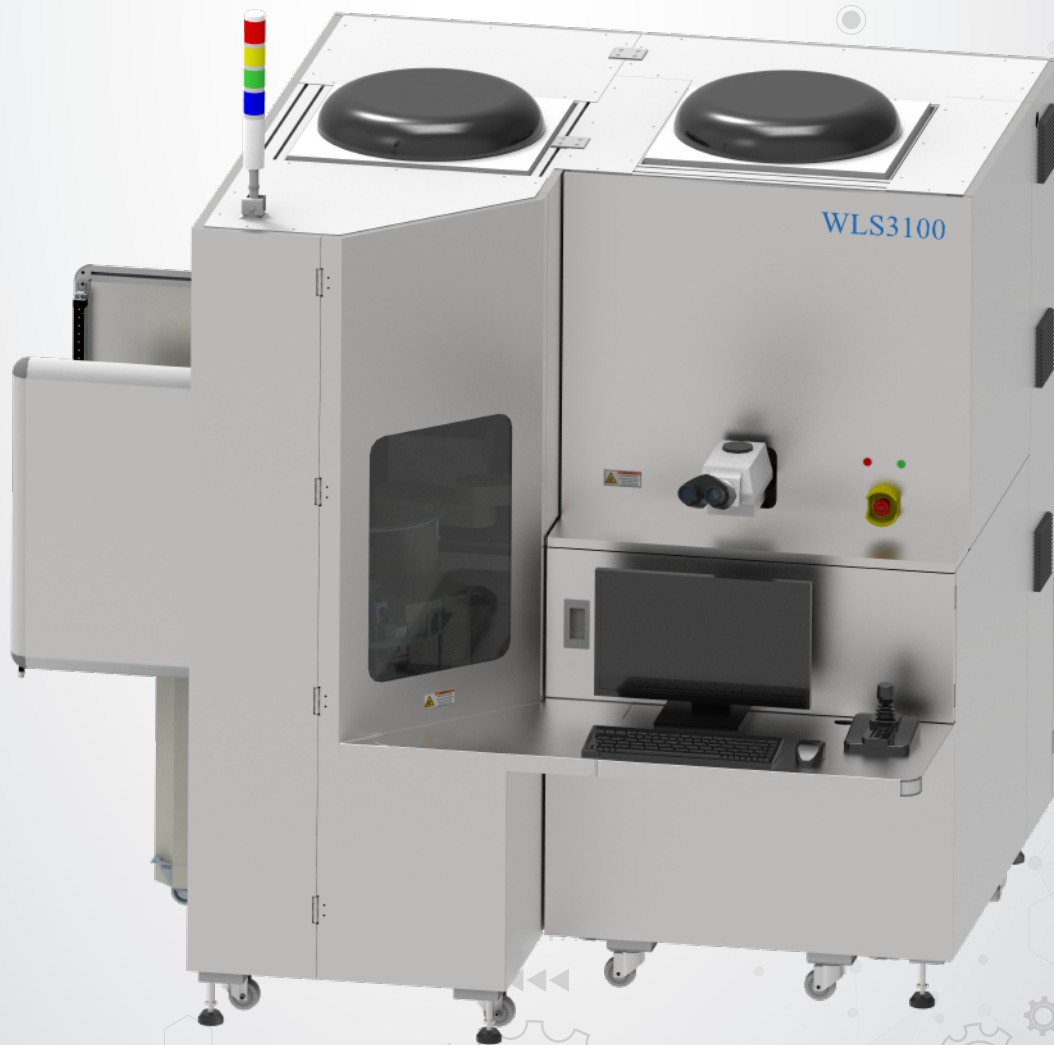


Automatic Wafer Loader & Microscope Inspection System



The WLS3100, a fully automated system for macro / micro inspection and overlay measurement

Easy Operation

- Maintain complete control of the entire system using the intuitive controller software.
- Integrated workflow for fast top and back macro inspection
- Improve productivity with the fully motorized microscope unit armed
- with active auto-focus and automatic brightness controls.

High Reliability

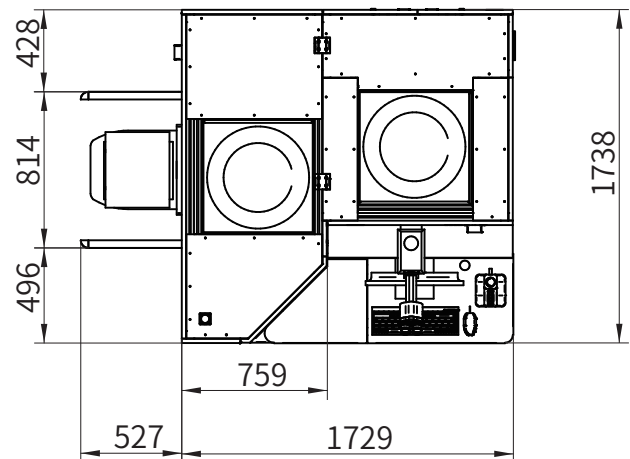
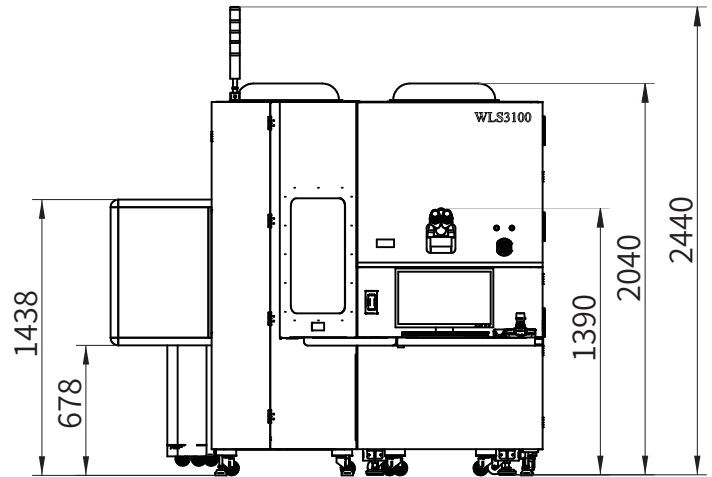
- Provide secure wafer transfer and precision imaging results with pre-aligner, auto-image alignment, and vibration isolation.
- Minimize contamination and handling errors with the fully enclosed and positive air pressure mini environment.

Specifications

Wafer Size	300mm / 200mm
Types of cassettes	FOUP/FOSB/SEMI
Number of cassette	1
Wafer handling	Rotary transport robot arm
Inspection mode	Top macro, back macro, 2nd back macro micro inspection
Observation mode	BF, DF, DIC(optional), IR(optional)
Vibration Isolation	Air suspension type
Utility	AC220V – 240V 3.0kVA 50/60Hz Vacuum -67kPa – -80kPa 20L/min Air 0.5MPa to 0.6Mpa 160L/min
Stage	Motorized vacuumed XY and 360° rotation
Weight	1200 ± 50kg

Dimensions

Unit:mm



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