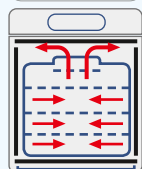




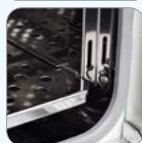
Alarm System

Buzzer to alarm low or high deviation of CO₂, Temperature.



Gentle Air and Moisture Convection

Natural Air and Moisture Convection, Air and Moisture in chamber are distributed gently by 6-side heating and air circulation fan.



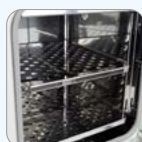
Easy to clean

Rounded corner allows easy cleaning. The entire chamber is made of stainless steel (SUS304)



Over Heating Limit

Heating is automatically cut by safety device when temperature control fails or there is excessive heating over set point.



Perforated Shelves

Perforated shelves are good for natural air flows and are made of stainless steel which is resistant to rust and contamination.



No Condensation

Heating by front door heater & frame heater prevents condensation in the chamber and on the glass door.



Microprocessor PID Control

Intelligence Control for CO₂ density, Temperature, Alarm, Automatic Decontamination (Optional).



HEPA filtration of the chamber

Options

Customize your incubator with these options



Access port

30mm Access Port is available at left side. (Upon ordering and additional charge)



UV sterilization

4W UV is placed on the chamber ceiling and beside the circulation fan. The UV light cannot reach sample and sterilization is operated during culturing.



125°C

Maximum 125°C dry hot air sterilization
No need to remove IR CO₂ sensor



Monitoring System

Analog connection port has been designed to observe the status of equipments in real time even in the far distance.



Reduce gas consumption and heat loss, enabling faster recovery—ideal for various samples
5 Split Door for WCI-40
6 Split Door for WCI-180

Model		WCI-180	WCI-260	WCI-650	WCI-850	WCI-1200
Order No.	Standard	W6011180	W6011260	W6011650	W6011850	W6011122
	Sterilization	W6012180	W6012260	W6012650	W6012850	-
Chamber volume [L]		180	260	650	850	1200
Temperature Stability [°C]		±0.1 (37°C)	±0.1 (37°C)	±0.1 (37°C)	±0.1 (37°C)	±0.5 (37°C)
Temp. Uniformity [°C]		±0.3 (37°C / RT.20°C)	±0.4 (37°C / RT.20°C)	±0.5 (37°C / RT.20°C)	±0.5 (37°C / RT.20°C)	±0.5 (37°C / RT.20°C)
Heating Capacity [W]		320	610	1100	1400	1600
CO ₂ Inlet pressure range [bar]		0.3~0.5	0.6~0.7	0.7~1.0	0.7~1.0	0.7~1.0
Number of shelves		3/8	3/8	3/15	3/15	0/15
Chamber dimension [WxDxH] mm		528x473x710	590x530x900	700x650x1430	700x800x1530	868x720x1927
Overall dimension [WxDxH] mm		560x620x945	630x680x1125	820x780x1740	820x930x1840	990x855x2123
Weight [kg]		80	115	230	260	323

Peltier-cooled CO₂ Incubator

This CO₂ incubator series integrates heating and Peltier cooling systems, representing an advancement in environmentally friendly and energy-efficient temperature management technologies. These innovations ensure exceptional control accuracy with minimal fluctuations

Specifications

Temp. Range:	+20~60°C
Temp. Resolution:	0.1°C
Dry Heat:	Up to 125°C
Temp. Control:	Digital PID
CO ₂ Range:	0% ~ 20%
CO ₂ Accuracy:	±0.1% (5% / 37°C)
CO ₂ Resolution:	0.1%
CO ₂ Sensor:	IR CO ₂ Sensor
Display:	LED Display
IP code:	IP20
Operating panel:	Individual 2-Channel Touch Button
Jacket type:	Dry Wall Type (6 sides heat)
Chamber material:	Stainless Steel (304)



Model		WCI-40P	WCI-120P	WCI-180P
Order No.	Standard	W6013040	W6013120	W6013180
	Sterilization	W6014040	W6014120	W6014180
Chamber volume [L]		40	120	180
Temperature Stability [°C]		±0.1 (37°C)	±0.1 (37°C)	±0.1 (37°C)
Temp. Uniformity [°C]		±0.3 (37°C / RT.20°C)	±0.3 (37°C / RT.20°C)	±0.3 (37°C / RT.20°C)
Heating Capacity [W]		320	320	320
CO ₂ Inlet pressure range [bar]		0.3~0.5	0.3~0.5	0.3~0.5
Number of shelves		2/4	3/8	3/8
Chamber dimension [WxDxH] mm		320x350x375	480x470x520	528x473x710
Overall dimension [WxDxH] mm		420x520x570	580x560x765	560x680x945
Weight (kg)		46	82	88
Model		WCI-260P	WCI-650P	WCI-850P
Order No.	Standard	W6013260	W6013650	W6013850
Chamber volume [L]		260	650	850
Temperature Stability [°C]		±0.1 (37°C)	±0.1 (37°C)	±0.1 (37°C)
Temp. Uniformity		±0.4 (37°C / RT.20°C)	±0.5 (37°C / RT.20°C)	±0.5 (37°C / RT.20°C)
Heating Capacity [W]		610	1100	1400
CO ₂ Inlet pressure range [bar]		0.6~0.7	0.7~1.0	0.7~1.0
Number of shelves		3/8	3/15	3/15
Chamber dimension [WxDxH] mm		590x530x900	700x650x1430	700x800x1530
Overall dimension [WxDxH] mm		630x760x1125	820x860x1740	820x930x1840
Weight [kg]		125	260	296



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