Pall Corporation

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.

PCCXL Series Component Cleanliness Cabinet

Features

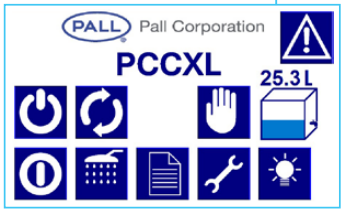
- Laminar air flow with 0.3 µm HEPA filter providing a controlled cleanliness environment (class 5 per ISO 14644-1)
- Easy to use, color touch screen human-machine interface using a tablet
- Full work area access for service operation
- Pressurized solvent dispensing and recycling circuits
- Solvent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

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

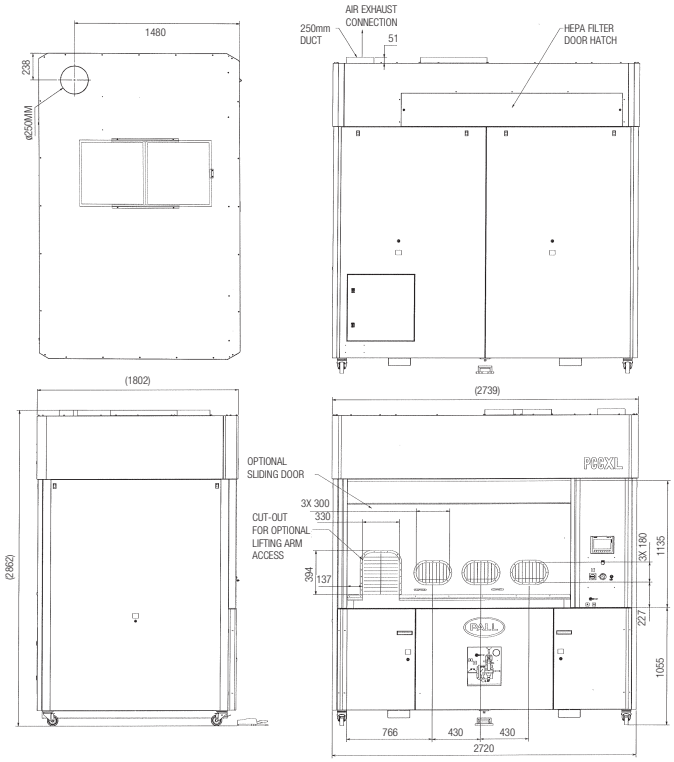
User friendly, color touch screen control panel



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: (W x D x H)	2000 x 1500 x 1200 mm (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

Dimensional Drawings



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

Analysis Membranes for Component Cleanliness Assessments

- Ratings from 5 µm to 100 µm
- Materials: Nylon

see product datasheet M&EPCCMEMENa

Accessories

Code	Description
GHA0787OEM	Cascade of 3 membranes
PCCXLV2-XLB	2 electro polished stainless steel folded bar ø20 mm
PCCV2-FILLUP	Fillup kit assembly
PCCLV2-LG	Electro polished stainless steel grid 500 x 620 mm - cross rod ø3 & 6 mm
PCCLV2-LGR	Electro polished stainless steel grid 510 x 630 mm - cross rod ø4 & 10 mm
PCCLV2-LBMH	Polished bowl with integrated membrane holder

Lifting arm

Part number	Description
PCCV2-ARM11	PCC lifting arm 100 kg, 110 v
PCCV2-ARM12	PCC lifting arm 100 kg, 230 v
PCCV2-ARM11K	PCC lifting arm 100 kg, 110 v, with tilt function
PCCV2-ARM12K	PCC lifting arm 100 kg, 230 v, with tilt function
PCCV2-ARM21	PCC lifting arm 200 kg, 110 v
PCCV2-ARM22	PCC lifting arm 200 kg, 230 v
PCCV2-ARM51	PCC lifting arm 500 kg, 110 v
PCCV2-ARM52	PCC lifting arm 500 kg, 230 v

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Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid.

M&EPCCXLENc Produced in the UK August 2019