

## New: PCCM Series Component Cleanliness Cabinet

**The PCCM 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

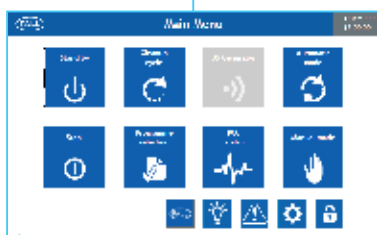
- Provides a more automated, repeatable process for checking parts cleanliness
- Rapid to blank value\* to start test sampling in much less time (up to 50% quicker)
- Less human errors involved
- A fully HEPA filtered laminar air flow eliminates environmental cross contamination
- Test sample created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



Pall PCCM

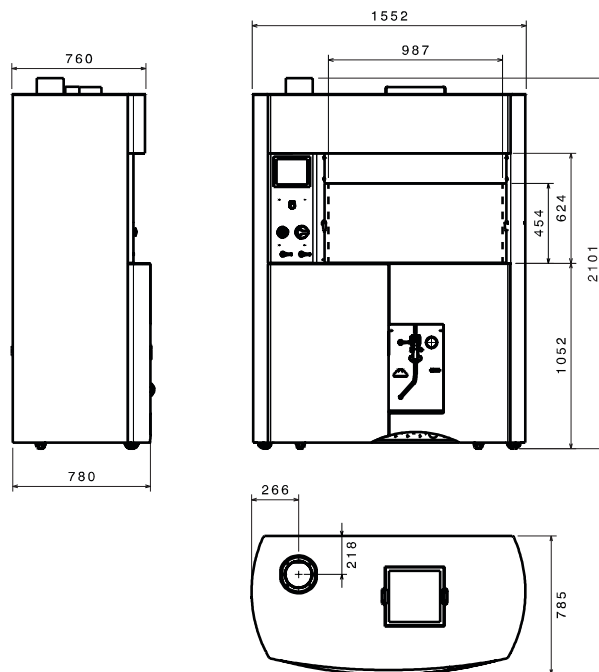


Super mirror finish stainless steel extraction enclosure ( $R_a = 0.02 \mu\text{m max}$ )

## Technical information

Overall Dimensions: (W x D x H)	1552 x 785 x 2101 mm (61.1 x 31.7 x 82.7 inch)
Working area: (W x D x H)	987 x 549 x 630 mm (38.9 x 21.6 x 24.8 inch)
Weight:	495 kg (1091 lb)
Materials:	Enclosure: Super mirror finish 304 L stainless steel Frame: See option
Power supply:	230 V – 60 Hz, single phase
PLC:	Proface / Siemens (option)
Power consumption:	1.3 kW (without US)
Reservoir (solvent):	40 L max (10.6USg)
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 PCCM 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

PCCM

1

2

3

**Table 1: Interface options**

Code	Description
P	PROFACE PLC - 7" Touch screen
S	SIEMENS PLC - 7" Touch screen

**Table 2: Finish**

Code	Description
2P	Powder painting
2S	Stainless steel

**Table 3: Ultrasonic option**

Code	Description
Omit	No Ultrasonic Transducer
US 400	400W Ultrasonic agitation power

### Accessories

M

4

**Table 4: Accessories**

Code	Description
BG	Stainless steel bars with PEHG grid in PEHD
BFBMH	Stainless bars, polished bowl with membrane holder integrated

Other options available on application.

**NCG047100** 5 µm Analysis Membranes  
Box of 100



**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  
industrialieu@pall.com


*Filtration. Separation. Solution.<sup>SM</sup>*



Visit us on the Web at [www.pall.com](http://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](http://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](http://www.pall.com) to verify that this information remains valid.

© Copyright 2013, Pall Corporation. Pall and  are trademarks of Pall Corporation.  
® Indicates a trademark registered in the USA. Better Lives. Better Planet and  
*Filtration. Separation. Solution.<sup>SM</sup>* are service marks of Pall Corporation.

M&EPCCMEN

Printed in the UK

February 2015