

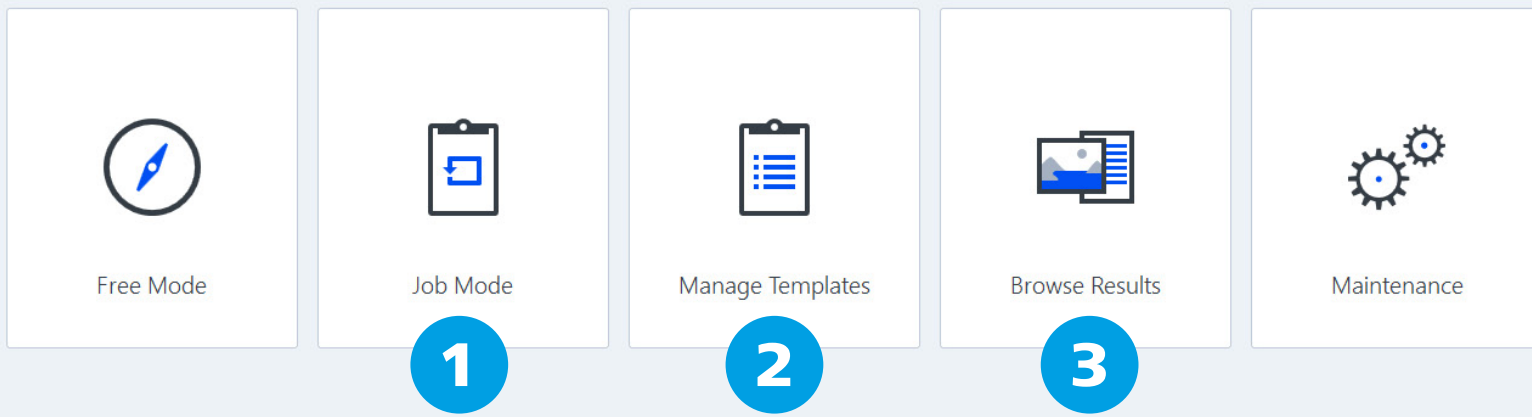
Identify the root cause. Make the right decision faster.



Seeing beyond



Speed up your Particle Analysis process for Technical Cleanliness.



Three simple steps to the result:

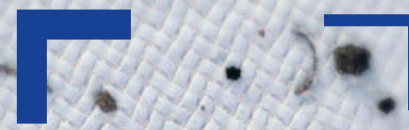
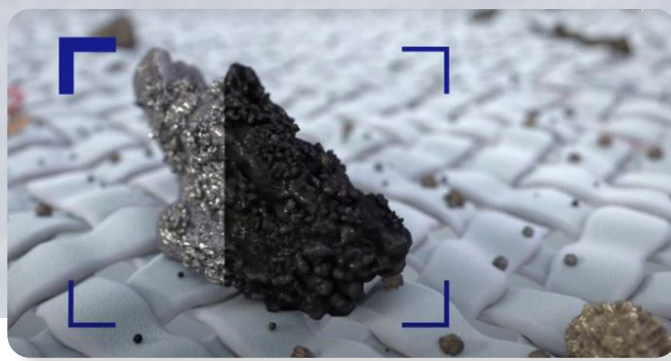
1. Choose your workflow and start the analysis of your specimen.
2. Select the appropriate VDA/ISO standard or select your own company standard.
3. Get comprehensive results and connect to ZEN data storage for data administration.

Higher productivity with ZEISS One-Scan-Technology.

50% increase productivity with just one scan instead of two

ZEISS One-Scan-Technology

Technical cleanliness of functionally relevant components is a central factor in quality management in every industry. Speed up your workflow and get a higher filter performance. Use only one filter scan, instead of two and acquire both brightfield and crossed polarization image information. Be faster at lower cost and get more information.



// Hard particles:
Metals, Minerals, Ceramics

// Electrically conducting particles:
Steel, Copper, Silver



// Soft particles:
Fibres, Polymers, Cellulose

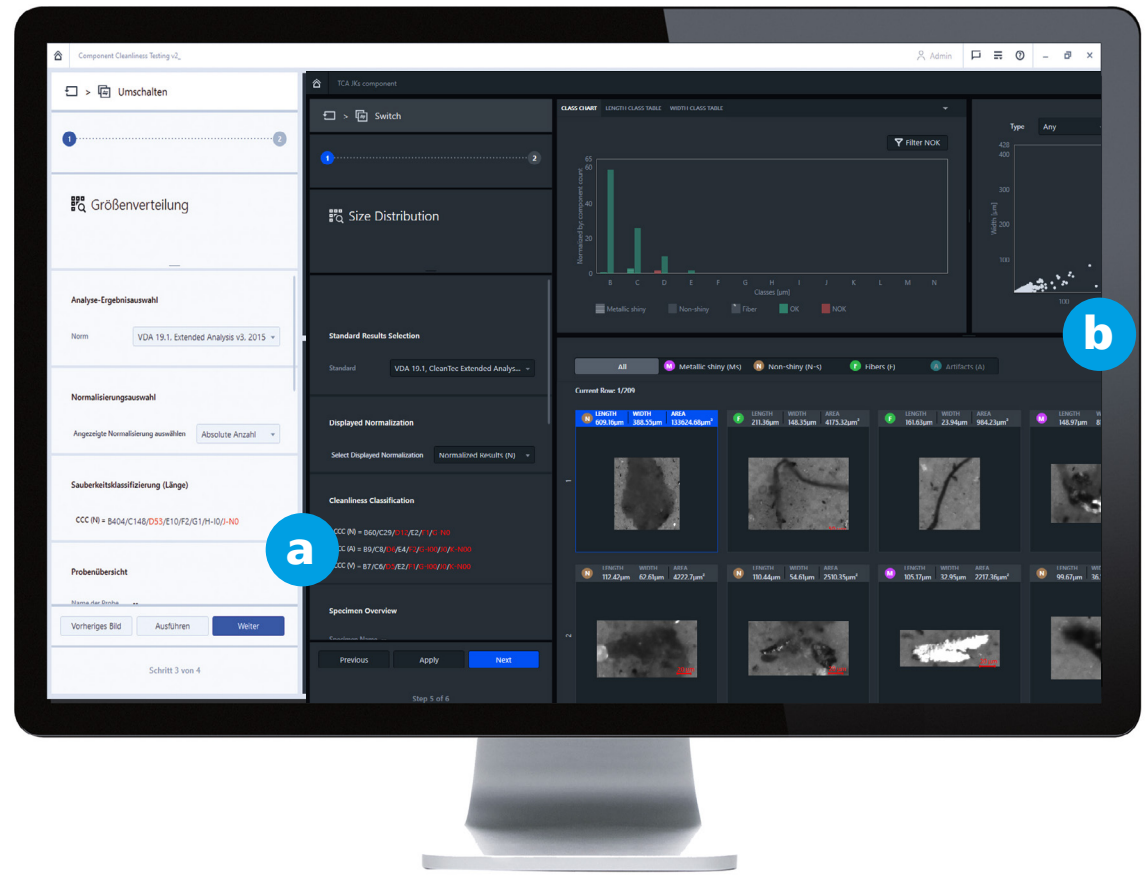
Fast and reliable information

a

Your Workflow Solution

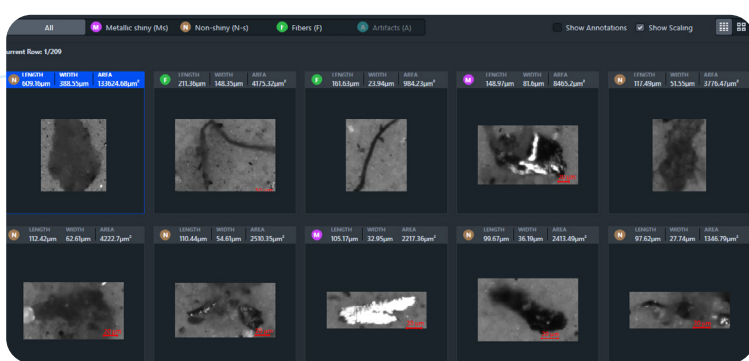
// Standard based, fully automated workflow solutions for fast sample acquisition, particle detection, size and type, classification, result documentation and archiving.

// Industry standards for automotive, medical and electronics cleanliness applications.

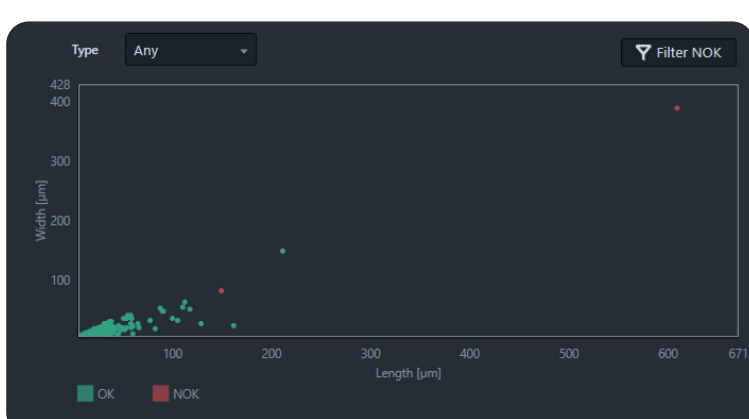


Software views

Size distribution and particle revision
Everything at a glance



Classification Parameter: Ferret Maximum [µm]						
Particle Length	B (5:2X-15)	C (15:2X-25)	D (25:2X-50)	E (50:2X-100)	F (100:2X-150)	
All without fibers						
Normalized count per component (N)	60.5	28.7	12.1	2	0.6	
Cleanliness level (N)	60	29	12	2	1	
Approval	OK	OK	NOK	OK	NOK	
Metallic shiny						
Normalized count per component (N)	1.3	2.9	2	0.2	0.2	
Cleanliness level (N)	1	3	2	0	0	
Approval	OK	OK	NOK	OK	NOK	
Non-shiny						
Normalized count per component (N)	59.2	25.8	10.1	1.8	0.4	
Cleanliness level (N)	59	26	10	2	0	
Approval	OK	OK	OK	OK	OK	



b

Interactive results

- // Interactive result views for reliable particle inspection: OK or not OK.
- // Particle revision view for fast particle editing, standard i.e. template editor, offline template for customer demo without microscope.
- // Workflow for particle height measurement and additional standards and features.

Particle inspection

- // Approval related particle inspection and interaction.
- // Particle-based visualization of the measurement results.
- // Fast inspection and revision of particle types.
- // Scatter plot with product finger print.

Particle Verification

- // Particle Gallery for particle retrieval in live view.
- // Particle Revision: separating, combining, editing of particles, particle type change.

Typical use cases:

- // Merging of fiber fragments.
- // Separation of particles lying close together.

Ready to try our solution?

- [More Info](#)
- [Email](#)
- [Call us now](#)

Contact us

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