

PCC-XS Series Component Cleanliness Cabinet

The PCC-XS Cleanliness Cabinet is the latest self-contained unit developed by Pall to provide accurate, reliable and repeatable measurements of component cleanliness.

The PCC-XS design is the result of 20 years industry experience delivering the best practices in extracting particulate contamination from a component and retaining it on a test membrane for analysis, in a manufacturing environment.

The PCC-XS enables operators to assess the cleanliness levels of manufactured parts and components in accordance to ISO 18413, ISO16232 and VDA 19 procedures.

Features

- Small footprint and ergonomic design
- Simple to install and operate
- Stainless steel and carbon steel construction
- Laminar air flow with HEPA filter
- PLC controlled operating parameters
- Pressurized solvent dispensing and recycling circuits
- Options to flush out components on line
- Automatic wall washing system (option)
- Ultrasonic agitation (option)
- Fitted with caster wheels, requiring only a power source

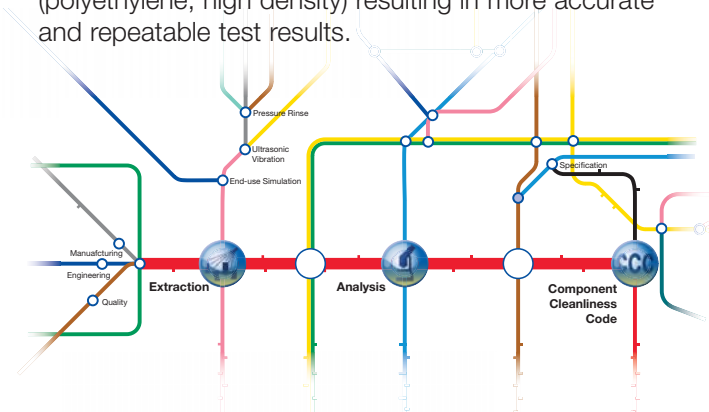
In order to avoid any metal to metal contact with the component under test within the extraction enclosure, both the solvent dispensing gun and the component support bars are manufactured in PEHD materials. This ensures a better control of the blank values and minimizes the metallic cross-contamination, (polyethylene, high density) resulting in more accurate and repeatable test results.



Pall PCC-XS

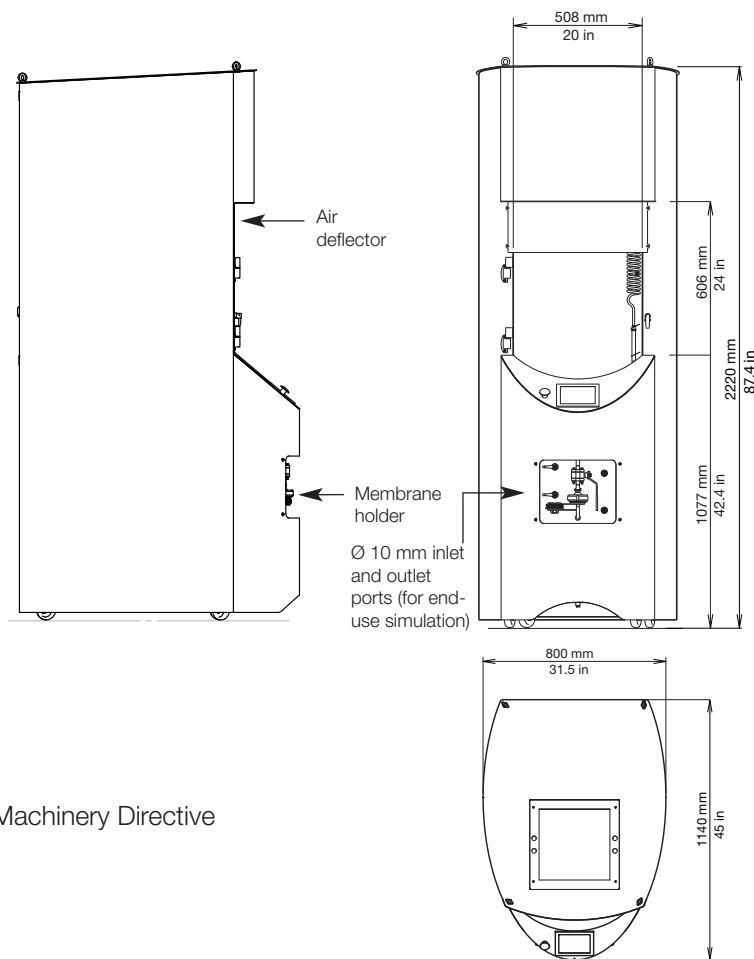
General Specifications

- Polished stainless steel extraction enclosure
- Controlled cleanliness environment (Class 5 per ISO 14644-1)
- HEPA filter rating: 0.3 μm Absolute
- Control panel with colored touch screen
- Solvent filter rating: 0.2 μm absolute
- Test membrane holder on the front panel
- Noise level in working conditions : < 70 dB



Technical information

Dimensions : (W x D x H)	800 x 1140 x 2220 mm (31.5 x 44.9 x 87.4 inch)
Weight :	420 kg (926 lb)
Materials :	304 L stainless steel
Power supply :	220 - 240 V - 50/60 Hz, single phase
Power consumption :	1.5 kW
Reservoir (solvent) :	27 L max (7.1 USg)
Rinsing flowrate: (adjustable)	3 L/min max - (0.79 USgpm)
Rinsing pressure:	4.5 bar max (58 psi)
Ultrasonic bath (option):	40 kHz – 200 W max Effective efficiency: 20 W/L



The PCC XS series cabinets comply with the European Machinery Directive 2006/42/EC and is fully CE compliant.

Ordering information

Component Cleanliness Cabinet

PCC XS **1**

Table 1: PCC options

Code	Description
Omit	Standard extraction system
WW	Wall washing
WWUS	Wall washing and ultrasonic agitation

Design it
Build it
Keep it **CLEAN**

Accessories

XS **2**

Table 2: Accessories

Code	Description
G	1 grid in PEHD - loads up to 10 kg max (22 lb)
B	2 bars in stainless steel with PEHD coated ends - for loads up to 25 kg (55 lb)
M	Multi-cascade membrane holder (3 membranes installed in series)

Other options available on application



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