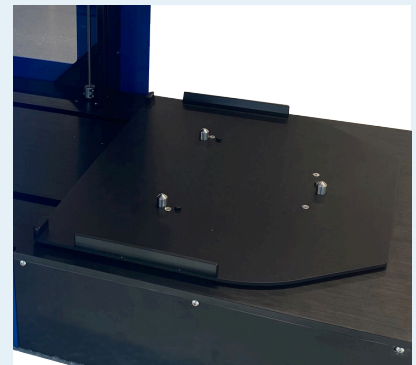
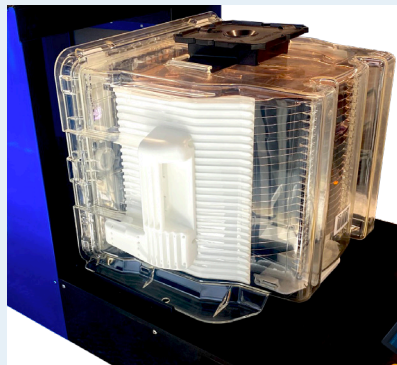
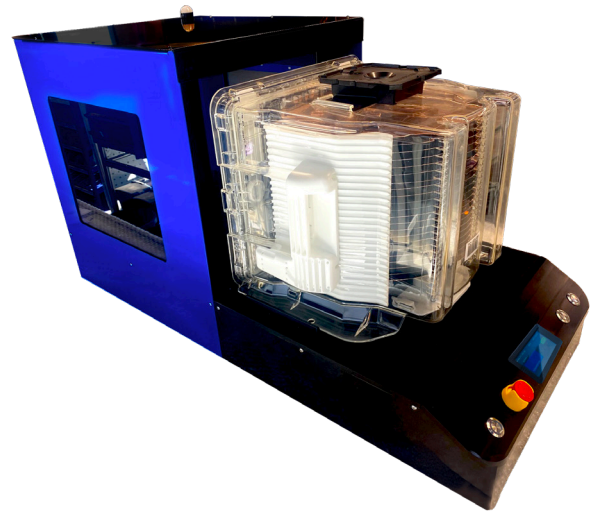


# SAFEGUARD AUTOMATIC WAFER TRANSFER

The WHS-TI SafeGuardTransfer 300 mm is the most advanced bulk wafer transfer system on the market, offering superior precision and safety for handling delicate 300 mm wafers. One of the only systems specifically designed for thin wafer transfers, it is highly effective at transferring warped or bowed wafers without causing edge abrasion or mechanical shock, ensuring higher yields and reduced defects. The system's footprint makes it ideal for cleanroom environments with limited space, offering both performance and efficiency.

The WHS-TI-1201 is designed especially for 300 mm wafers, including InP, GaAs, GaN, and SiC compound wafers. Its motorized stage turns the open FOUP towards the doghouse. A 25-set transfer arm gently slides in the FOUP, and lifts wafers and removes



the wafers from the FOUP, eliminating the need for wafers to slide or risking thin wafer positioning on a vertical movement system. The SafeGuard's touchscreen interface and light tower provide real-time communication to the operator, indicating system status and transfer progress for streamlined operations.

The WHS-TI-1201 is ISO 3 (FS209E Class 1) cleanroom compatible and SEMI compliant, handling SEMI compliant FOUPs. Manufactured in an ISO9001 certified facility and CE certified, the WHS-TI is the industry's most advanced, reliable solution for bulk wafer transfers in high-precision semiconductor environments. alignment, meeting international standards while maintaining cost-effectiveness for semiconductor manufacturing.

## FEATURES AND ADVANTAGES

- Precision robotic control for 300 mm wafers
- Gentle handling of thin, warped, and high-value wafers
- Compact, low-maintenance, ISO 3 (Class 1) design
- Programmable touchscreen with adjustable settings

# SAFEGUARD AUTOMATIC WAFER TRANSFER

ITEM	SPECIFICATIONS
Wafer size	300 mm
Materials, transfer rods	Antistatic carbon fiber
Materials, stage	Antistatic Polyurethane
Materials, guides	Antistatic Polyoxymethylene /PEEK
Cleanliness	ISO 3 (Class 1 FS209E)
*** NOTE: Please specify cassette model number(s) when ordering ***	

## ORDERING INFORMATION

WHS-T1 -	1201
CODE	MODEL
1201	Wafer transfer, safeguard 300 mm (12") for FOSB & FOUP

Projekt <b>286</b>	Alp-Toleranz mK	Artikel	Werkstoff	Oberflächenbeh.	
Schutzmerk: ISO 16016 beachten!	Tolerierung ISO 8015	Maßstab <b>1:10</b>	Halbzug -	Masse (kg) 73.0	
Zust Änderung	Name	Datum	Name	Bemerkung	
(A)		18.11.2024	Okcu		
(B)		18.11.2024	Sha		
(C)					
(D)					
(E)					
(F)					
(G)					
(H)					
Zeichnungsnummer <b>WHS-T1-1201_000</b>			Index		Blatt 1
SPS SEMICONDUCTOR PRODUCTION SYSTEMS Your guide to innovative production.			WHS-T1-1201_000		01
Uspr. -					DIN A3

letzte Speicherung: Montag, 18. November 2024 17:48:40

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