

## Incubator

Model IC100/100W



This is a low cost, compact, desktop incubator that is easy to use.

- The IC100W incorporates a large observation window for greater visual confirmation capabilities. In addition, the IC100W features a sliding-type tray (optional accessory) to hold the shaker which is convenient for mounting the micro-shaker and inserting/extracting samples.

IC100/100W

## Specifications

Model	IC100	IC100W
Method	Natural convection by air jacket	
Temperature control range (*1)	Room temp. +5deg.C to 60deg.C	
Temp. adjustment accuracy (*1)	±0.5deg.C (at 37deg.C)	
Temp. distribution accuracy (*1)	±1deg.C (at 37deg.C)	±1.5deg.C (at 37deg.C)
Time required to reach highest temp. (*1)	Approx. 40min	
Inner dimensions	350W×300D×300H mm	
External material	Steel plate with zinc electroplating, Melamine resin coating	
External dimensions	410W×360D×520H mm	
Door	Slim type integrated door, magnet-fixing method	
Observation window	None	290W×240Hmm, dual semi-tempered glass
Fan motor for air jacket circulation	Axial fan	
Heater	Stainless heater 150W	
Temperature control system	PID control by microprocessor	
Temperature setting system	Digital setting	
Temperature display system	Digital display	
Timer function	Auto stop/Auto start	
Timer resolution	1 minute (0h00m to 99h59m)	
Temperature sensor	K-thermocouple	
Self-diagnostic functions	Temperature sensor failure, Heater disconnection, Internal memory error, Automatic overheating prevention	
Service receptacle	None	100V AC 3Psocket, max. 2A
Power source 50/60Hz	100V AC 6A / 220V AC 4A	
Capacity	Approx. 31.5L	
Weight	Approx. 16Kg	Approx. 17Kg
Accessories	2 shelves, Instruction manual	
Optional accessories	Installation stand for shaker with slide rail (for IC100W), Extra shelf set, Piling bracket	

\*1: The value under the condition of the ambient temperature of 23deg.C, and without load.

\*2: The projection is not included.

The usable ambient temperature of the unit is from 5deg.C to 35deg.C, humidity of 65%±20%.