

Large-sized Cooled Incubator

ILD series

Large-sized cooled incubators with two types available; one is a forced circulation to emphasize temperature distribution performance, the other is a natural convection windlessness to prevent the samples from contaminating and drying.



ILD-110HG



ILD-150/150C



ILD-100HGC

A large and wide structure with low temperature from 3°C

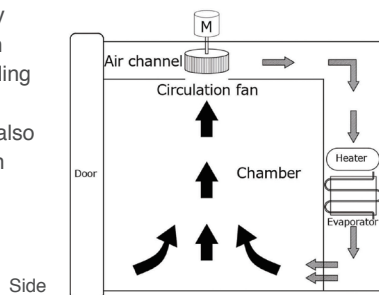
Achieves both large capacity and precise low temperature control. You can load longitudinal items and a large amount of the petri dishes thanks to no intermediate pillar.

A controller with program function

One (1) memory and up to eight (8) step operation programs can be set in addition to the constant value operation.

A forced circulation type (wind circulation) (ILD-110HG, ILD-120, and ILD-150)

A slight wind is constantly circulated by a circulation fan in the chamber, enabling highly responsive temperature control and also suppressing differential in temperature distribution.



A double door is adopted, except for ILD-110HG

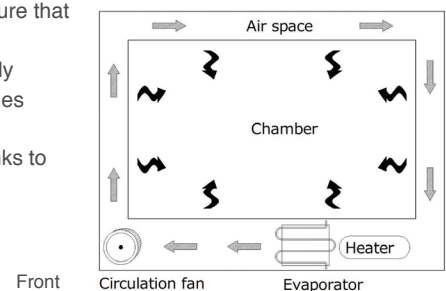
Equipped with an inner door allowing you to monitor inside the chamber without opening the door prevents the chamber temperature from fluctuating when taking in and out the samples.

Model ILD-100HG with monitoring window and lighting

A monitoring window on the outer door and fluorescent light inside the chamber allow you to observe the samples with the door closed.

Air jacket structure/Natural convection (Windlessness) (ILD-100HGC, ILD-120C, ILD-150C)

An air jacket structure that does not cool the chamber directly prevents the samples from drying and contaminating thanks to natural convection windlessness.



MODEL	ILD-110HG	ILD-120	ILD-150	ILD-100HGC	ILD-120C	ILD-150C
Inner dim. WxDxH/ Cap.	1000×600×1060mm/636L	1200×600×900mm/648L	1500×600×1000mm/900L	1000×600×1000mm/600L	1200×600×900mm/648L	1500×600×1000mm/900L
Outer dim. WxDxH/Weight	1120×780×1730mm/220kg	1400×850×1720mm/270kg	1700×850×1820mm/340kg	1200×790×1760mm/225kg	1400×790×1770mm/270kg	1700×790×1870mm/340kg
Temperature range	3°C-50°C					
Temp. distribution accuracy	±1.0°C (at 20°C)*			±1.5°C (at 20°C)*		
Circulating system	Forced convection (Wind circulation)			Natural convection (Windlessness)		
Program operation	1 memory, Max.8 steps					
Outer door/Inner door	Double doors/No door	Double doors/Double doors				
Sensor port	Φ46mmx1 Front left side			Φ46mmx1 Back side		
Refrigerator	Air-cooled condenser Refrigerant: Hydrofluorocarbon (HFC) R134a					
Refrigerator output	200W	200W	300W	200W	200W	300W
Safety devices	Overheat prevention device, Independent overheat prevention device, Sensor disconnection detection Heater disconnection detection, Thermal relay for fan motor, Leakage breaker					
Power demand/Current	AC 220/230/240V, 6A/5A/5A	AC 220/230/240V, 6A/6A/5A	AC 220/230/240V, 7A/7A/6A	AC 220/230/240V, 6A/6A/5A	AC 220/230/240V, 5A/5A/5A	AC 220/230/240V, 7A/6A/6A
Shelves (max. load)	4 pcs. (15kg/pc.)	3 pcs. (30kg/pc.)	3 pcs. (50kg/pc.)	4 pcs. (15kg/pc.)	3 pcs. (30kg/pc.)	3 pcs. (50kg/pc.)

•Please specify the voltage when you order. •Specifications subject to change without notice for improvement.
* Measured at center inside chamber & 3 points upper, middle and lower parts, no load.