

Products for Industry

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Double Chamber Incubator
(Natural Convection & Low
Temp.)

INC820

Item Code : 211210
Model : INC820

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Double Chamber Incubator (Natural Convection & Low Temp.) (INC820)

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Product Summary

High-temp. and Low-temp. incubations can be carried out in each chamber individually in 1 unit

Features of Double Chamber Incubator (Natural Convection & Low Temp.) (INC820)

Inverter control incubator

The upper chamber is fixed-temp. incubator with timer function and overheat protector, and the lower chamber is programmable low temp. incubator.

Feature

The lower chamber is equipped with cycle/manual defrost function.

Feature

Equipped with self-diagnostic function, key-lock, ELB for overcurrent, overheat protector

Feature

Each chamber is equipped with door lock key (2pcs. each)

Specifications

Specifications

Item Code	211210
Model	INC820
System (Upper Chamber)	Natural convection, Air jacket
Operating Temp. Range(Upper Chamber)	Room temp. +5°C~80°C
Temp. Adjustment Accuracy (Upper Chamber)	±0.5°C (at 37°C)
Temp. Distribution Accuracy (Upper Chamber)	±1°C (at 37°C)
Interior	Stainless Steel
Heater (Upper Chamber)	Ferrochrome Heater
Heat Insulation Material (Upper Chamber)	Glass Wool
Heater Power (Upper Chamber)	400W
Cable Port (Upper Chamber)	30mm ID (Right side from the front)
Exhaust Port (Upper Chamber)	30mm (with Damper) , 2 ports on the top
Controller (Upper Chamber)	VS3 Type, Fixed operation temperature controller
Operation Function (Upper Chamber)	Fixed temp., Quick auto stop, Auto stop, Auto start operation
Internal Dimensions (Upper Chamber)	600×530×500mm
Internal Capacity (Upper Chamber)	150L
Shelf Step/ Pitch (Upper Chamber)	13 steps / 30mm
Standard Shelf / Support (Upper Chamber)	2 shelves/4 supports
System (Lower Chamber)	Forced convection
Operating Temp. Range(Lower Chamber)	4°C~50°C
Temp. Adjustment Accuracy (Lower Chamber)	±0.3°C (at continuous refrigeration)
Temp. Distribution Accuracy (Lower Chamber)	±1°C (at continuous refrigeration)
Interior	Stainless Steel
Heater (Lower Chamber)	Ferrochrome Heater
Heat Insulation Material (Lower Chamber)	Styrene foam (Non-freon)
Heater Power (Lower Chamber)	550W
Blower (Lower Chamber)	Axial fan
Refrigerator (Lower Chamber)	Air cooling, 250W
Refrigerant (Lower Chamber)	R404A
Defrost Operation (Lower Chamber)	Manual / Cycle
Cable Port (Lower Chamber)	30mm ID (Right side from the front)
Controller (Lower Chamber)	VS4 Type Program operation temp. controller
Operation Function (Lower Chamber)	Program operation(30 steps ×1、 15 steps×2、 10 steps×3), Fixed temp. operation, Quick auto stop, Auto stop, Auto start
Safety Device (Lower Chamber)	Self-diagnostic functions(Temp. sensor error, Heater disconnection, SSR short-circuit, Main relay error, Automatic overheat prevention), Key-lock, Over current ELB, Overheat preventive device
Interior (Lower Chamber)	600×477×500mm

Internal Capacity	143L
Shelf support step number/pitch	13 steps / 30mm
Shelf / Support	3 shelves / 6 pcs.
Sensor	Pt100Q
Option	RS485 Terminal, Recorder contact terminal, Alarm terminal
Shelf Loading Capacity	Approx. 15kg/ shelf
Door Key	1 pc. each
External dimensions (W×D×H mm)	710×656×1792mm
Power Source	AC115/220V Single phase
Weight	160kg

Maintenance and warranty

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)

External dimensions do not include protrusions.

Optional items

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NO IMAGE

External communication
function (RS485) (ODK19)

NO IMAGE

External communication
adapter (281126)



Stainless steel punching metal
shelf (1 shelf with 2 supports)
(IN81800)

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