

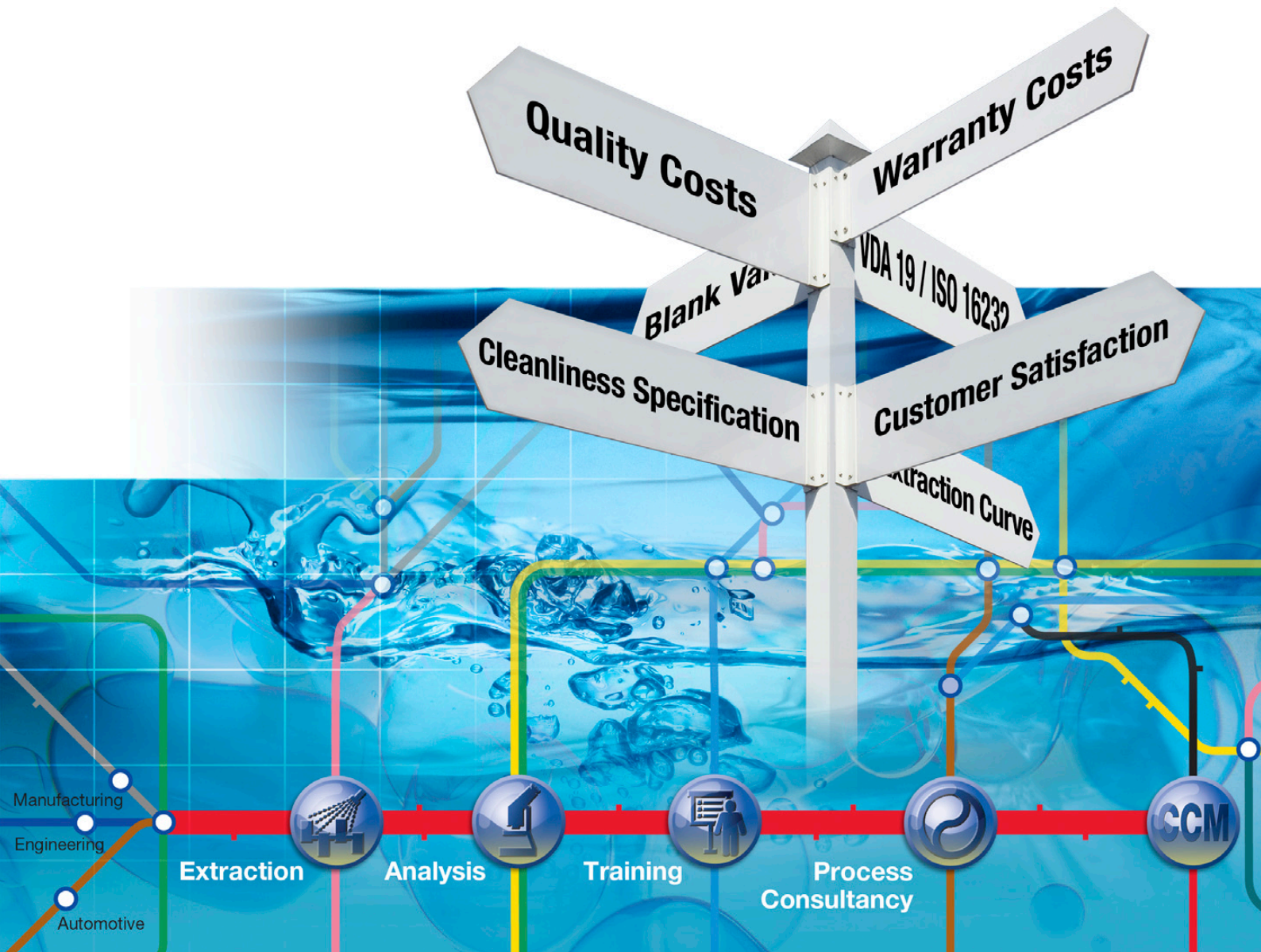


Pall Corporation

[www.pall.com](http://www.pall.com)

# Pall Component Cleanliness Management

"Your route to Component Cleanliness"



# Extraction

## Pall Component Cleanliness Management (CCM)

Pall Corporation solves complex contamination, separation, purification and monitoring problems. Pall is much more than a filter company.

The Pall Component Cleanliness Management (CCM) program provides products and services for accurate, reliable and repeatable component and fluid cleanliness measurements.

The CCM program includes the supply of cleanliness cabinets, cleanliness evaluations, specification development, customized training, all undertaken in cooperation with our customers to optimize in-plant processes.

## Pall Contaminant Extraction Systems

### PCC-XS

#### Features

- Working area dimensions H:600 x D:500 mm
- Laminar air flow
- Gravimetric analysis membrane
- Automatic wall washing system
- PLC controlled operating parameters

PCC-XS also available with wall washing and ultrasonic agitation options



### PCC 41-NG2

#### Features

- Working area dimensions: H:780 x W:980 x D:570 mm
- Laminar air flow
- Gravimetric analysis membrane
- Automatic wall washing system
- PLC control with touch screen

PCC 40 also available without automatic wall washing system or PLC Control



### PCC 61-NG2

#### Features

- Working area dimensions H:780 x W:1650 x D:770 mm
- Laminar air flow
- Gravimetric analysis membrane
- Automatic wall washing system

PCC 60 also available without automatic wall washing system



### PCC 61XL

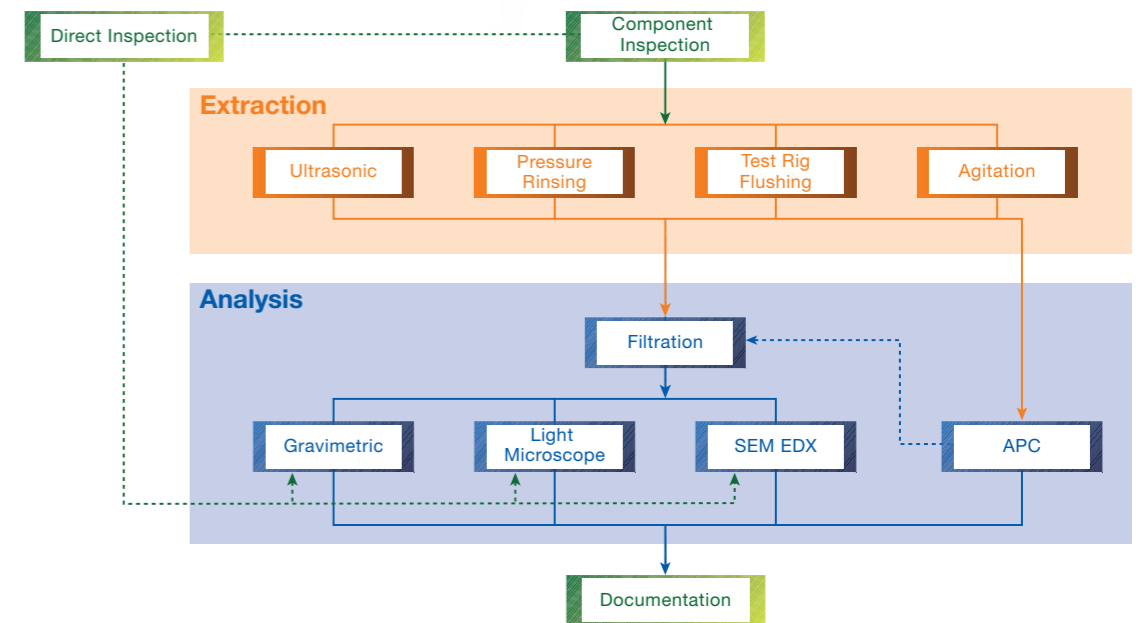
#### Features

- Working area dimensions H:1400 x W:1700 x D:1444 mm
- Laminar air flow
- Gravimetric analysis membrane
- Automatic wall washing system
- Large opening for bulky components



## Inspection and Analysis Methods

# Analysis



## Pall Laboratory and Audit Services

A principal element in Pall's customer support operations is our Scientific and Laboratory Services (SLS) Department. Filtration problems arising in the field can be assessed and simulated in the laboratory. Close monitoring by Pall scientists can determine the engineered solution to your contamination and separation problems and advise accordingly.

Left to Right: Gravimetric Analysis, Microscopic Particle Counting, Contaminant Identification, Image Analysis Systems



## Pall Component Cleanliness Services

- Analysis of the component contamination (on customer site or in our cleanliness laboratories)
- Comprehensive report with detailed analysis results
- Comparison of current cleanliness levels with existing specifications and market experience
- Data collection for quality reasons
- Complete Analysis Equipment offer if needed (to analyse component and fluid cleanliness)
- Fluid cleanliness analysis (as required)

## Interpretation of the analysis results together with the customer

- Recommendations for improvement
- Formulation of a process optimization recommendation through Pall Consultancy Group



# Training

# Process Consultancy

## Training Seminars

Our aim is to provide you with clear, inspiring training programs that suit all trainee experience levels and ensure that course content remains useful long after completion.

### Why Pall Industrial Training?

- Standard or Customised programs
- Increase operating efficiency
- Improved knowledge
- Increase application experience
- Regional and/or market focus

### The Pall Industrial Training Programs include:

- ISO 16232 / VDA 19 and ISO 18413 seminars/workshops
- Component Cleanliness seminars/workshops
- How to achieve clean components
- How to measure cleanliness of fluids and components
- Effect of filtration to component cleanliness
- Fluid Cleanliness Fundamentals
- Customized training programmes



## Process Consultancy

- Process analysis/assessment (current status)
- Interpretation of the assessment results
- Formulation of process improvement suggestions
- Develop and validate cleanliness specifications (components and fluids)
- Formulation of expertise and supplier ratings
- Achieve and execute cleanliness specifications
- Qualification analysis
- Laboratory and Service expertise
- Filtration solutions



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