

PCC41NG2 Series Component Cleanliness Cabinet

The Pall PCC41NG2 Cleanliness Cabinet is a self-contained unit developed by Pall to provide accurate, reliable and repeatable measurements of component cleanliness.

The PCC41NG2 design is the result of almost 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 PCC41NG2 unit enables operators to assess the cleanliness levels of manufactured parts and components in accordance to ISO 18413, ISO16232 and VDA 19 procedures.

Features

- Simple installation
- Ease of operation
- Stainless steel construction
- Controlled extraction environment (laminar flow cabinet)
- Pressurized solvent dispensing and recycling circuits
- Programmable setting capabilities

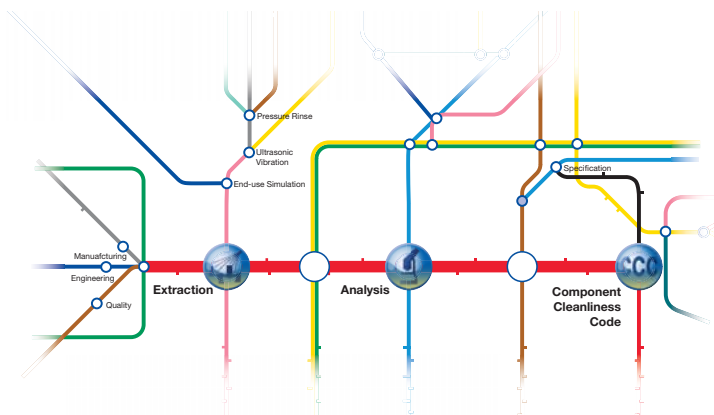
The PCC41NG2 includes a PLC color touch screen which groups together all the operating commands. It is used to program the automatic rinse cycles and monitor the operations in progress.



Pall PCC41NG2

General Specifications

- Control desk can be adjusted from right to left
- 16 color touch screen
- Programmable sequence, semi-automatic rinse procedure
- Continuous monitoring of PCC operating parameters: flow, pressure, level and temperature of fluid
- Real-time automatic adjustment of flow
- Automatic fluid filling sequence
- Airborne particulate cleanliness class controlled from working area, class 100 in accordance with US standard 209E
- New mirror polish working area to avoid risk of retention
- Automatic inside wall rinse without generation of solvent fumes
- Analysis membrane accessible on the front panel
- Control of level of fluid contamination by double filtration at 0.2 μm .



Technical information

Overall Dimensions : (H x W x D)	2510 x 1310 x 850 mm (98.8 x 51.6 x 33.5 in)
Working Area:	780 x 960 x 570 mm (30.1 x 37.1 x 22.5 in)
Weight (estimated):	600 kg (1323 lb)
Materials :	304 L stainless steel
Power supply :	220 - 240 V - 50/60 Hz, single phase
Power consumption :	2.0 kW
Reservoir (solvent) :	30 L max (7.9 USgal)
Rinsing flowrate: (adjustable)	from 300 to 2500 mL/min (0.08 - 0.66 USgpm)
Rinsing pressure:	6 bar max (87 psi)

The PCC41NG2 series cabinets comply with the European Machinery Directive 2006/42/EC and is fully CE compliant.

Design it
Build it
Keep it **CLEAN**

Ordering information

Component Cleanliness Cabinet:
PCC 41 R0220 NG2

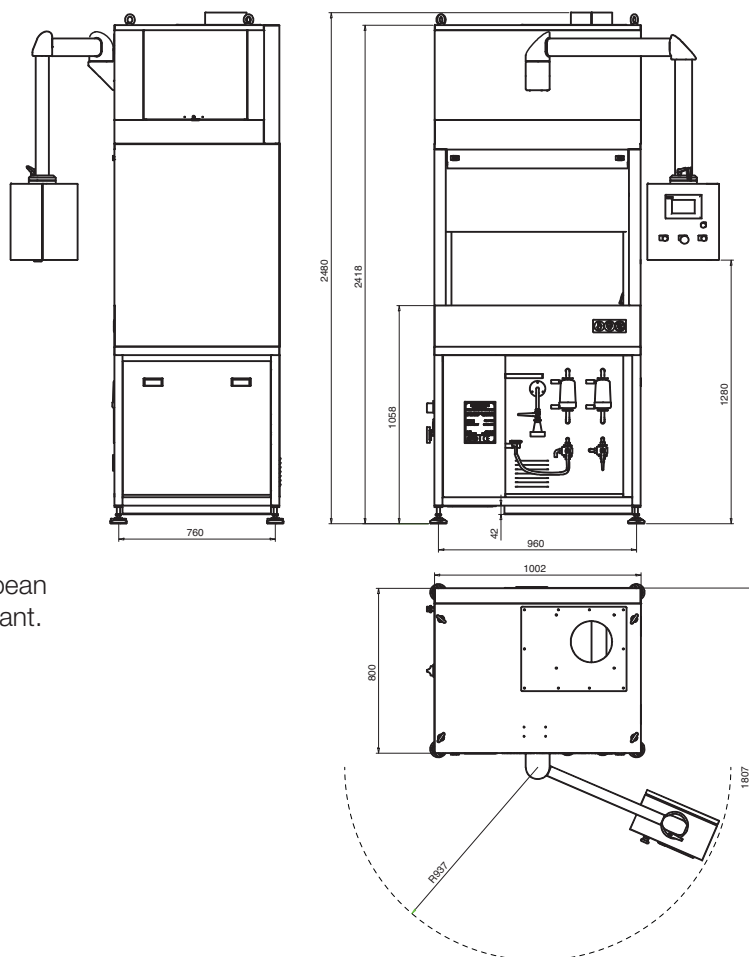
Accessories:

PCC 1

Table 1: Accessories

Code	Description
ARM90	Electrical handling arm for heavy items (up to 90 kg – 198 lb)
0011Y	Polished stainless steel rinse bowl for small items

Other options available on application



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Produced in the UK.

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