

ACE SORTER



Photo: RSC192 (8 ports configuration)

High throughput sorting is realized by using the clean robot on which the new servo is mounted, aligner, and linear track axis. The frame has the configuration so that the load port can be mounted at the front, back, left, and right of the frame , and the load port and various units can be addd kater. Direct connection with the OHT and stocker is available.

Features

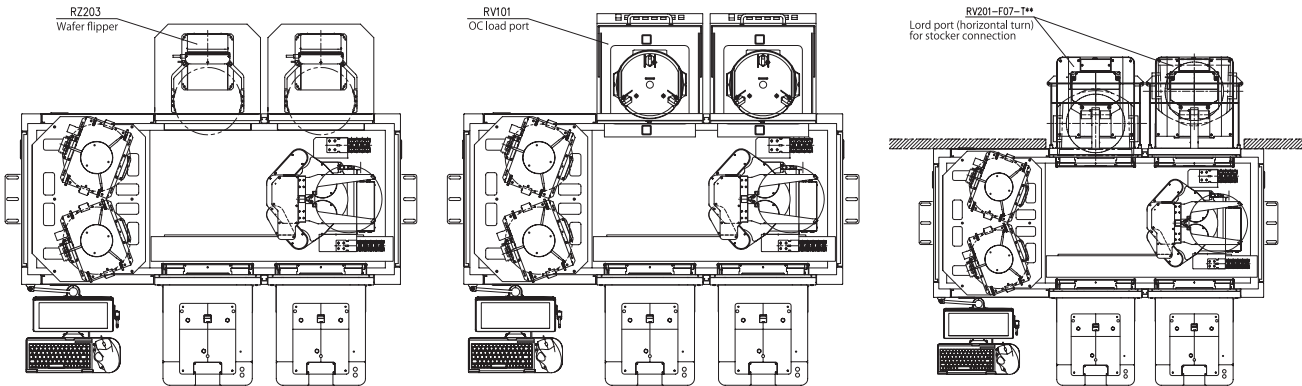
- High speed alignment using two aligners
- The edge clamp method prevents transferring particles onto the back surface of a wafer.
- IDs on both surfaces of a wafer can be read.
- Corresponding to the system on which the OHT and stocker are mounted.
- Transferring wafers can be instructed on the touch panel to realize easy-to-understand operability.

Main specifications

Type	RSC132	RSC142	RSC152
Number of ports	2 ports	3 ports	4 ports
Transferring object	300 mm wafer: dia. 300 ± 0.2 mm, Thickness: 775 μ m		
Carrier	25-slot 300 mm FOUP (SEMI E47.1)		
	25-slot 300 mm FOSB (SEMI M31)		
Power voltage	Single-phase 200V AC ±10%, 50/60Hz ±5%		
Current consumption	4kVA (20A/200V AC) Including FFU		
Vacuum (source pressure)	-80 kPa to -90 kPa		
Vacuum (flow rate)	30 L/min	40 L/min	50 L/min
Positive pressure (source pressure)	0.6 MPa to 0.7 MPa		
Positive pressure (flow rate)	20 L/min	30 L/min	40 L/min

Option

- Corresponding to various transferring operations such as reversing a wafer and open casette
 - Glass wafers and laminate wafers
 - Various chemical filters
 - Bar code reader and RF-ID reader
- Compatible transferring of 200 mm and 300 mm works
 - FOUP for the stocker-mounted type
 - Ionizer
 - N2/XCDA purge



Outline dimensions

RSC132/152

