The PCCXL is the largest component cleanliness cabinet in Pall’s PCC Series, incorporating the best practices in extracting particulate contamination and delivering the most accurate and repeatable analysis for even the largest assembly components. It is well understood by manufacturers and suppliers that accurate and repeatable cleanliness validation is critical to meeting industrial component cleanliness standards. By controlling the environment and automating the procedure in which the sample is extracted, the quality of a component can be assured to a higher level of confidence. This can result in significant cost savings from lower warranty claims and fewer reworked components.

**Features**
- Laminar air flow with 0.3 µm HEPA filter providing a controlled cleanliness environment (class 5 per ISO 14644-1)
- Easy to use, color touch screen human-machine interface using a tablet
- Full work area access for service operation
- Pressurized solvent dispensing and recycling circuits
- Solvent vapor extracted by exhaust fan
- Requires only a power source and exhaust vent

**Benefits**
- Provides an automated, repeatable process for checking parts cleanliness
- Rapid blank value – start sampling quickly
- Minimize human error
- HEPA filtered laminar air flow eliminates environmental cross-contamination
- Test samples created are a true representation of part contamination
- Standard lab-friendly sized units to assess components in accordance with ISO 18413, ISO 16232, and VDA 19 procedures
- Extraction Area Enclosure - Super Polished Stainless Steel; External Enclosure - Painted Steel

User friendly, color touch screen control panel

Super mirror finish stainless steel extraction enclosure (Ra = 0.03 µm max)
Technical information

- **Overall Dimensions:** 2739 x 1802 x 2862 mm
  (107.8 x 70.9 x 112.7 inch)
- **Working area:** 2000 x 1500 x 1200 mm
  (78.7 x 59 x 47.2 inch)
- **Weight:** 1100Kg (2425 lb)
- **Materials:**
  - Extraction area: Super Polished Stainless Steel
  - External Enclosure: Painted Steel
- **PLC:** Siemens
- **Power consumption:** 2.6 kW
- **Reservoir (solvent):** 56 L max
- **Rinsing flow rate:** 5 L/min
- **Rinsing pressure:** 4.5 bar

Analysis Membranes for Component Cleanliness Assessments

- **Ratings from 5 μm to 100 μm**
- **Materials:** Nylon
  see product datasheet M&EPCCMEMEna

### Ordering information

**Pall Cleanliness Cabinet**

**PCCXL**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>110 V / 50 &amp; 60 Hz, single phase</td>
</tr>
<tr>
<td>2</td>
<td>230 V / 50 &amp; 60 Hz, single phase</td>
</tr>
</tbody>
</table>

**Table 2: Membrane option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Single stage membrane holder</td>
</tr>
<tr>
<td>M</td>
<td>3-Multi-stage membrane holder</td>
</tr>
</tbody>
</table>

**Table 3: Sliding door**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Fixed Door (Cover)</td>
</tr>
<tr>
<td>S</td>
<td>Sliding Door</td>
</tr>
</tbody>
</table>

**Table 1: Voltage option**

**Accessories**

- **GHA07870EM:** Cascade of 3 membranes
- **PCCXLV2-XLB:** 2 electro polished stainless steel folded bar ø 20 mm
- **PCCVL2-FILLUP:** Fillup kit assembly
- **PCCLVL2-LG:** Electro polished stainless steel grid 500 x 620 mm - cross rod ø 5 & 6mm
- **PCCLVL2-LGR:** Electro polished stainless steel grid 510 x 630 mm - cross rod ø 4 & 10mm
- **PCCLVL2-LBMH:** Polished bowl with integrated membrane holder

Analysis Membranes for Component Cleanliness Assessments

- Ratings from 5 μm to 100 μm
- Materials: Nylon
  see product datasheet M&EPCCMEMEna

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