

Products for Industry

› Scientific and Industrial equipment › Incubator

Double Chamber Incubator (Low Temp.)

IQ822

Item Code : 211309

Model : IQ822

[Page Top](#)

[Product Summary](#)

[Specifications](#)

[Optional items](#)



IQ822

Double Chamber Incubator (Low Temp.) (IQ822)

[Contact Us](#)

[printing](#)

Product Summary

Double Chamber Low Temperature Incubator and each chamber is programmable individually

Features of Double Chamber Incubator (Low Temp.) (IQ822)

Double Chamber Low Temperature Incubator

Control panel on the door makes operation easier.

Feature

Six programs can be registered from 30 to 10 steps according to specific tests including incubation - storage process.

Feature

Simple pressing of the special button allows setting of the manual defrosting operation in addition to cycle defrosting operation (Fixed).

Feature

Large cable port of I.D. 50 mm on each chamber

Feature

Comprehensive safety functions including self diagnostic function, Key lock function, electric leakage breaker with over current protection, overheat preventive device.

Specifications

Specifications

Item Code	211309
Model	IQ822
System	Forced Convection
Operating Temperature Range	-10~50°C
Temperature Adjustment Accuracy	±0.3°C(at 37°C during continuous refrigeration for both upper and lower chamber)
Temperature Distribution Accuracy	±1.0°C(at 37°C during continuous refrigeration for both upper and lower chamber)
Time to reach the Max. Temp.	20~50°C : Approx. 25min.
Time to reach the Lowest Temp.	20~-10°C : Approx. 45min.
Interior	Stainless steel
Exterior	Chrome-free electronic galvanized plated steel plate chemical-proof baking finish
Refrigerator	Air cooling and all-closed type reciprocation 250W × 2
Refrigerant	R404A
Heat Insulation Material	Stylene foam (non-freon)
Freezer	200W rotary unit
Refrigerant	R134a 350g
Defrost operation	Manual defrost (Manual ON/ Auto OFF), Cycle Defrost
Heater	Iron-chrome wire heater 550W×2
Sensor	Pt100Q(Temperature controller), K-thermocouple(Overheat prevention device)
Cable Port	50mm ID (Right side from the front for upper and lower chamber)
Temperature Control	PID
Temperature Setting	Digital setting method by ▲▼ key with the dedicated select key
Temperature Display	Setting temperature: Green LED digital display, Actual temperature: 4-digit red LED digital display
Timer	1min.~99hrs. 59min. or 100~999hrs. 50min. (Timer wait function)
Operation Function	Fixed, program(Max. 30 steps, 3 pattern) Auto start, Auto stop、クイックオートストップ
Additional Functions	Calibration off-set function, Blackout recovery function
Safety Functions	Self-diagnostic functions (Memory error, Abnormal temp. sensor, heater disconnection, SSR short circuit, Automatic overheat preventive function), Key lock, Over-current ELB, Overheat preventor
Shelf Loading Capacity	15kg / shelf
Shelf Step / Pitch	13 steps ×2 chambers / 30mm
Shelf / Support	Stainless punching metal, 3 shelves × 2 chambers / 6pcs.× 2 chambers
Door Lock Key	1 pc. each
Internal dimensions (W×D×H mm)	600×477×500mm
External dimensions (W×D×H mm)	710×645×1675mm

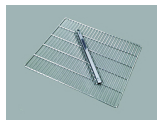
Remarks(dimensions)	143L x 2 chambers
Power Source	AC115/220V Single-phase with step down transformer
Weight	165kg

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



Stainless steel wire shelf (1 shelf with 2 supports) (for incubator)

NO IMAGE

Temperature output terminal (4-20mA) (For IQ822C)

NO IMAGE

Time-up output terminal (For IQ822C)