

Settling Dust Test Chambers

ESPEC dust chambers provide a ready-made solution to common settling dust test requirements for automotive components and electronics cabinets. Our improved W-shaped bottom provides better collection and dispersion of “Arizona fine dust” and talcum powders.

The chamber has a unique “clamshell” lid for easier front loading compared with competitive top-loading designs. Optional reach-in glove ports allow rotating the test sample without opening the door.

Features

- Stainless steel interior and exterior
- W-shaped bottom for improved dust collection & dispersion
- Easy-access clamshell door with viewing window and optional glove ports
- Mesh product shelf
- Two inch cable port
- Timers for agitation and settling periods

Applicable Test Standards

- SAE J575 Section 3.3
- DIN 40050, Part 9, IP Codes 5K and 6K
- IEC EN 60529 (IEC 529), IP Codes 5 and 6 (with optional under-pressure mode)

Model	Interior Volume	Interior Dimensions
EDC-27	27 cu. ft. (750 L)	36" x 36" x 30" (90 x 90 x 75 cm)
EDC-54	54 cu. ft. (1,500 L)	72" x 36" x 30" (180 x 90 x 75 cm)



Unique ‘clamshell’ door for easy access

Options Available:

- Pair of reach-in ports with attached rubber gloves
- Dry air purge to maintain dryness
- Under-pressure mode: evacuation pump creates slight vacuum in device under test
- Arizona dust supply: course, medium, fine, or ultrafine