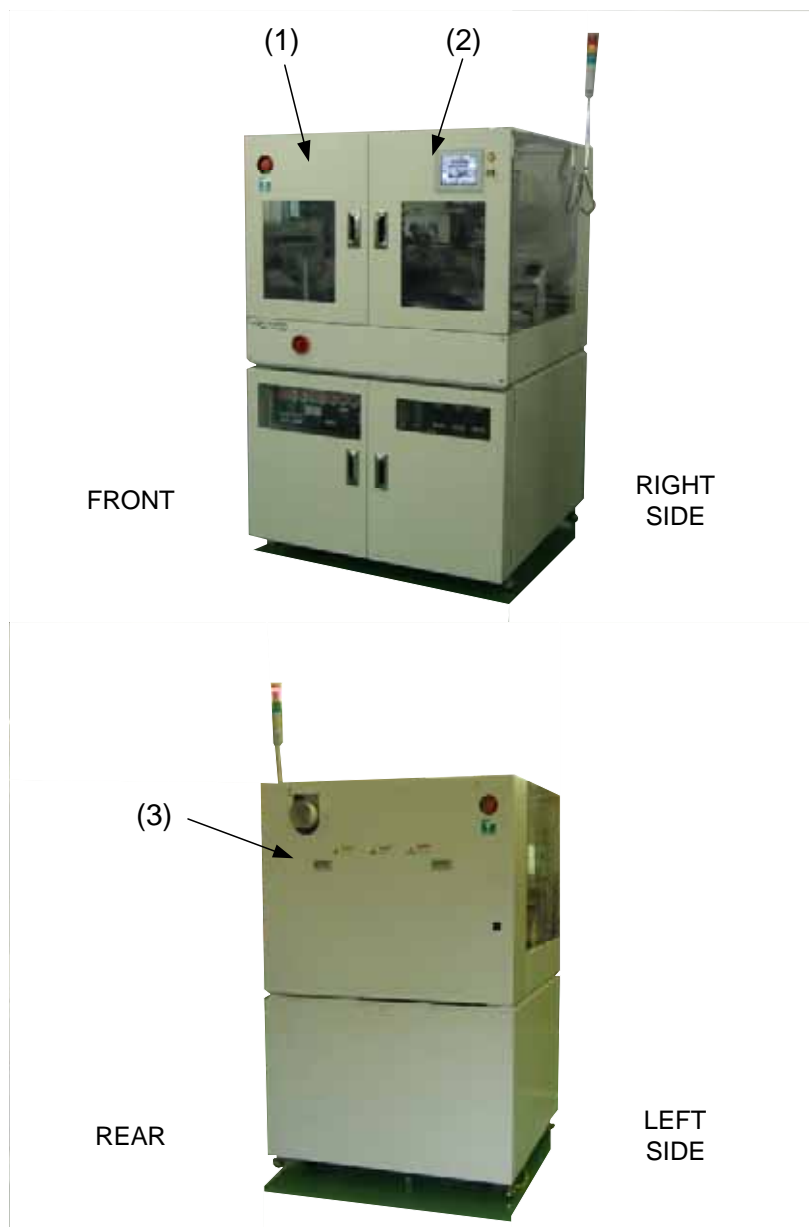


1.4 Safety function

1.4.1 Safety interlocks

Safety interlocks are equipped with the covers (1) - (3).



When the one of the covers is opened during auto operation, the machine stops promptly.



<To restart auto operation>

- (1) Close the covers (1)-(3).
- (2) Press [RESET] key on MAIN SCREEN.
- (3) Press [START] key on MAIN SCREEN.

1.4.2 Protective covers

| | |
|---|---|
|  | <div data-bbox="783 241 858 309"></div> <div data-bbox="874 248 1098 300">WARNING</div> <p>The protective covers are necessary to operate the machine safely. Attach all the protective covers before starting the machine. If the protective covers are not attached, call the maintenance engineers.</p> <p>Failure to observe the warning could cause of serious injuries to human body and damage/performance decrement of the equipment.</p> |
|---|---|

1.5 EMO switches

(A) Objective of the EMO switch:

EMO switch is to stop the machine promptly in an emergency. Do not press the switch to stop or turn off the machine power.

(B) EMO switches on the machine:



(C) Pressing the EMO switch

- Power to the hazardous voltage lines* is cut off except the control box.
- Each operating part stops promptly.
- Vacuumed parts are released.

(*) The hazardous voltage: AC42.4V / DC60V or more



Note: Cannot restart auto operation in emergency stop state.

(D) Recovery from the emergency stop state

<To restart auto operation>

- (1) Remove materials, such as wafers and tools left in the machine.
- (2) Pull the EMO switch to recover from the emergency stop state
- (3) Perform 4.1 Power on and 4.3 Auto operation stop/restart in the Operation manual.

1.6 Precautions

| | |
|---|---|
|  |  WARNING |
| | <p>Observe the warnings shown below strictly. Failure to observe the warning could cause of serious injuries to human body and damage/performance decrement of the equipment.</p> |

- Avoid the use of the machine except the environment shown in the specification sheet.
- Avoid the removal of the protective covers except for maintenance and service.
- Do not supply the electrical power and dry air not shown in the specification sheet.
- Do not use the wafer not shown in the specification sheet.
- Do not let the untrained person operate the machine.
- Conduct periodic inspections and maintenances of the machine.
- Do not perform any modification of the machine without permission of NITTO SEIKI Co., Ltd.
- Do not climb the machine or put objects on the machine.
- Observe the warnings and cautions in the instruction manual.