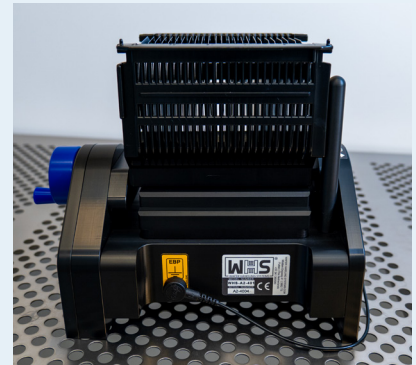
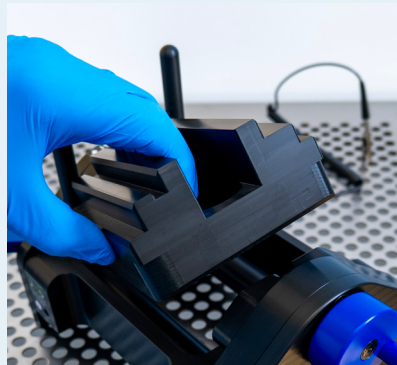
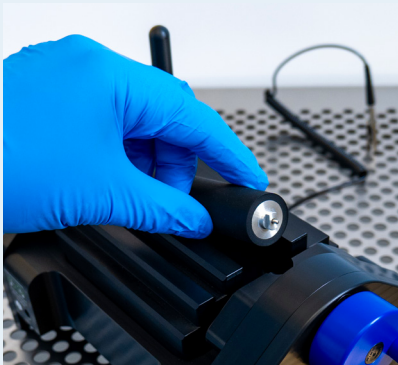
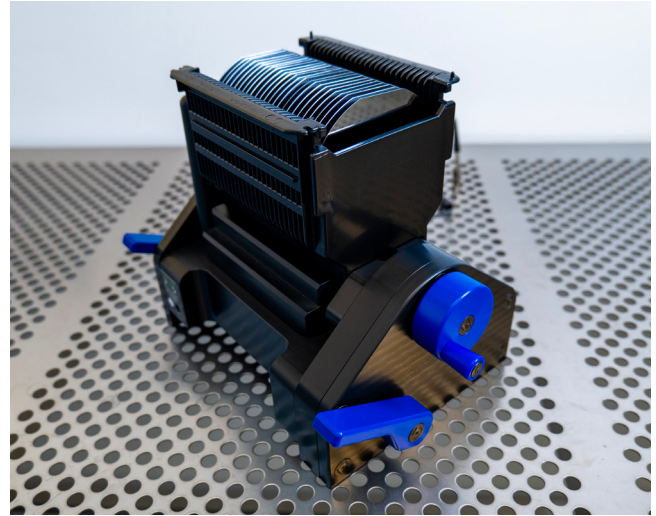


MANUAL WAFER FLAT ALIGNER

The WHS-A2 series is a manual wafer flat aligner designed for top and bottom bulk alignment of wafers ranging from 76 mm (3") to 150 mm (6"). It is engineered to handle compound wafers such as InP, GaAs, GaN, and SiC, ensuring accurate alignment for critical semiconductor processes, including lithography, deposition, and etching.

With its ergonomic spin-knob and lever, the WHS-A2 reduces operator fatigue while maintaining precise control over alignment. The spring-loaded stage gently engages wafers, protecting edges, enhancing yield, and reducing breakage risks.

Built with static dissipative materials, the WHS-A2 provides ESD protection by grounding both the wafer and cassette, safeguarding sensitive devices. Designed



to operate in ISO 4 (Class 10 FS209E) cleanroom environments, it meets stringent contamination control requirements.

The WHS-A2 is compatible with SEMI-compliant wafer cassettes and features a quick-disconnect roller assembly for easy maintenance. It supports important tasks like lot integrity checks and edge inspection, helping operators detect defects early and prevent costly delays.

Manufactured in an ISO9001 certified facility, the WHS-A2 is CE certified, ensuring compliance with rigorous international quality and safety standards. This makes it an ideal choice for precise wafer handling in cleanroom applications.

FEATURES AND ADVANTAGES

- Antistatic construction with grounded wafer and cassette paths
- Quick-disconnect roller for easy maintenance and cleaning
- Supports alignment, lot integrity, and edge inspection tasks
- Designed for manual wafer alignment of 76 mm to 150 mm wafers
- Engineered for SEMI-compliant wafer handling in cleanroom environments

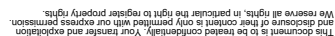
MANUAL WAFER FLAT ALIGNER

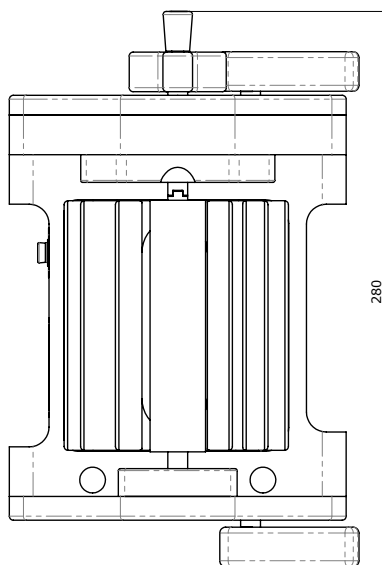
ITEM	SPECIFICATIONS
Wafer size	76 mm, 100 mm, 150 mm or multi-size
Base material	Antistatic Polyoxymethylene
Roller material	Antistatic EPDM
Cleanliness	ISO 4 (Class 10 FS209E)
Replacement roller	WHS-SP-A1/A2/A6-R6_1
*** NOTE: Please specify cassette model number(s) when ordering ***	



ORDERING INFORMATION

WHS-A2-	701
CODE	MODEL
301	Aligner, manual flatfinder, 76 mm
401	Aligner, manual flatfinder, 100 mm
601	Aligner, manual flatfinder, 150 mm
701	Aligner, manual flatfinder, multisize 76, 100, 125, 150 mm





General Tolerances 2768-mk-E		Surfaces to DIN EN ISO 1302		Scale	1:2	Weight		
-	-	-	-	Draftsm	14.10.2022	S. Haas		
-	-	-	-	Checked	15.06.2023	R. Biers		
-	-	-	-	Released	15.06.2023	S. Haas		
-	-	-	-	Project No.	Ferstst. A3			
						S&P-Mkt.-Nr. 8100047766		Version 01
				W&F-F&N-MRK-SYSTEMS 8100047766		Drawing No. WHS-A2_BG0002		Sheet 1:2
Ident. Number Model:				WHS-A2_BG0002				
Plänen nach außen 5mm versetzt Modifikation								
01								
fer								

This document is to be treated confidentially. Your transfer and exploitation and disclosure of their content is only permitted with our express permission. We reserve all rights, in particular the right to register property rights.

