

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

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