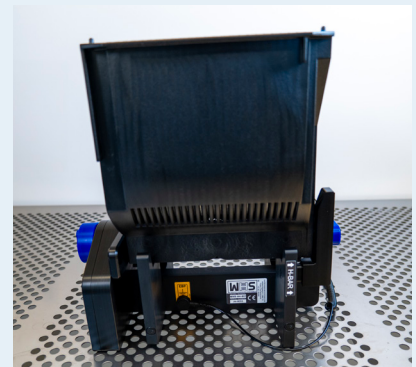
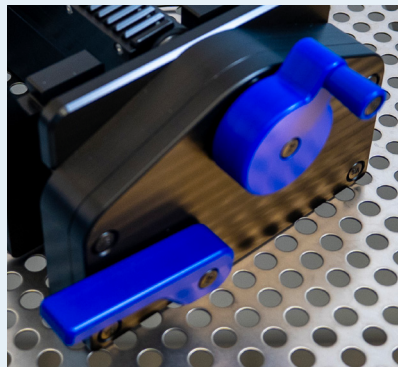
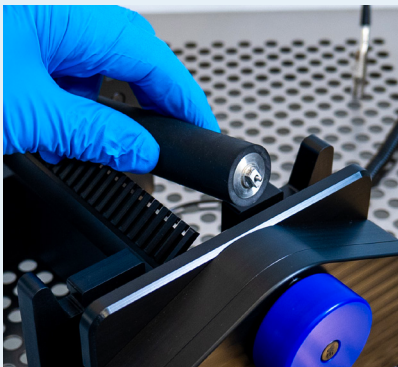
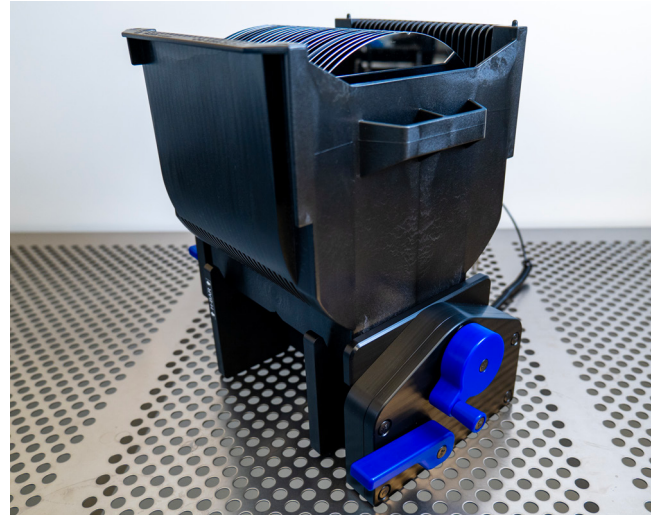


MANUAL WAFER NOTCH ALIGNER

The WHS-A4 series is a precision manual wafer notch aligner designed for top and bottom bulk alignment of 200 mm (8") wafers. Ideal for semiconductor applications such as lithography, deposition, and etching, this aligner ensures that wafer notch orientation is accurately aligned for critical processes. Engineered to meet the demands of modern semiconductor production, it is compatible with SEMI-compliant 200 mm wafer cassettes.

Featuring a spring-loaded notch catch comb assembly and an antistatic polyurethane roller, the WHS-A4 provides gentle wafer contact, protecting wafer edges while minimizing particle generation and maximizing yield. Its ergonomic design includes a spin-knob and lever system, reducing operator fatigue during manual alignment tasks.



Constructed with static dissipative materials, the WHS-A4 offers robust ESD protection, grounding both the wafer and cassette to prevent damage to sensitive semiconductor devices. Designed for ISO 4 (Class 10 FS209E) cleanroom environments, the aligner meets stringent contamination control standards.

Maintenance is simplified with the quick-disconnect roller assembly, allowing for fast and efficient cleaning. In addition to alignment, the WHS-A4 supports lot integrity checks and edge inspections, enabling operators to detect wafer defects early and avoid costly production delays.

Manufactured in an ISO9001 and CE certified facility, the WHS-A4 meets rigorous international standards for quality and performance, making it the ideal solution for precise manual wafer alignment in semiconductor cleanroom environments.

FEATURES AND ADVANTAGES

- Antistatic construction with grounded wafer and cassette paths
- Top and bottom notch alignment for 200 mm wafers
- Spring-loaded notch catch comb for gentle wafer handling
- Quick-disconnect roller assembly for easy maintenance and cleaning
- Ideal for alignment, lot integrity checks, and edge inspection

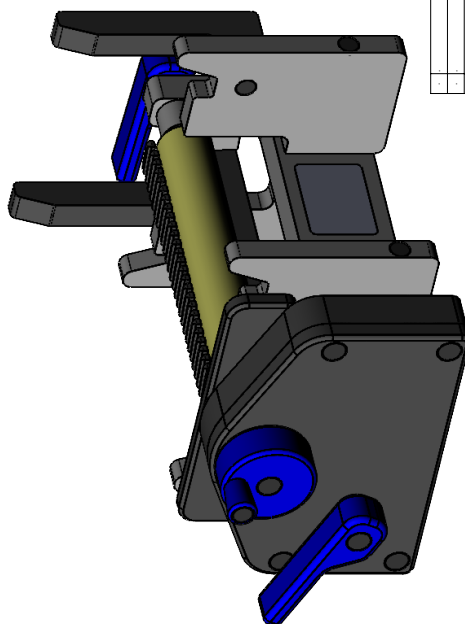
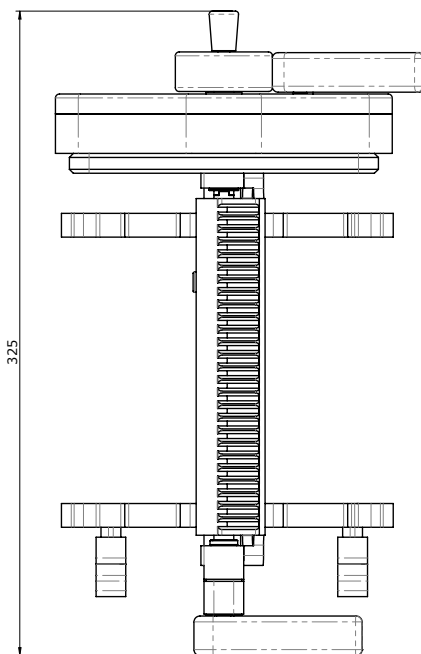
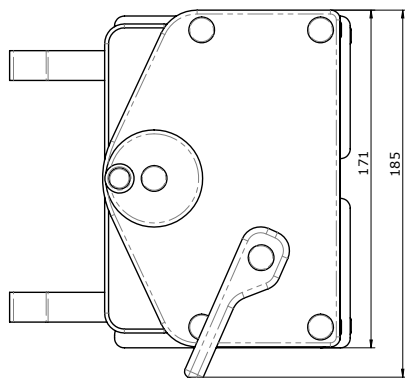
MANUAL WAFER NOTCH ALIGNER

ITEM	SPECIFICATIONS
Wafer size	150 mm or 200 mm
Base material	Antistatic Polyoxymethylene
Roller material	Antistatic EPDM
Cleanliness	ISO 4 (Class 10 FS209E)
Replacement drive roller	WHS-SP-A3/A4-R8
Replacement notch roller	WHS-SP-A3/A4-NylonRod
*** NOTE: Please specify cassette model number(s) when ordering ***	



ORDERING INFORMATION

WHS-A4-	801
CODE	MODEL
601	Aligner, manual notch finder, 150 mm
801	Aligner, manual notch finder, 200 mm

[illegible]

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