

Complete, High-Performance Solutions for Component Cleanliness Assessment

Pall® and Leica® Microsystems offer the Automotive and General Industry a complete integrated analysis solution to assess component cleanliness.

Over the years, each company has developed a unique platform of equipment to extract solid contaminants from parts and components (PCC series), retain them on a membrane and perform a manual or automated microscopic analysis to determine the Component Cleanliness Code (DM series).

Customer Benefits:

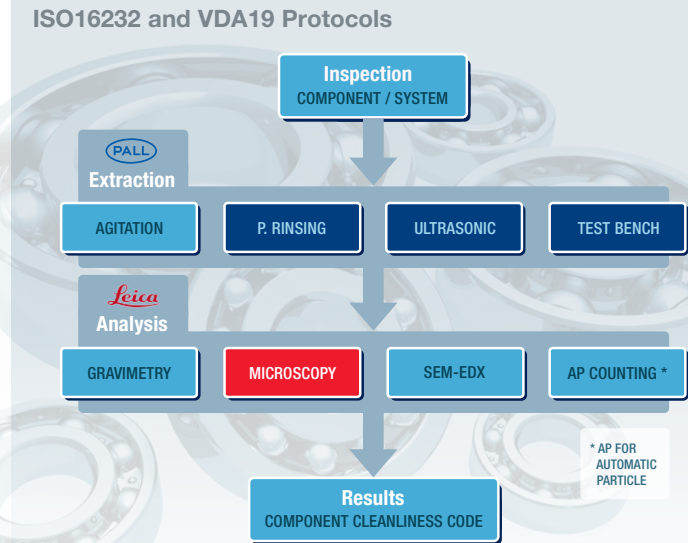
- Work with equipment widely recognized by the market as the state of the art technology
- Get quick, accurate, reliable and repeatable cleanliness results
- Trust your results; a 'no brainer'
- Benefit from Pall's 20 years+ recognized expertise in Component Cleanliness Measurement

Extraction

Pall Cleanliness Cabinets are the ideal solution for when component cleanliness needs to be assessed. Our solutions allow you to meet ISO18413, ISO16232 & VDA19 standards to:

- Extract contaminants from parts and components
- Retain contaminants on test membranes
- Quantify the contamination levels

Pall offer a wide range of cleanliness cabinets sizes to meet your specific needs (see over).



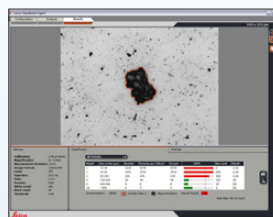
Filtration

Nylon analysis membranes (from 5 µm to 100 µm rating) are available to capture contaminants. See M&EMEMPCC for full range.



Analyse

Comprehensive range of Leica Cleanliness Expert Microscopes for precise contaminant analysis (DMS1000 and DM4 Series).



	Max	Ist	
Length (µm)	250	225	i.0
Width (µm)	150	134	i.0
Height (µm)	100	115	n.i.0
Refl./Non-refl.	Reflective		
Potential of damage	High		
Source	Metallic Tool		

Pall Cleanliness Cabinets for Component Cleanliness Assessment

PCC Features

- Easy to install and use
- Controlled cleanliness environment
- Super mirror stainless steel extraction enclosure
- Pressurised solvent dispensing and recycling circuits
- Full work area access for service operation
- Requires only a power source and exhaust vent



Features and Capabilities

	Pressure Rinsing	Ultrasonic (option)	End-use Simulation	Dims (W x D x H mm)	Typical Parts
PCCXS	Yes	Yes	No	1000 x 500 x 1200	Small bearings, small gears
PCCS	Yes	Yes	No	1072 x 785 x 2101	Injectors, turbo-chargers
PCCM	Yes	Yes	No	1552 x 785 x 2101	Pistons, rods, camshafts
PCCL	Yes	No	No	2095 x 911 x 2304	Large cylinder blocks or heads
PCCXL	Yes	No	No	2495 x 1215 x 2662	Very large cylinder blocks or heads, hydraulic cylinders
PCCFR	No	No	Yes	Depends on the model	Pipes, hoses, small cylinders

All the PCC series cabinets comply with the European machinery Directive 2006/42/EC, Low voltage 2006/95/CE and Electromagnetic compatibility 2004/108/CE and are fully CE compliant.



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