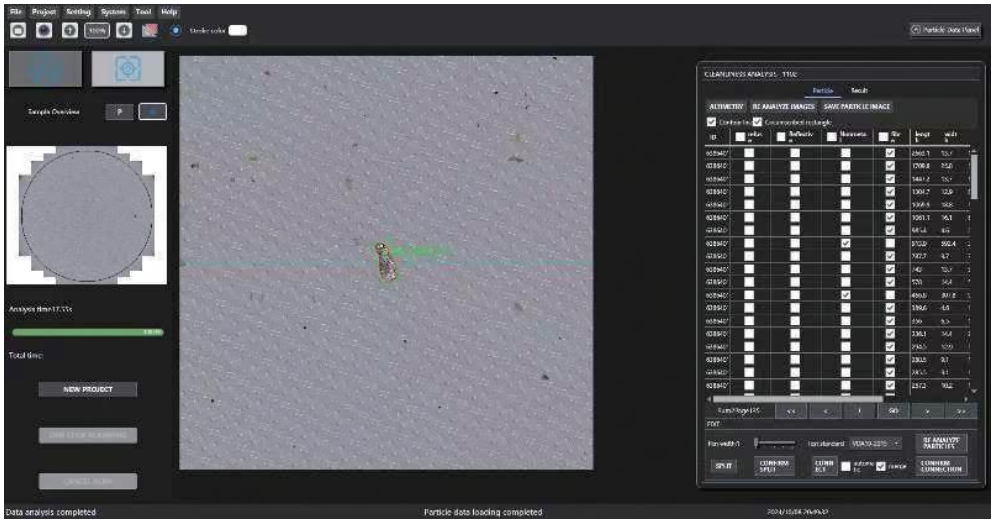
AUTOMATIC CLEANLINESS ANALYSIS SYSTEM (STANDARD TYPE) CODE OPP-OS18

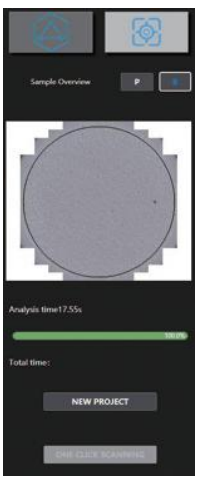
- According to VDA19.1, ISO16232, ISO4406, NAS1638
- Parallel optical system
- Automatically detects and distinguishes particle types
- One scan, one click report
- High reliability, high accuracy
- Parameters such as length, width, area, maximum fiber length, total length, etc. can be evaluated

SPECIFICATION

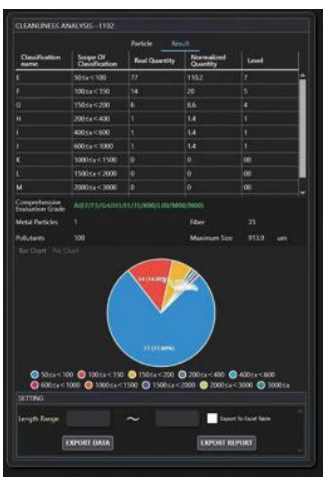
Microscopy	objective	0.8X~5.6X
	zoom ratio	1:7
	polarized light	anti reflective coating polarizer, automatic polarized light
	light source control	LED cold light source, gray value automatically adjusted in the range of 0~255
	focus display	manual focus
Motorized scanning table	control mode	X-Y axis 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	≥15μm
	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%
		scan the calibration film, with the deviation less than 2 pixels
	testing result	automatically rate, WORD/EXCEL reports can be exported
	scanning time	<3min
Power supply		AC 220V, 50Hz
Dimensions(L×W×H)		800×600×650mm
Weight		15kg



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

Filter membrane	**OPP-FP47**