

Heating Incubator

INC-FG Series Forced Convection

Laboratory Heating Incubator is designed to accommodate an ample range of laboratory applications and lends a contamination-free environment for cell and tissue cultures. These incubators serve the purpose for most biological analysis, research, general laboratory applications, biochemical studies, bacteriology, and hematological studies.



INC-FG Series



U disk printing controller (Optional)

- ❖ Simultaneously control and connect micro-printer, U disk, remote communication
- ❖ Automatically identify printer, U disk, communication failure alarm
- ❖ Real-time data record
- ❖ Can be matched with any communication product of our company



**4.3" Touch Screen Data Storage, Data Export to USB Flash Drive
(Inbuilt in Machine Optional)**

- ❖ High resolution touch screen, aesthetic and elegant interface, multiple sets of data displayed on one screen, easy to operate,
- ❖ Intelligent fuzzy PID control, shorter time to achieve set value, better temperature control accuracy, can be extended to multi-segments programmable control
- ❖ Multipoint temperature correction function;
- ❖ Three-level permission management function for FDA requirements
- ❖ Have the function of appointment running, timing and power-off memory
- ❖ The controller has screen locking function to avoid migration;

Model	INC-FG20	INC-FG30	INC-FG45	INC-FG65	INC-FG80	INC-FG100	INC-FG125
Capacity in Liters	20	30	45	65	80	100	125
Temperature range	Ambient +5°C to 70°C						
Temperature accuracy	±1.0°C						
Temperature resolution	0.1°C						
Temperature Uniformity	±1.0°C						
Control display	LCD						
Ambient temperature	+5~40°C						
Timer Range	1-9999 min/hour						
Voltage (V)	220V/50HZ						
Heating power (Watt)	100	150	250	500	500	500	800
Chamber size (WDH)	260×260×300	310×310×310	350×350×370	360×400×450	420×450×430	450×450×500	450×480×580
Exterior dimensions	360×360×550	410×410×560	450×450×620	460×500×700	520×550×680	550×550×750	550×550×830

Customized size for INC-FG Series (150 Liter to 1000 Liter)

Heating Incubator INC-V Series

Features

- ❖ Unique air duct design, and good temperature uniformity.
- ❖ Microprocessor controller (with temperature correction and timing function)
- ❖ Large LCD screen display.

Technical Parameters:

- ❖ Temp. Accuracy: $\pm 0.1^{\circ}\text{C}$
- ❖ Temp. Uniformity: $\pm 1^{\circ}\text{C}$
- ❖ Temp. Resolution: 0.1°C
- ❖ Temp. Fluctuation: $\pm 0.5^{\circ}\text{C}$
- ❖ Timer: 0 to 9999 Min/Hr
- ❖ Power Supply: AC 220V, 50Hz

Safety:

- ❖ Short Circuit Protection
- ❖ Over voltage-Under voltage Protection
- ❖ Sensor Error signaling
- ❖ Over heat protection

- ❖ High-quality stainless steel chamber, removable shelf, easy to clean.
- ❖ Silicon sealing ring for reliable sealing
- ❖ Equipped with leakage protection

Options:

- ❖ Multi-segment programmable control
- ❖ Built-in printer
- ❖ RS485 interface
- ❖ UV Sterilizer
- ❖ **Optional Glass door**



Vertical Series



4.3" Touch Screen Data Storage, Data Export to USB Flash Drive (Inbuilt in Machine Optional)

- ❖ High resolution touch screen, aesthetic and elegant interface, multiple sets of data displayed on one screen, easy to operate,
- ❖ Intelligent fuzzy PID control, shorter time to achieve set value, better temperature control accuracy, can be extended to multi-segments programmable control
- ❖ Multipoint temperature correction function;
- ❖ Three-level permission management function for FDA requirements
- ❖ Have the function of appointment running, timing and power-off memory
- ❖ The controller has screen locking function to avoid migration;



U disk printing controller (Optional)

- ❖ Simultaneously control and connect micro-printer, U disk, remote communication
- ❖ Automatically identify printer, U disk, communication failure alarm
- ❖ Real-time data record, Can be matched with any communication product of our company

Model	Temp. Range	Exterior Size (W×D×H) cm	Chamber Size (W×D×H) cm	Package Size (W×D×H) cm	Shelf	Power Rating (W)	Net Weight (kg)
INC-V20F	RT+ 5°C~80°C	38×35×62	25×25×32	46×45×67	1	150	25
INC-V30F		43×40×65	30×30×35	51×50×70	1	180	28
INC-VL50		48×46×73	35×35×41	55×53×76	2	300	32
INC-VL80		53×50×83	40×40×50	68×58×85	2	500	45
INC-V100		55×55×83	45×45×50	68×58×85	2	800	45
INC-V160		60×60×85	50×50×65	70×68×100	3	1000	65
INC-V200		60×70×87	50×60×67	70×68×100	3	1000	65
INC-V250		60×60×87	50×50×67	70×68×100	3	1000	65
INC-V270		73×70×107	60×60×75	80×78×120	4	1200	88
INC-V300		66×72×100	56×62×87	80×78×120	4	1500	95
INC-V350		70×80×100	60×70×84	80×78×120	4	1600	105
INC-V400		74×84×105	64×74×85	80×78×120	4	1600	130

Customize size available (500 liter/ 600 liter/700 liter/ 800 liter/1000 liter etc.)

Horizontal model need to confirm when order

Heating Incubator INC-H Series

Features

- ❖ Unique air duct design, and good temperature uniformity.
- ❖ Microprocessor controller (with temperature correction and timing function)
- ❖ Large LCD screen display.

Technical Parameters:

- ❖ Temp. Accuracy: $\pm 0.1^{\circ}\text{C}$
- ❖ Temp. Uniformity: $\pm 1^{\circ}\text{C}$
- ❖ Temp. Resolution: 0.1°C
- ❖ Temp. Fluctuation: $\pm 0.5^{\circ}\text{C}$
- ❖ Timer: 0 to 9999 Min/Hr
- ❖ Power Supply: AC 220V, 50Hz

Safety:

- ❖ Short Circuit Protection
- ❖ Over voltage-Under voltage Protection
- ❖ Sensor Error signaling
- ❖ Over heat protection

- ❖ High-quality stainless steel chamber, removable shelf, easy to clean.
- ❖ Silicon sealing ring for reliable sealing
- ❖ Equipped with leakage protection

Options:

- ❖ Multi-segment programmable control
- ❖ Built-in printer
- ❖ RS485 interface
- ❖ UV Sterilizer
- ❖ **Optional Glass door**



Horizontal Series



U disk printing controller (Optional)

- ❖ Simultaneously control and connect micro-printer, U disk, remote communication
- ❖ Automatically identify printer, U disk, communication failure alarm
- ❖ Real-time data record
- ❖ Can be matched with any communication product of our company



4.3" Touch Screen Data Storage, Data Export to USB Flash Drive (Inbuilt in Machine Optional)

- ❖ High resolution touch screen, aesthetic and elegant interface, multiple sets of data displayed on one screen, easy to operate,
- ❖ Intelligent fuzzy PID control, shorter time to achieve set value, better temperature control accuracy, can be extended to multi-segments programmable control
- ❖ Multipoint temperature correction function;
- ❖ Three-level permission management function for FDA requirements
- ❖ Have the function of appointment running, timing and power-off memory
- ❖ The controller has screen locking function to avoid migration;

Model	Temp. Range	Exterior Size (W×D×H) cm	Chamber Size (W×D×H) cm	Package Size (W×D×H) cm	Shelf	Power Rating (W)	Net/Gross Weight (kg)
INC-H20	RT+ 5°C~80°C	38×35×62	25×25×32	46×45×67	2	150	25/30
INC-H30		43×40×65	30×30×35	51×50×70	2	180	28/34
INC-H50		48×46×73	35×35×41	55×53×76	2	300	32/38
INC-H80		53×50×83	40×40×50	68×58×85	2	500	45/55
INC-H100		55×55×83	45×45×50	68×58×85	2	800	45/55
INC-H160		60×60×85	50×50×65	70×68×100	3	1000	65/78
INC-H270		73×70×107	60×60×75	80×78×120	4	1200	88/105
INC-H300		66×72×100	56×62×87	80×78×120	4	1500	95/120

Customize size available (350 liter/400 liter/ 500 liter/ 600 liter/700 liter/ 800 liter/1000 liter etc.)

Horizontal model need to confirm when order