

2Ports/3Ports/ 4Ports EFEM/Sorter

- ✓ High Cleanliness
- ✓ High Production Capacity
- ✓ High Reliability
- ✓ Customization



Constituent Components



**Atmospheric Wafer
Transport Robot**
(GM124)



Controller
(SR100)



Pre-calibration Machine
(PER1130)

Specifications And Dimensions

PROJECT	SPECIFICATION		
Product	2Ports EFEM/Sorter	3Ports EFEM/Sorter	4Ports EFEM/Sorter
Model	GE02/GS02	GE03/GS03	GE03/GS03
External Dimensions (mm)	W1600 D820 (+451) H2200	W2100 D820 (+451) H2200	W2600 D820 (+451) H2200
Port Number	2	3	4
Moving Objects Wafer	300mm Silicon Wafer (Diameter: 300mm±0.2mm Thickness: 775μm)		
Correspond Carrier	300mm FOUP, 300mm Auto FOSS		
Clean Degree	ISO Class1		
Robot	GM124ANE/GM124ANV		
Pre Aligner	PER1130/PVR1130		
Robot Controller	SR100		
Loadport	TAS300 Type J1		
FFU	ULPA 99.99995% at 0.1 ~ 0.2μm		
Carrier ID	RFID, Barcode Optional		
Wafer ID Code	SEMI - T7, M12, M13, M1.15		
Power Supply Voltage	Single Phase 220V, 50Hz, 3kVA		
Compressed Air	0.4 ~ 0.6 MPa, 90 L/min	0.4 ~ 0.6 MPa, 110 L/min	0.4 ~ 0.6 MPa, 140 L/min
Vacuum	-80 ~ -70 kPa, 25 L/min	-80 ~ -70 kPa, 35 L/min	-80 ~ -70 kPa, 45 L/min

Product Layout

