be Retrieved From Carrousel By Manually Rotating to Bring Sample to Front