

## New: PCCXL Series Component Cleanliness Cabinet

**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  $\mu\text{m}$  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



PCCXL Series Component Cleanliness Cabinet



Super mirror finish stainless steel extraction enclosure (Ra = 0.03  $\mu\text{m}$  max)

User friendly, color touch screen control panel



## Technical information

Overall Dimensions:	2739 x 1802 x 2862 mm
(W x D x H)	(107.8 x 70.9 x 112.7 inch)
Working area:	2000 x 1500 x 1200 mm
(W x D x H)	(78.7 x 59 x 47.2 inch)
Weight:	1100Kg (2425 lb)
Materials:	Extraction area Enclosure-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

## Ordering information

Pall Cleanliness Cabinet **PCCXL** 1 2 3

**Table 1: Voltage option**

Code	Description
1	110 V / 50 & 60 Hz, single phase
2	230 V / 50 & 60 Hz, single phase

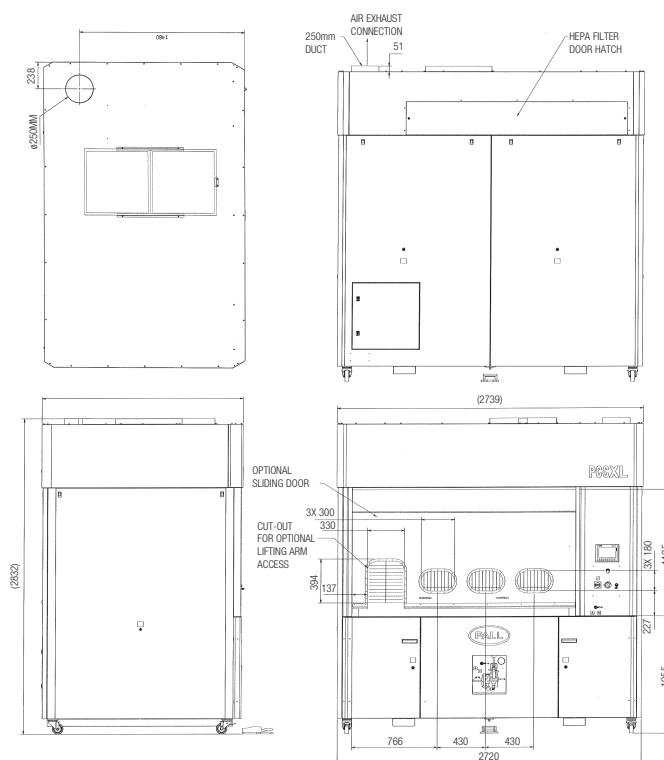
**Table 2: Membrane option**

Code	Description
S	Single stage membrane holder
M	3-Multi-stage membrane holder

**Table 3: Sliding door**

Code	Description
C	Fixed Door (Cover)
S	Sliding Door

## Dimensional Drawings



## Accessories

Code	Description
GHA0787OEM	Cascade of 3 membranes
PCCXLV2-XLB	2 electro polished stainless steel folded bar $\phi$ 20 mm
PCCV2-FILLUP	Fillup kit assembly
PCCLV2-LG	Electro polished stainless steel grid 500 x 620 mm - cross rod $\phi$ 3 & 6mm
PCCLV2-LGR	Electro polished stainless steel grid 510 x 630 mm - cross rod $\phi$ 4 & 10mm
PCCLV2-LBMH	Polished bowl with integrated membrane holder

## Analysis Membranes for Component Cleanliness Assessments

- Ratings from 5  $\mu$ m to 100  $\mu$ m
- Materials: Nylon

see product datasheet M&EPCCMEMENa



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