

## **Particle Characterization: Module 6, Lecture 17**

1. Adhesion forces are difficult to measure directly. What is an easier way?
2. List requirements for a set-up to measure particle adhesion forces.
3. What are 2 possible designs of an aerosol deposition chamber (ADC)?
4. How can droplet size be controlled in an ADC?
5. How is deposit uniformity controlled in an ADC?
6. Which particles are most difficult to deposit in an ADC & why?
7. Sketch a typical particle removal curve.
8. How is particle adhesion force defined based on this curve?
9. What are some methods to assess particle removal from surfaces?
10. How do extractive methods work for adhesion force measurement?