

## ACE EFEM



Photo: RSC141

The high speed transferring system is realized by mounting the new type clean robot and high speed linear track axis. Connection with the OHT and AGV is available.

### Features

- Higher throughput can be attained by mounting two aligners.
- Corresponding to the vacuum chucking type and edge clamp type (option)
- Compatible use of 200 mm and 300 mm works (option)

### Option

- Automatic teaching system
- Ionizer
- Chemical filter
- Wafer internal buffer
- RF-ID and bar code reader
- E84
- The load port with N2/XCDA purge
- Teaching pendant

### Main specifications

Type	RSC131	RSC141	RSC151
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)	40 L/min	50 L/min	60 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
EMO contact output	2 systems (dry contact)		
Interlock	Input: 8 points/Output: 8 points (insulated I/O)		

### Outline dimensions

#### RSC141

