

NEW: Pall PCC41-KC Component Cleanliness Cabinet

For the determination of component cleanliness

The Pall PCC41-KC Cleanliness Cabinet facilitates the accurate, reliable and repeatable preparation of gravimetric membranes for the determination of component cleanliness.

The PCC41-KC cabinet enables operators to assess the cleanliness level of manufactured parts and components in accordance with ISO18413, ISO16232 and VDA 19 procedures.

Features

- Large work area for large manufactured parts
- Reliable and repeatable measurements
- HEPA filtered laminar air flow in a self contained super polished stainless steel working area
- Simple to install and operate
- Fully portable requiring only a power source
- Designed and built to ISO Pressure Washing standard 16232
- Solvent dispensing gun with fluid volume dispensing counter
- Pressurized solvent dispensing and recycling circuits
- Gravimetric membrane holder
- Auto Wall Wash function
- PLC controlled operating parameters (option)
- Electrochemically Polished for both Stainless Steel Working Area

General Specifications

- Dimensions: 1260mm (W) x 950mm (D) x 2310 (2330mm with a projected blower port) (H)
- Inputs: 220V/380 50 or 60Hz
- Working area: 1060mm (W) x 700mm (D) X 770mm (660mm at the entrance) (H)
- Fluorocarbon seals, BA grade SUS304 materials are standard
- Air flow ISO14644-123 Class 5
- Polished stainless steel extraction enclosure
- Controlled cleanliness environment (Class 5 per ISO 14644-1)
- HEPA filter rating: 0.3m absolute
- Control panel with colored touch screen
- Solvent filter rating: 0.2m absolute
- Test membrane holder in the power zone
- Noise level in working conditions: < 80dB

Design it
Build it
Keep it **CLEAN**

Filtration. Separation. Solution.SM



PCC41-KC, Pall Cleanliness Cabinet



Component cleanliness measurement in a controlled stainless steel environment

Cabinet Option

Touch Screen PLC 5" (Optional Human Machine Interface)



Technical Specification Information

- Power Inputs: 220 or 380 or 415 V AC, 50 or 60Hz, 1 or 3 Phase
- Electric Power Consumption: 1.5KW (~6A)
- Reservoir (solvent): 50L (with fluid level Indicator)
- Spray Rinsing flow rate: 2.5L/min (adjustable)
- Total spray volume: pre-configurable
- Wall wash flow rate: ~12L/min (adjustable)
- Wall wash Solvent filter rating 0.2 m +1 m;
(2 stages Absolute)
- Dry weight: approx.600kg
- Membrane holder: 2 stages cascade, 47mm diameter.
3 stages cascade (option)
4 stages cascade (option)
- Chemical compatibility: synthetic hydrocarbon washing fluids
- Vacuum pump: -0.65~-0.87bar vacuum pressure

Ordering Information

Component Cleanliness Cabinet

PCC41-KC 1 2 3 4

Technical Drawing

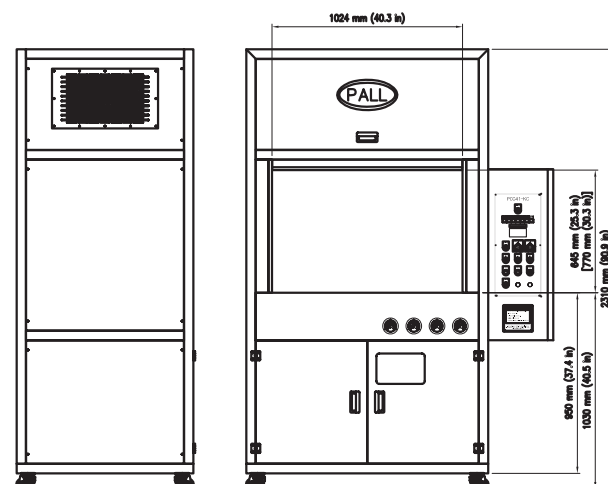
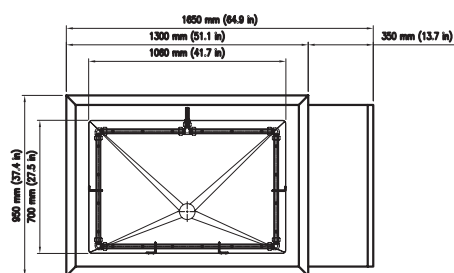


Table 1: Option

Code	Description
Omit	Standard
T5	Touch Screen PLC-5" size
T7	Touch Screen PLC-7" size

Table 2: Option

Code	Description
S	Shower Nozzle Line
P	Air purge and Shower Nozzle Line

Table 3: Option

Code	Description
2M	2Stages Cascade Membrane Holder
3M	3Stages Cascade Membrane Holder
4M	4Stages Cascade Membrane Holder

Table 4: Option

Code	Description
R	220V AC 60Hz 1Phase
W	220V AC 50Hz 1Phase
X	220V AC 50Hz 3Phase
Y	380V AC 50Hz 3Phase
Z	415V AC 50Hz 3Phase
V	200V AC 50Hz 3Phase



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