Pall Corporation

New: PCCS Series Component Cleanliness Cabinet

The PCCS 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

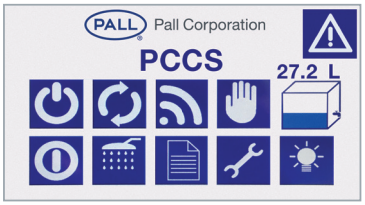
- Provides a more automated, repeatable process for checking parts cleanliness
- Rapid to blank value* to start test sampling in much less time (up to 50% quicker)
- Fewer human errors
- A fully HEPA filtered laminar air flow eliminates environmental cross contamination
- Test sample created is true 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 µm 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

Pall PCCS Series Component Cleanliness Cabinet



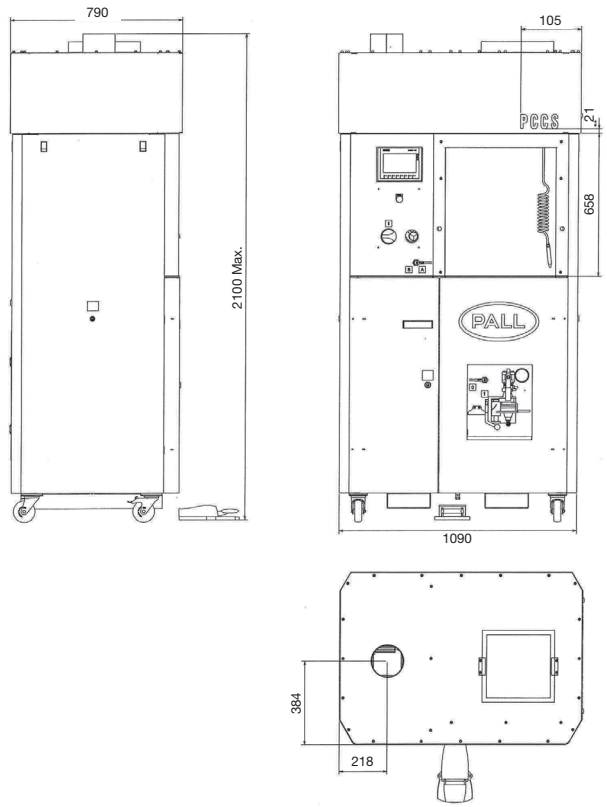
User friendly, color touch screen control panel

Super mirror finish stainless steel extraction enclosure (Ra = 0.02 µm max)

Technical information

Overall dimensions: (W x D x H)	1072 x 785 x 2101 mm (42.2 x 30.9 x 82.7 inch)
Working area: (W x D x H)	507 x 460 x 710 mm (20.0 x 18.1 x 28.0 inch)
Weight:	410 kg (904 lb)
Materials:	Enclosure: Super mirror finish 304 L stainless steel Frame: See option
Power supply: (see options)	230 V – 60 Hz, single phase
PLC:	Proface / Siemens (option)
Power consumption:	1.3 kW (without US)
Reservoir (solvent):	30 L max (7.9 USg)
Rinsing flow rate: (Adjustable)	12 L/min max. (3.17 USgpm) wall flushing / solvent pen adjustable
Rinsing pressure:	4.5 bar max (58 psi)

The PCCS series cabinets comply with the European Machinery Directive 2006/42/EC, Low voltage 2006/95/CE and Electromagnetic compatibility 2004/108/CE 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
2	230V @ 50/60Hz

Table 2: Membrane option

Code	Description
S	Single stage membrane holder
M	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 stainless steel bars ø 12mm with PEHD grid
PCCSV2-SP	PEHD plastic sheet 493 x 300 mm - holes ø 15mm - thickness 10 mm load TBA Kg max.
PCCUSB	Meshed bowl for u/s immersion

Analysis Membranes for Component Cleanliness Assessments

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

see product datasheet M&EPCCMEMENa

Pall Corporation

Pall Industrial Manufacturing

25 Harbor Park Drive
Port Washington, NY 11050
+1 516 484 3600 telephone
+1 800 289 7255 toll free US

Portsmouth - UK
+44 (0)23 9233 8000 telephone
+44 (0)23 9233 8811 fax
industrialeu@pall.com

Filtration. Separation. Solution.SM

Better Lives. Better Planet.SM

Visit us on the Web at www.pall.com

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com/contact

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&EPCCSENa Printed in the UK March 2018