

Low Temperature Incubator (Programmable, Peltier Cooling)IJ101

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(Programmable, Peltier Cooling)**IJ101**

Item Code : 221164

Model : IJ101

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From left side IJ101 IJ201 IJ300

**Low Temperature Incubator (Programmable,
Peltier Cooling) (IJ101)**[Contact Us](#)[printing](#)**Product Summary****Fixed Temp. Incubator from small to large capacity, high functional and best-selling for long years****Features of Low Temperature Incubator (Programmable, Peltier Cooling) (IJ101)****Highly functional fixed temp. incubator with varying capacity.**

A compact model ideal for preserving samples and for constant temperature testing

Feature

A CFC-free, low-vibration model with a cooler equipped with peltier elements

Feature

Uses a programmable temperature controller (IJ201/300)

Feature

Has a convenient pre-reset temperature function (as an option)

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Two units can be stacked by the stacking support (Option)

Feature

The IJ101W observation window uses environmentally friendly glass made from combination of energy-saving pair glass and half-tempered glass, which prevents wasteful heat loss

Feature

A sliding mounting table can be provided with the IJ300 model (as an option) for convenience when setting a microshaker inside and when adding / removing samples. The service outlet on the side of the unit does not require any wiring. A shaker cannot be set in the IJ101W model.

Feature

Safety has been enhanced with the addition of a self-diagnostic function, an overheat prevention device and an over-current circuit breaker.

Specifications

Specifications

Item Code	221164
Model	IJ101
Type	Forced convection
Operating Temperature Range	5~60°C (at room temp.25°C)
Temp. Control Accuracy	±0.3°C (at 37°C)
Temp. Distribution Accuracy	±1.0°C (at 37°C)
Time to Max. Temp.	20~60°C 60min.
Time to Lowest Temp.	20~0°C 100min.
Interior	Stainless steel
Exterior	Chrome free electronic galvanized plated steel plate chemical proof baking finish
Heat Insulator	Urethane foam
Heater	Mica heater 120W
Condenser	Peltier element, Forced radiation type
Temp. Control Method	PID
Operation Function	Program operation (30 steps x 1, 15 steps x 2, 10 steps x 3), Fixed operation, Quick auto-stop, Auto-stop, Auto-start operation
Additional Functions	Calibration off-set, Key-lock function, Auto recovery function at power failure
Sensor	Double sensor: Platinum resistance Pt 100Ω (Temp. controller), K-thermocouple(Overheat preventor)
Safety Functions	Self-diagnostic function(Temp. sensor error, heater failure, SSR short-circuit, Auto overheat), Overheat prevention(IJ201/301), Liquid pressure overheat preventor, Over-current ELB, Main relay error
Shelf Loading Capacity	Approx. 15kg/ shelf
Shelf Step	7 steps
Accessories	Shelf(Stainless punching metal) 2pcs., Shelf support 4 pcs., Receiver for drain 1pc.
Internal dimensions (W×D×H mm)	250×250×250mm

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Power Source			AC100/220V single phase with step-down transformer	
Weight			20kg	

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



Supports
(For IJ101W)
(For IJ100/101W)

NO IMAGE

Air jacket (for both IJ101 and IJ101W)

NO IMAGE

Stacking support (OIJ22 (for IJ100/100W))

NO IMAGE

External communication terminal (RS485) (I)

Same series products



Low Temperature Incubator
(Programmable, Peltier Cooling)
(IJ101W)



Low Temperature Incubator
(Programmable, Peltier Cooling)
(IJ201)



Low Temperature Incubator
(Programmable, Peltier Cooling)
(IJ300)