

## New: PCCS Series Component Cleanliness Cabinet

**The PCCS Series Component Cleanliness Cabinet is the latest self-contained unit from Pall, delivering the best practices in extracting particulate contamination from a component and retaining it on a test membrane for analysis.**

Without standard, repeatable cleanliness validation, Manufacturers and Suppliers cannot meet Industrial ISO standards

- Provides a more automated, repeatable process for checking parts cleanliness
- Rapid to blank value\* to start test sampling in much less time (up to 50% quicker)
- Fewer human errors
- A fully HEPA filtered laminar air flow eliminates environmental cross contamination
- Test sample created is true representation of part contamination
- Available in standard lab friendly or larger shopfloor sized units to assess small to oversized components in accordance to ISO 18413, ISO16232 and VDA 19 procedures.

\* relative value of cleanliness achieved over time, as specified by the customer

### Features

- Laminar air flow with 0.3  $\mu\text{m}$  HEPA filter providing a controlled cleanliness environment (Class 5 per ISO 14644-1)
- Fast, efficient, automatic wall washing system
- Easy to use, color touch screen human-machine interface
- Full work area access for service operation
- Pressurized solvent dispensing and recycling circuits
- Able to perform system simulation tests
- Solvent vapor extracted by exhaust fan
- Requires only a power source and exhaust vent

User friendly,  
color touch  
screen control  
panel



PCCS Series Component Cleanliness Cabinet



Super mirror finish stainless steel  
extraction enclosure (Ra = 0.02  $\mu\text{m}$  max)

## Technical information

Overall dimensions: (W x D x H)	1110 x 859 x 2099 mm (43.7 x 33.8 x 82.6 inch)
Working area: (W x D x H)	525 x 539 x 659 mm (20.7 x 21.2 x 25.9 inch)
Weight:	375 kg (825 lb)
Materials:	Enclosure: Super mirror finish 304 L stainless steel Frame: See option
Power supply: (see options)	110 V / 230 V – 50/60 Hz, single phase
PLC:	Siemens
Power consumption:	1.3 kW (without US)
Reservoir (solvent):	30 L max (7.9 USg)
Wall flushing flow rate:	6 L/min (1.59 USgpm)
Nozzle Pen flow rate:	5 L/min (1.32 USgpm) max
Rinsing pressure:	4.5 bar max (58 psi)

The PCCS series cabinets comply with the European Machinery Directive 2006/42/EC, Low voltage 2014/35/EU and Electromagnetic compatibility 2014/30/EU and is fully CE compliant..

## Ordering information

Pall Cleanliness Cabinet **PCCS** 1 2 3 4

**Table 1: Power option**

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

**Table 2: Membrane option**

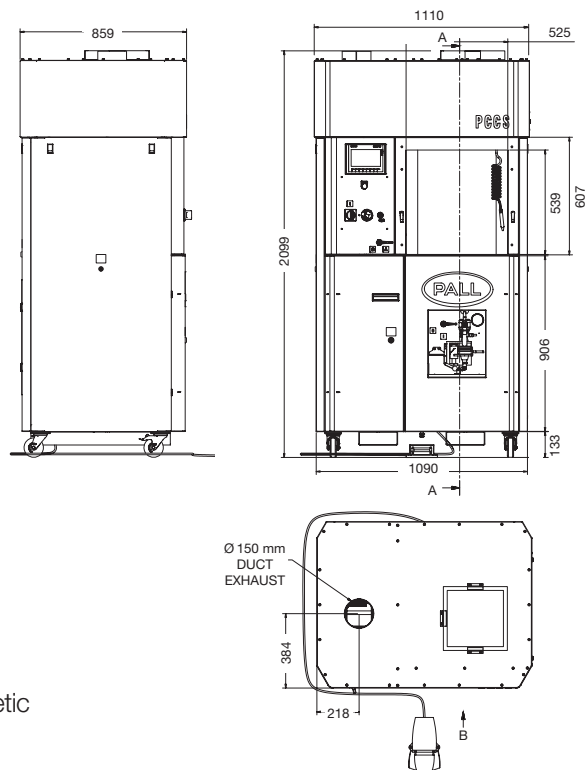
Code	Description
S	Single stage membrane holder
M	3-Multi-stage membrane holder

**Table 3: Ultrasonic option**

Code	Description
Omit	No Ultrasonic transducer
US200	200W Ultrasonic agitation power
US400	400W Ultrasonic agitation power

**Table 4: Door option**

Code	Description
C	Fixed Door (Cover)
S	Sliding Door



## Accessories

Code	Description
GHA0787OEM	Cascade of 3 membranes
PCCSV2-SB	2 electro polished folded stainless steel bars ø 12mm
PCCSV2-SBB	2 electro polished arched stainless steel bars ø 12mm
PCCSV2-SP	PEHD perforated sheet
PCCSV2-USB	Meshed bowl for u/s immersion
PCCSV2-DP	Deflector plate
PCCV2-FILLUP	Fillup kit assembly
PCCSV2A31	Sliding door (available as an accessory when sliding door is not factory fitted)
PCCSV2-SG	Electro polished stainless steel
PCCSV2-SBMH	Polished bowl with integrated membrane holder for PCCS
PCCSV2-SPFC	Ducted pre-filter housing

## Analysis Membranes for Component Cleanliness Assessments

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

see product datasheet M&EPCCMEMENa



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Better Planet.<sup>SM</sup>

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