

Flexible and Simple

Overview

AV1000- Wafer Loader module is a flexible Robotic module.

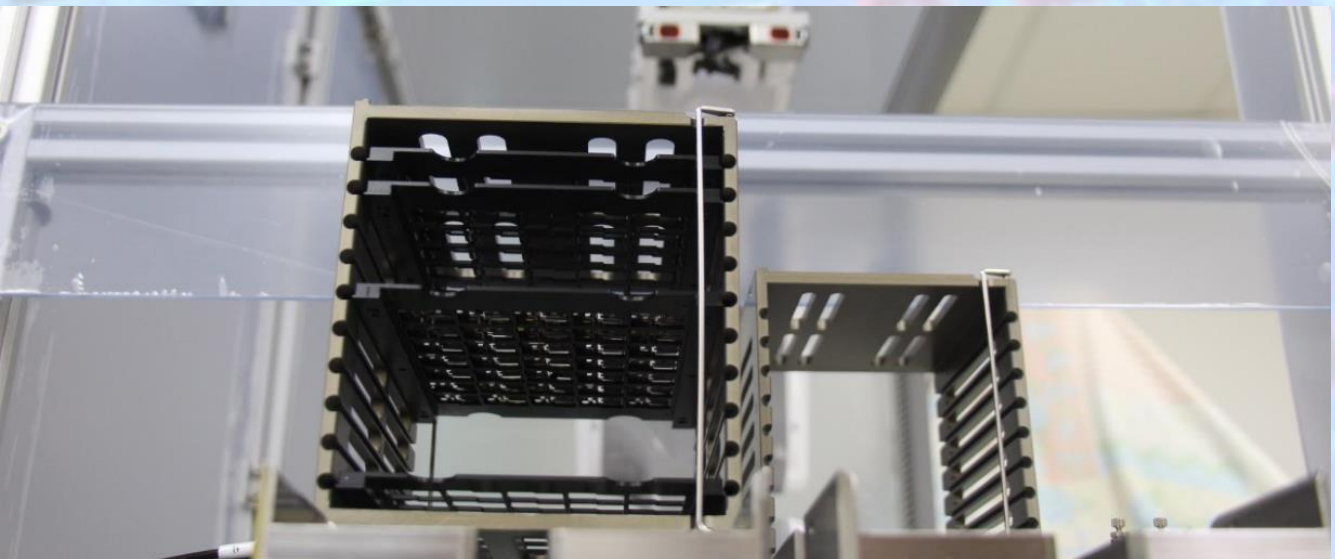
The combination of innovative software, so that it could handle various type of wafer or tray.

Benefits

- 1. Recipe-driven operations automate the wafer-loading and unloading process, ensure maximum uptime.**
- 2. Modular system.**
- 3. User-configurable controls allows for greater flexibility.**
- 4. Protects wafers by identifying cross-slotted wafers**
- 5. Easily re-select wafers for additional process.**
- 6. Easy repair and maintenance.**

Feature

- 1. Handle 8" and below wafer**
- 2. PC Windows-bases operating system**
- 3. Cassette mapping automatically identifies and displays the content of a cassette.**
- 4. Touch-screen operation makes the system ease of use.**

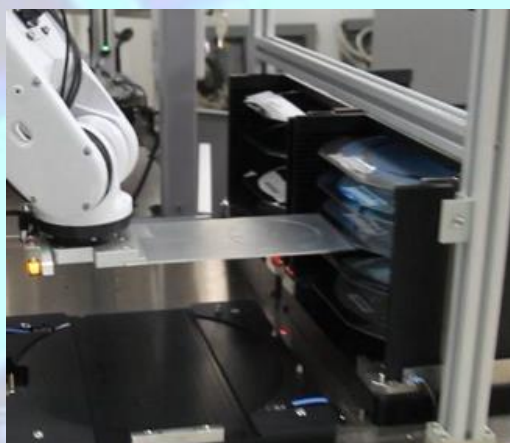
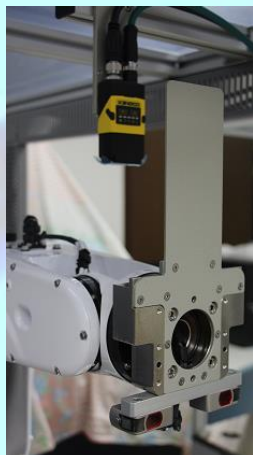
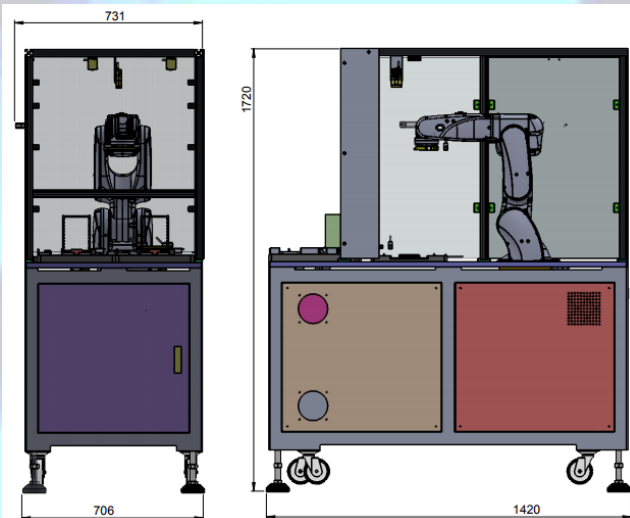


SPECIFICATIONS



General	
Machine Dimension (W X D X H)	731 mm x 1420 mm x 1720 mm
Machine Weight	250 kg
Utilities Requirements	200 ~ 240 VAC, 50/60 Hz, 3KW
Compressed Air	6 Bar
Wafer Size	8" / Tray

System Features	
Door open detection	Yes
Failure Mapping	Yes
Defect Logging	Yes
Barcode Scanning	Yes
2D Matrix Scanning	Optional – need sample
OCR	Optional – need sample
Cycle time	Below 50 sec per wafer
End Effector	Customize
Uptime	> 95%
Mean Time Between Assist	< 2 hrs
Mean Time Between Failure	> 168 hrs
Load Port	Single- Metal Frame / Dual-tray



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