

Solar Cell Wafer Transfer



High Yield
High Throughput
Low Cost of Ownership

Step into the next generation of Solar Cell Wafer Handling with GL Automation's Solar Cell Wafer Transfer Systems. Innovative design concepts reduce footprint and dramatically improve yield. GLA systems are ideal for high efficiency solar cells as thin as 90µm and feature table-top or stand alone configurations. Model shown transfers wafers from two 50 slot plastic cassettes and combines them to one 100 slot half pitch quartz boat or vice versa. Wafers are carefully held during transfer by atmospheric pressure differential on the wafer using ceramic faced grippers which uniformly distribute the force to improve yield and prevent wafer warpage.

Product Highlights

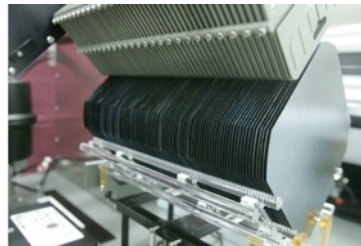
Fully Automatic and User Friendly
Throughput: Up to 5000 Wafers per Hour
Wafer Breakage: < 0.01%
Wafer Thickness: As Low as 90µm
Compact Designs, either Table Top or Standalone
ESD and Metal Contamination Safe
Compatible with Class 100 Cleanroom

Available Options

25 to / from 25 wafers
50 to / from 50 wafers
25 to / from 50 wafers
50 to / from 100 wafers
Plastic, Teflon, Quartz Carriers
Safeguards & Interlocks
Touch Screen Operator Interface

Specifications

Footprint: as small as 840mm W x 790mm D
Facilities: 115 VAC or 220 VAC 5 AMP
CDA 100 psi



Model shown: from two 50 slot plastic cassettes to one 100 slot half pitch quartz boat

