

## New: PCCL Series Component Cleanliness Cabinet

**The PCCL 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

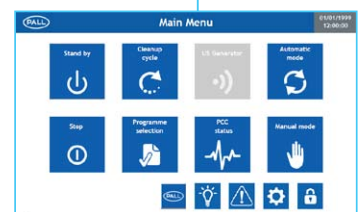


Pall PCCL



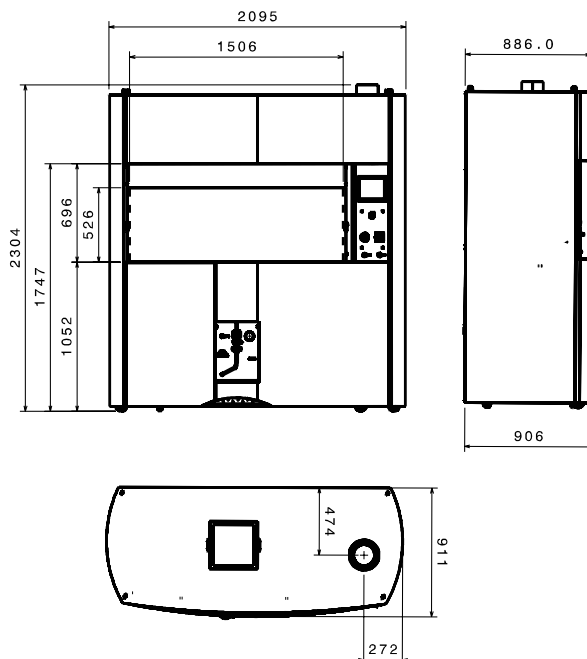
Super mirror finish  
stainless steel  
extraction enclosure  
(Ra = 0.02  $\mu\text{m}$  max)

User friendly,  
color touch  
screen control  
panel



## Technical information

Overall Dimensions: (W x D x H)	2095 x 911 x 2304 mm (82.5 x 35.9 x 90.7 inch)
Working area: (W x D x H)	1500 x 675 x 690 mm (50.1 x 26.6 x 27.2 inch)
Weight:	730 kg (1609 lb)
Materials:	Enclosure: Super mirror finish 304 L Frame: See option
Power supply:	230 V – 60 Hz, single phase
PLC:	Proface / Siemens (option)
Power consumption:	1.65 kW
Reservoir (solvent):	58 L max
Rinsing flow rate: (Adjustable)	15 L/min max. (3.96 USgpm) Wall flushing / Solvent pen adjustable
Rinsing pressure:	4.5 bar max (58 psi)



The PCCL 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

PCCL

1

2

**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

### Accessories

L

3

**Table 3: 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

**PCC501MEM5** 5 µm Screen Mesh Analysis Membranes  
Box of 100



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