

ICL300A/300B/310A/310B have been discontinued.



Small incubator for easy incubation or keeping temperature of specimen by installing under a clean bench or a laboratory table.

Operating temp. range
Room temp.+5 to 70 deg.C
Temp. distribution accuracy
+/-1.0 deg.C (at 37 deg.C)
Internal capacity
34.7L

- A vertical open door allows easy setting or taking out baskets without even having to stand up off the chair.
- Shelves may be increased up to five to cope with increase in amount of specimen. (Two shelves are included as standard, additional shelves are optional.)
- Easy to operate digital setting display, which has employed a controller with the timer operation function.
- There are two compact models, desktop type ICL300A/310A that can be used on a laboratory table and ICL300B/310B for use by installing in a laboratory table.
- A multi power source has been employed: ICL300A/B for 100 to 120V and ICL310A/B for 200 to 240V.

■ Specifications

Product code	221142	221143	221162	221163
Model	ICL300A	ICL300B	ICL310A	ICL310B
Type	Desktop type	Installation type	Desktop type	Installation type
System	Internal chamber wall heating natural convection system			
Performance*1				
Operating temp. range	Room temp. + 5 to 70 deg.C			
Temp. adjustment accuracy	+/-0.5 deg.C (at 37 deg.C)			
Temp. distribution accuracy	+/-1.0 deg.C (at 37 deg.C)			
Configuration				
Internal material	Stainless steel plate			
External material	Chrome free galvanized steel plate			
Heat insulator	Glass wool			
Door	Front opening system			
Shelf	2 as standard, Deep punching shelf board with a pull-handle (height: 25 mm)			
Number of shelves	Five at 50 mm pitch			
Packing	Magnet packing			
Heater	120V 145W		240V 180W	
Leg	Rubber leg	Caster wheels	Rubber leg	Caster wheels
Controller				
Temp. control system	PID control with a micro computer			
Temp. setting system	Digital setting display			
Operation function	Fixed operation & timer operation (quick auto stop, auto stop, auto start)			
Control sensor	K-thermocouple			
Function				
Safety functions	Over current electric leakage breaker, automatic overheat prevention function, bimetal overheat preventive device (manual reset)			
Standards				
Chamber internal dimensions and capacity	350 x 300 x 330mm (W x D x H), 34.7L			
External dimensions*2	450 x 400 x 600mm (W x D x H)			
Power source	Multi power source AC100 to 120V, 1.2A (6A)		Multi power source, single phase AC200 to 240V, 0.8A (10A)	
Weight	Approx. 22kg			

*1 Condition: Temperature and humidity 23 deg.C+/-5 deg.C; 65%RH+/-20 % (no-load).

*2 External dimensions do not include protrusions.

About multi power source:

The product has a function to determine an optimal PID control and heater operation amount according to a different voltage by simple setting on the controller. When you want to use the product in Japan and overseas, first confirm the power source is 100 to 120V (ICL300) or 200 to 240V (ICL310) and select the correct model. Note that the power plug of the product is for Japan and you need to prepare an appropriate plug by yourself if you are going to use it overseas.

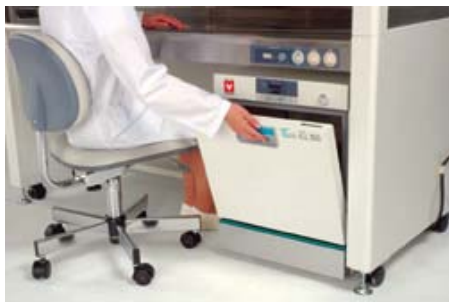
■ Control panel



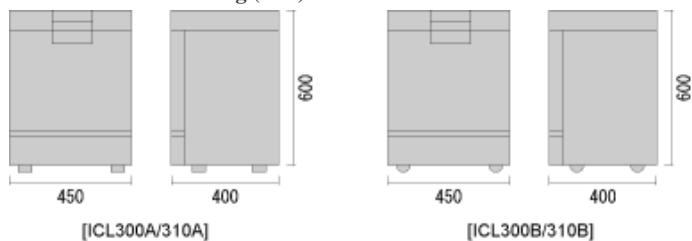
■ Internal view



■ Installation example of clean bench



■ Dimensional drawing (mm)



■ Optional items

Description	Model No.	Product Code
ICL300/310 shelf set	ICL Series	281526