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Low Temperature Incubator
(Programmable, Air Jacket)

ILE800

Item Code : 211144

Model : ILE800

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Low Temperature Incubator (Programmable, Air Jacket) (ILE800)

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Product Summary

Constant Low Temperature Incubator of Multi-function and Air Jacket

Features of Low Temperature Incubator (Programmable, Air Jacket) (ILE800)

Features

Input duplication or error is avoided, adopting an interactive key input system.

99 step programming is available. weight function guarantees the time of treatment.

The R134a is adopted as a medium for freezer, coping with the regulation of specific Freon.

Safety measures are enriched, including self diagnosis function.

Possible to bring a cable into the incubator.

Specifications

Specifications

Item Code	211144
Model	ILE800
Circulation method	Natural convection by air jacket
Operating temperature range	0 to 60deg.C
Temp. control accuracy	±0.3deg.C (when refrigerator is in the continuous operation) ±1.0deg.C (when refrigerator is in the cycle operation)
Temp. distribution accuracy	±1.0deg.C (when refrigerator is in the continuous operation at 37deg.C)
Interior Material	Stainless steel
Exterior Material	Cold rolled steel plate with baked-on melamine resin finish
Inner door	5mm thick reinforced glass
Heat insulating material	Styro-form (non-freon)
Refrigerator (medium : R-134a)	Air cooling enclose type, 300W
Defrosting mechanism	Hot gas bypass system Manual ON/OFF, Timer operation, Cycle operation
Heater	Iron-chrome wire heater, 800W
Overheat prevention	Electronic stand alone type
Door key	1 pc
Cable hole	50mm I.D.
Temp. controller	PID control by micro processor
Temp. setting method	Digital setting with key
Temp display method	Digital display green LED
Timer / Min. division	1 min. to 99 Hrs. 59 min. and 100 Hrs. to 999 Hrs / 1 min. or 1 Hrs.
Operation function	Fixed temperature operation, Auto-start/Auto-stop operation, Program operation:You can make patterns within the program memory capacity, 99 step (Repeat, Ramp operation, Quick auto-stop)
Fan	Axial fan, 14/13W (50/60 Hz)×2
Heater circuit control	Triac zero-cross control
Temp. sensor	Double sensor: Platinum resistance temperature detector :Pt100Ω(temperature controller), K-thermocouple (overheat preventive device)
Safe Device	Self diagnosis functions (Automatic overheat prevention, Temperature sensor trouble, heater disconnection, Min relay malfunction, Refrigerator trouble, Communication trouble, Timer trouble, Triac short circuit), Circuit breaker, Alarm buzzer
Internal dimensions (W×D×H mm)	600×530×1000mm
External dimensions (W×D×H mm)	785×650×1765mm
Power Source	AC220V 6.6A Single-phase with step down transformer
Weight	150kg

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

