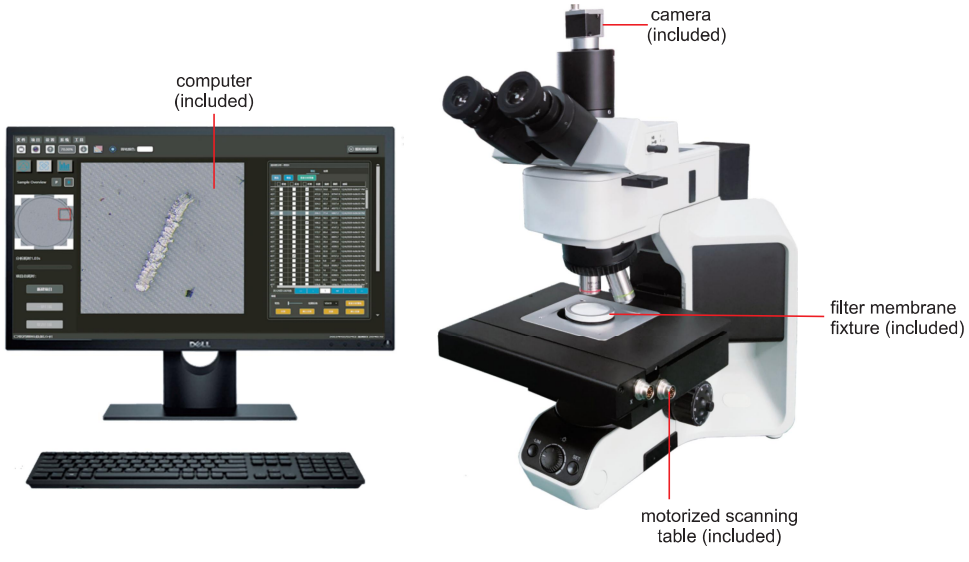
AUTOMATIC CLEANLINESS ANALYSIS SYSTEM (ADVANCED TYPE) CODE OPP-OM53

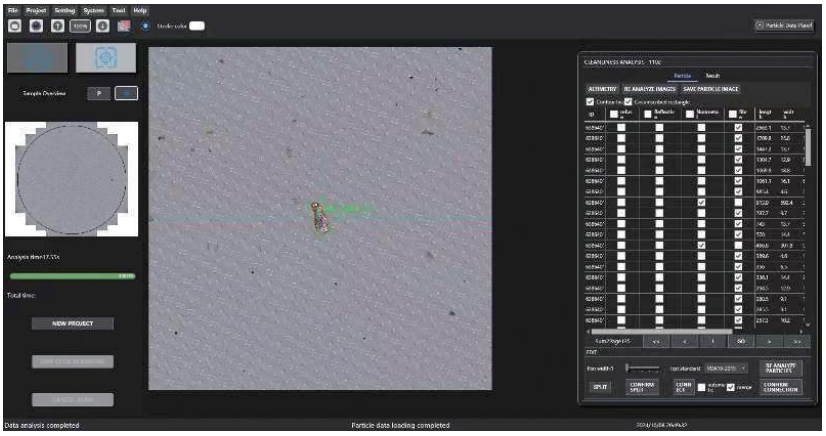


- According to VDA19.1, ISO16232, ISO4406, NAS1638
- High resolution metallographic optics
- Automatically detects and distinguishes particle types
- One scan, one click report
- High reliability, high accuracy
- Parameters such as length, width, area, maximum fiber length, total length, etc. can be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

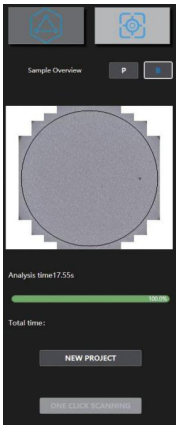
SPECIFICATION

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%
		scan the calibration film, with the deviation less than 2 pixels
	testing result	automatically rate, WORD/EXCEL reports can be exported
	scanning time	<5min
Power supply		AC 220V, 50Hz
Dimensions (L×W×H)		1200×600×650mm
Weight		25kg

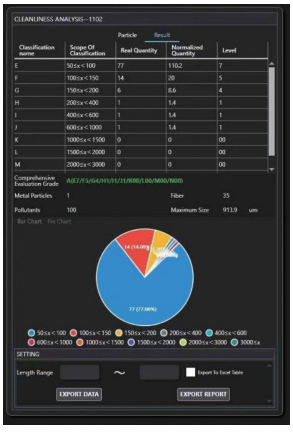
cleanliness analysis software (included)



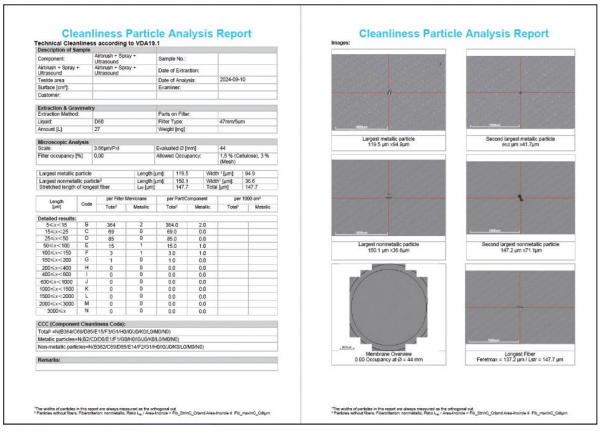
scanning image stitching



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 ACCESSORY

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**