

Products for Industry

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Low Temperature Incubator
(Programmable)

IN604

Item Code : 00
Model : IN604

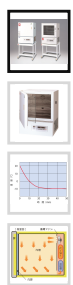
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Low Temperature Incubator (Programmable) (IN604)

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Product Summary

Best selling incubator for low temperature tests and environmental tests

Features of Low Temperature Incubator (Programmable) (IN604)

Standard low temperature incubator

Available for wide variety of applications from various constant temperature tests to environmental tests

Feature

Forced circulation with a fan enables high accuracy temperature control and even temperature distribution

Feature

Employment of a large dual-glass door which, with the inner door, forms a triplex glass to improve temperature heat retention(IN604W)

Feature

A convenient slide shaker table (optional) is available to make taking out/putting in samples easier (IN604W)

Feature

Room light to make inside the unit easily visible as standard(10W fluorescent lamp, IN604W)

Feature

The glass inner door keeps temperature changes during observation samples minimum

Feature

Employs coolant R404A that complies with Freon regulations

Specifications

Specifications

Item Code	00
Model	IN604
System	Forced air convection
Operating Temperature Range	-10~50°C
Temperature Adjustment Accuracy	±0.3°C (when refrigerator in continuous operation), ±1.0°C (when refrigerator cycle operation)
Temperature Distribution Accuracy	±1.0°C (at 37°C)
Max. Temperature Reaching Time	20~50°C approx. 30min.
Lowest Temperature Reaching Time	20~-10°C approx. 65min.
Interior	Stainless Steel
Exterior	Chrome-free electronic galvanized plated steel plate chemical-proof baking finish
Heat Insulation Material	Stylene foam (non-freon)
Refrigerator	Air-cooled fully closed compressor 300W
Refrigerator Medium	R404a
Defrosting Mechanism	Manual ON / Auto OFF, Timer operation, Cycle operation
Blower	Axial fan
Heater	Iron-chrome wire heater 750W
Sensor	Double sensor:Pt. resistance temperature detector, Pt100Ω(Temperature controller), K-thermocouple(Overheat prevention device)
Cable Port	32mm ID (Right side from the front)
Temperature Control	PID
Temperature Setting	Digital setting with▲▼ key
Temperature Display	Measured temperature: 4-digit orange LED digital display+ VFD fluorescent display
Timer/Timer Resolution	0~999 hrs. 59min. / 1min.
Operation Function	Fixed operation, Program operation, Auto stop, Auto start
Additional Function	Timer function (accumulated time to 49,999 hrs.) , Calibration off-set function, Clock display
Safety Device	Self-diagnostic functions(Temperature sensor error, Heater disconnection, SSR short-circuit, Main relay error, Automatic overheat prevention), Key-lock, Over current ELB, Overheat preventive device
Shelf Loading Capacity	15kg/shelf
Shelf support step number	13 steps

Shelf support pitch	30mm
Shelf / Support	Stainless punching metal 3 shelves / 6 supports
Room Light / Service Outlet	-
Program Mode	Up to 32 steps, Repeat, Gradient operation
Door Key	-
Internal dimensions (W×D×H mm)	600×477×500mm
External dimensions (W×D×H mm)	710×645×913mm
Remarks(dimensions)	143L
Power Source	AC220V 5A
Weight	89kg

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



Same series products

