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)

<table>
<thead>
<tr>
<th>Model</th>
<th>Interior Volume</th>
<th>Interior Dimensions</th>
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</thead>
<tbody>
<tr>
<td>EDC-27</td>
<td>27 cu. ft. (750 L)</td>
<td>36&quot; x 36&quot; x 30&quot; (90 x 90 x 75 cm)</td>
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<tr>
<td>EDC-54</td>
<td>54 cu. ft. (1,500 L)</td>
<td>72&quot; x 36&quot; x 30&quot; (180 x 90 x 75 cm)</td>
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</tbody>
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**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