Overview
The A300 FOUP provides clean and secure wafer transport, optimum automation integration and low cost of ownership for your facility.

Features

Technology-enabling
- Unsurpassed cleanability and dryability
- Effective grounding of the wafers through the door latch, conveyor plate and top handle
- ESD shell option for added wafer protection
- Advanced purge options
  - Front/rear purge option available
- Optimized FOUP materials for wafer contact and microenvironment control

Interoperability
- Industry-proven door for equipment interoperability and long life
- Accurate equipment interfaces
  - Top robotic flange
  - Bottom kinematic coupling
  - Wafer plane
  - Meets all applicable SEMI® standards

Materials of Construction
- Ultrapure polycarbonate or barrier material used in the FOUP shell, door housing and door panels
- Carbon-filled PC or barrier material used in wafer contact areas in the shell, door housing and door components
- Thermoplastic elastomer (TPE) or polybutylene terephthalate (PBT) material used in the critical door seal
- Flame-retardant material option available
- Humidity control barrier materials available to enable leading-edge wafer processing technology

Configuration Options and Accessories

Shell and Door Color Options
- Red, green, amber, clear and black (ESD shell only)

Segregation Options
- Info pads configurable by customer

Identification Options
- Bar code and alphanumeric character labels
- Color handle
- Cardholders
- RFID tags with read/write capability
Specifications

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Width</th>
<th>426 mm (16.8&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Depth</td>
<td>355 mm (14.0&quot;)</td>
</tr>
<tr>
<td></td>
<td>Height</td>
<td>338 mm (13.3&quot;)</td>
</tr>
<tr>
<td>Weight:</td>
<td>Empty</td>
<td>5.4 kg (11.82 lb)</td>
</tr>
<tr>
<td></td>
<td>With wafers</td>
<td>8.2 kg (18.08 lb)</td>
</tr>
<tr>
<td>Wafer spacing:</td>
<td>10 mm (0.39&quot;)</td>
<td></td>
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<tr>
<td>Capacity:</td>
<td>25 wafers</td>
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</table>

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>APFAA3A-PPBWS-WN1</td>
<td>A300, PC standard, amber</td>
</tr>
<tr>
<td>APFC3A-PBBSPW1</td>
<td>A300, PC standard, clear</td>
</tr>
<tr>
<td>APFGA3G-PPBSPW1</td>
<td>A300, PC standard, green</td>
</tr>
<tr>
<td>APFRA3R-PPBSPW1</td>
<td>A300, PC standard, red</td>
</tr>
</tbody>
</table>

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the center nearest you.

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