

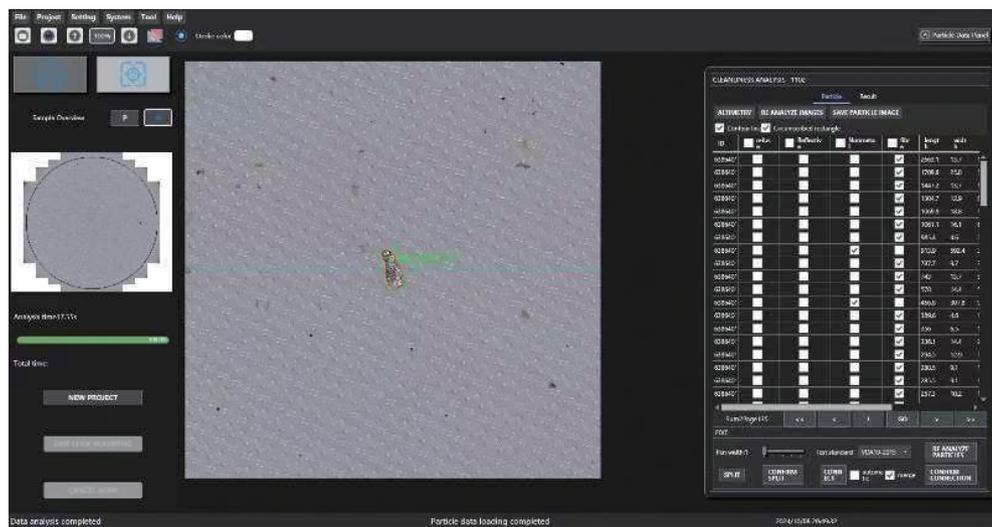
AUTOMATIC CLEANLINESS ANALYSIS SYSTEM (ADVANCED TYPE) CODE OPP-OM53



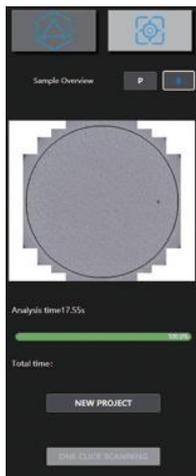
- According to VDA19.1, ISO16232, ISO4406, NAS1638
- High resolution metallographic optics
- Automatically detects and distinguishes particle types
- One scan, one click report
- High reliability, high accuracy
- Parameters such as length, width, area, maximum fiber length, total length, etc. can be evaluated

SPECIFICATION

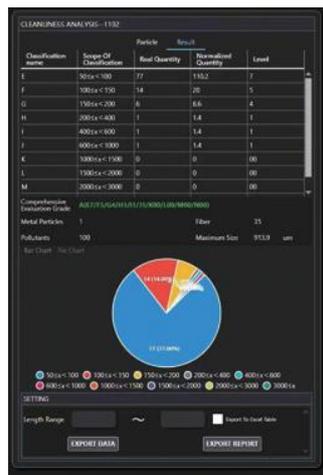
Microscopy	objective	5X, 20X
	polarized light	anti reflective coating polarizer, automatic polarized light
	light source control	LED cold light source, gray value automatically adjusted in the range of 0-255
	focus display	automatic adjustment, real-time display
Motorized scanning table	control mode	XYZ three-axis high-precision control
	travel	80×60mm
	motion accuracy	1μm
	repeatability	≤2μm
Camera	sensor	1/1.2"CMOS
	single pixel size	5.86×5.86μm
	pixel	2.3M
Software	distinguish between particle types	metals, non-metals, fibers
	testing items	particle type, size, quantity, etc.
	detecting particle size	≥2μm
	height detection	included, 3D fusion achievable
	testing method	automatic scanning, automatic detection
	testing accuracy	repeatedly scan the filter membrane 10 times, with the deviation of the total number of particles less than 2%
	testing result	scan the calibration film, with the deviation less than 2 pixels
scanning time	automatically rate, WORD/EXCEL reports can be exported	
Power supply		<5min
Dimensions(W×H×D)		AC 220V, 50HZ
Weight		1200×600×650mm
		25kg



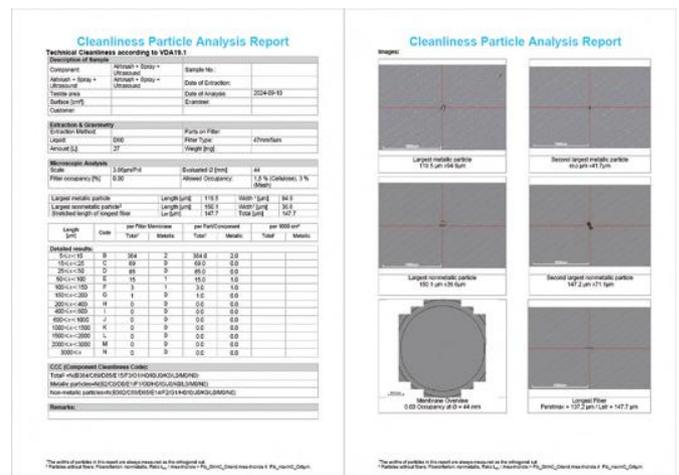
cleanliness analysis software (included)



scanning image stitching



test result statistics



example of cleanliness report analysis

STANDARD DELIVERY

Microscopy	1 pc
Analysis software	1 pc
Camera	1 pc
Computer	1 pc
Filter membrane fixture	1 pc
Motorized scanning station	1 pc
Calibration film	1 pc

OPTIONAL DELIVERY

Metallographic analysis software	ISM-MAS100C-SOFTWARE
Objective lens 10x	OPP-OM53-PLO10X
Objective lens 50x	OPP-OM53-PLO50X
Objective lens 100x	OPP-OM53-PLO100X
Filter membrane	OPP-FP47