

# INCUBATOR

Installed automated transport with accurate temperature management system  
For single plate processing



## Outline

This equipment is designed for the purpose to keep Shallow Plate (WORK) under strict temperature control. The shelves are fixed, and any temperature as you are setting can be strictly controlled in the storage.

Also it is possible to interface for robot transportation system from the place taking WORK in and out (PORT). The WORK putting on the PORT is carried to any shelves and taken out by clean robot at random in the equipment.

Bar Code Reader (BCR) installed in the equipment can keep controlling WORK sticking bar code including the storage and taking in and out.

It is possible to take WORK in and out in both manually (MANUAL) and automatically(AUTO) through BCR appoints the place of WORK and the number of the shelf.

Items	Specification
Target / Max. No. of Storage	Shallow Plate with sealing cap / 350 pieces max
Transportation Carrying Time	Single plate processing Max.25 seconds/plate(From Load port to the shelf)
Range of Temperature	4°C~25°C(±1.0°C)
Accuracy of Control	20°C(±1.0°C)
Humidity	This is controlled according to the temperature.
Transportation Pattern	2 kinds (Load / Unload) *Random access due to number of shelf appointment *Random access due to Bar Code management
BCR	No. of shelf and ID are controlled one to one from the data read by BCR. *It is memorized per 1 WORK unit. *Reading starts at the time of loading
Power Supply	Voltage: single phase 1 φ 100V 20A (Control part) 1 φ 100V 25A (Cooling unit part) Capacity: 45A Connection: Terminal base (lower part of the equipment)
Drain( for dew drop)	Automatic evaporation unit installed (lower part of the equipment)