

Hardware Accessories

Technical Cleanliness Inspection System
CIX100

Sample Holders for Common Cleanliness Applications

Engineered for fast, efficient microparticulate contaminant analysis, the CIX100 technical cleanliness system offers a series of dedicated sample holders to accommodate a variety of sample styles, including:

- A/B.** Filter membranes (25 mm, 47 mm, and 55 mm) to capture contaminants after part washing or direct liquid filtration (black and white backgrounds available).
- C.** Tape lift samples using adhesive tape to remove particles from delicate surfaces that cannot be washed.
- D.** Particle traps for capturing sedimenting air contaminants in assembly processes.

Each sample holder is fully integrated into the system software, making them easy to use.



CIX100 Hardware Accessories—Sample Holder

	Description	Application	Sample Type	Most relevant cleanliness standard	
	Filter holder for 25 mm diameter filter membrane with black background	<ul style="list-style-type: none"> • Oil and Lubricant Analysis • Medical Device • Pharmaceutical Manufacturing 	Foamed Membrane Material <ul style="list-style-type: none"> • Cellulose Nitrate • Cellulose Acetate 	<ul style="list-style-type: none"> • DIN 51455 • ISO 4406 • ISO 4407 • NAS 1638 • SAE AS4059 • ISO 16232 • VDA 19.1 • VDI 2083-21 	
	Filter holder for 47 mm diameter filter membrane with black background	<ul style="list-style-type: none"> • Manufacturing • Automotive • Electric Vehicle • Machinery 	<ul style="list-style-type: none"> • Nylon (Polyamide) • Polycarbonate • PTFE (Polytetrafluorethylene) Size Circular with a diameter of 25 mm, 47 mm, or 55 mm		
	Filter holder for 55 mm diameter filter membrane with black background	Holder is uncoated, making it suitable when using solvents	Color <ul style="list-style-type: none"> • White • Black 		
	Filter holder for 25 mm diameter filter membrane with white background	<ul style="list-style-type: none"> • Automotive • Electric Vehicle • Machinery These holders are good for mesh filter if no aggressive solvent was used.	Mesh Filter Material <ul style="list-style-type: none"> • PET (Polyester) • Nylon (Polyamide) 	<ul style="list-style-type: none"> • ISO 16232 • VDA 19.1 • VDI 2083-21 	
	Filter holder for 47 mm diameter filter membrane with white background		Size Circular with a diameter of 25 mm, 47 mm, or 55 mm		Color <ul style="list-style-type: none"> • White • Yellow
	Filter holder for 55 mm diameter filter membrane with white background				
	Tape lift holder for 50 mm and 19 mm wide adhesive tape roles	<ul style="list-style-type: none"> • Aerospace, Space Technology • Electronics, Solar Panel 	Tape Lift Material <ul style="list-style-type: none"> • Polyethylene with glue Size • Adhesive tape on 50 mm and 19 mm width plastic roll (3M Nr. 480)	<ul style="list-style-type: none"> • ASTM E1216-11 	
	Holder for 47 mm particle traps in a 50 mm diameter Petri dish	<ul style="list-style-type: none"> • Manufacturing Process (VDA 19.2) • Clean Rooms 	Particle Trap Material <ul style="list-style-type: none"> • Foam membrane with glue on it packed in a Petri dish and stuck to a leaflet Size Circular with a diameter of 47 mm	<ul style="list-style-type: none"> • VDA 19.2 	
			Color <ul style="list-style-type: none"> • White 		

- EVIDENT CORPORATION is ISO14001 certified.
- EVIDENT CORPORATION is ISO9001 certified.

All company and product names are registered trademarks and/or trademarks of their respective owners.

- Images on the PC monitors are simulated.
- Illumination devices for microscope have suggested lifetimes. Periodic inspections are required.
- Please visit our web site for details.

• Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.