

COOLED INCUBATOR



COOLED INCUBATOR

Cooled Incubators are suitable for a wide range of applications. These incubators offer precise, repeatable control of programmable temperatures and lighting patterns, which are essential to biological research and environmental studies.

Used in Germination experiments, Biochemical analysis, Cold storage purposes, Incubation, drying, Low temperature applications..

Also known as Refrigerated Incubator, Laboratory Cooled Incubator.

INC064 COOLED INCUBATOR

With casters, flexible and convenient to move

With reservation and timing functions, there is no need to wait, which effectively improves the efficiency of the experiment

Available in Chinese and English menus to meet different language needs, with °C / °F conversion

Protection on instruments: Comply international standard secondary temp limiting alarm system. When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident

Protection on key components: Key components are equipped with over-current, over-temperature, overload and other safety protection to prevent accident

Protection on samples: When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident

Protection on operator: The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents

Breakdown message provided: When the instrument breakdown, the message will shown on the screen to help operator clearly check

The touch screen type standard with a USB interface, which can record the change status of the temperature parameters. The LCD screen is option for USB interface

It can be equipped with RS232 data interface, which can realize remote control of the machine through software

RS-232 and USB can be selected one of them



SPECIFICATIONS

| Model | INC064-068A | INC064-068B | INC064-120A | INC064-120B |
|------------------------|--------------------|-------------|--------------------|-------------|
| Capacity | 68 L | | 120 L | |
| Temperature Range | - 10 - 80°C | | | |
| Display Resolution | 0.1°C | | | |
| Uniformity | ±1.0°C | | | |
| Timer Range | 1 - 5999 mins | | | |
| Max number of shelves | 2 (10) | | 3 (14) | |
| Max load per shelf | 20 Kg | | | |
| NW | 85 Kg | | 100 Kg | |
| Internal Dimension | 400Wx380Dx450H mm | | 500Wx400Dx600H mm | |
| Exterior Dimension | 545Wx670Dx1000H mm | | 645Wx690Dx1150H mm | |
| Electrical Requirement | AC 220 V / 50 Hz | | | |

| | | | | |
|------------------------|--------------------|-------------|---------------------|-------------|
| Power Consumption | 1300 W | | 1500 W | |
| UV lamp | Option | Standard | Option | Standard |
| Model | INC064-252A | INC064-252B | INC064-495A | INC064-495B |
| Capacity | 252 L | | 495 L | |
| Temperature Range | - 10 - 80°C | | | |
| Display Resolution | 0.1°C | | | |
| Uniformity | ±1.0°C | | | |
| Timer Range | 1 - 5999 mins | | | |
| Max number of shelves | 3 (16) | | 4 (16) | |
| Max load per shelf | 20 Kg | | | |
| NW | 120 Kg | | 220 Kg | |
| Internal Dimension | 550Wx600Dx750H mm | | 670Wx725Dx1020H mm | |
| Exterior Dimension | 695Wx890Dx1300H mm | | 850Wx1095Dx1935H mm | |
| Electrical Requirement | AC 220 V / 50 Hz | | | |
| Power Consumption | 1700 W | | 2250 W | |
| UV lamp | Option | Standard | Option | Standard |

| | | |
|------------------------|---------------------|-------------|
| Model | INC064-752A | INC064-752B |
| Capacity | 752 L | |
| Temperature Range | - 10 - 80°C | |
| Display Resolution | 0.1°C | |
| Uniformity | ±1.0°C | |
| Timer Range | 1 - 5999 mins | |
| Max number of shelves | 4 (20) | |
| Max load per shelf | 20 Kg | |
| NW | 250 Kg | |
| Internal Dimension | 700Wx860Dx1250H mm | |
| Exterior Dimension | 950Wx1225Dx2000H mm | |
| Electrical Requirement | AC 220 V / 50 Hz | |
| Power Consumption | 2800 W | |
| UV lamp | Option | Standard |



INC064-068A



INC064-068B



INC064-120A



INC064-120B



INC064-252A



INC064-252B



INC064-495A



INC064-495B



INC064-752A



INC064-752B

INC065 COOLED INCUBATOR

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It can be equipped with RS232 data interface, which can realize remote control of the machine through software

RS-232 and USB can be selected one of them



SPECIFICATIONS

| Model | INC065-068A | INC065-068B | INC065-120A | INC065-120B |
|--------------------|-------------|-------------|-------------|-------------|
| Capacity | 68 L | | 120 L | |
| Temperature Range | - 10 - 80°C | | | |
| Display Resolution | 0.1°C | | | |

| | | | | |
|------------------------|--------------------|----------|--------------------|----------|
| Uniformity | ±1.0°C | | | |
| Timer Range | 1 - 5999 mins | | | |
| Max number of shelves | 2 (10) | | 3 (14) | |
| Max load per shelf | 20 Kg | | | |
| NW | 85 Kg | | 100 Kg | |
| Internal Dimension | 400Wx380Dx450H mm | | 500Wx400Dx600H mm | |
| Exterior Dimension | 545Wx670Dx1000H mm | | 645Wx690Dx1150H mm | |
| Electrical Requirement | AC 220 V / 50 Hz | | | |
| Power Consumption | 1300 W | | 1500 W | |
| UV lamp | Option | Standard | Option | Standard |

| Model | INC065-252A | INC065-252B | INC065-495A | INC065-495B |
|------------------------|--------------------|-------------|---------------------|-------------|
| Capacity | 252 L | | 495 L | |
| Temperature Range | - 10 - 80°C | | | |
| Display Resolution | 0.1°C | | | |
| Uniformity | ±1.0°C | | | |
| Timer Range | 1 - 5999 mins | | | |
| Max number of shelves | 3 (16) | | 4 (16) | |
| Max load per shelf | 20 Kg | | | |
| NW | 120 Kg | | 220 Kg | |
| Internal Dimension | 550Wx600Dx750H mm | | 670Wx725Dx1020H mm | |
| Exterior Dimension | 695Wx890Dx1300H mm | | 850Wx1095Dx1935H mm | |
| Electrical Requirement | AC 220 V / 50 Hz | | | |
| Power Consumption | 1700 W | | 2250 W | |
| UV lamp | Option | Standard | Option | Standard |

| Model | INC065-752A | INC065-752B |
|------------------------|--------------------|-------------|
| Capacity | 752 L | |
| Temperature Range | - 10 - 80°C | |
| Display Resolution | 0.1°C | |
| Uniformity | ±1.0°C | |
| Timer Range | 1 - 5999 mins | |
| Max number of shelves | 4 (20) | |
| Max load per shelf | 20 Kg | |
| NW | 250 Kg | |
| Internal Dimension | 700Wx860Dx1250H mm | |
| Exterior Dimension | 700Wx860Dx1250H mm | |
| Electrical Requirement | AC 220 V / 50 Hz | |
| Power Consumption | 2800 W | |
| UV lamp | Option | Standard |



INC065-068A



INC065-252A

INC065-068B



INC065-252B

INC065-120A



INC065-495A

INC065-120B



INC065-495B



INC065-752A



INC065-752B

INC083 COOLED INCUBATOR

- 304 stainless steel, mirror polishing processing, easy to clean and maintain
- PID controller with over temperature alarm and timing function ensures precise and reliable control, also guarantee an excellent control by microprocessor and the limited number of setting keys ensures an extremely simple and intuitive operability
- The inner lamp for observation of the samples is standard supplied
- 3 fan speed meets all requirements of different experiments
- Famous brand compressor with refrigerant R134a



SPECIFICATIONS

| Model | INC083-0070A | INC083-0070B | INC083-0150A | INC083-0150B |
|------------------------|-----------------------|--------------|--------------------|--------------|
| Capacity | 70 L | | 150 L | |
| Temperature Range | 0 - 60°C | | | |
| Display Resolution | 0.1°C | | | |
| Temperature Stability | HIGH ±0.5°C LOW±1.0°C | | | |
| Temperature Uniformity | ±1.5°C | | | |
| Electrical Requirement | 220 V 50 Hz | | | |
| Ambient Temperature | +5°C - 30°C | | | |
| Power Consumption | 450 W | | 500 W | |
| Interior Dimension | 400Wx350Dx500H mm | | 503Wx470Dx808H mm | |
| Exterior Dimension | 530Wx560Dx1080H mm | | 600Wx630Dx1360H mm | |
| Shelves | 2 pcs | | 3 pcs | |

| | | | | |
|--------------|------------|-----|---|-----|
| Timing Range | 0~5999 min | | | |
| Display | - | LCD | - | LCD |

| Model | INC083-0248A | INC083-0248B | INC083-0492 | INC083-0778 |
|------------------------|-----------------------|--------------|---------------------|---------------------|
| Capacity | 248 L | | 492 L | 778 L |
| Temperature Range | 0 - 60°C | | | |
| Display Resolution | 0.1°C | | | |
| Temperature Stability | HIGH ±0.5°C LOW±1.0°C | | | |
| Temperature Uniformity | ±1.5°C | | ±2.5°C | |
| Electrical Requirement | 220 V 50 Hz | | | |
| Ambient Temperature | +5°C - 30°C | | | |
| Power Consumption | 600 W | | 2100 W | 4100 W |
| Interior Dimension | 540Wx460Dx1000H mm | | 670Wx720Dx1020H mm | 800Wx590Dx1650H mm |
| Exterior Dimension | 637Wx662Dx1590H mm | | 850Wx1100Dx1930H mm | 1475Wx890Dx1780H mm |
| Shelves | 3 pcs | | | |
| Timing Range | 0~5999 min | | | |
| Display | - | LCD | | |

| Model | INC083-1000 | INC083-1500 |
|------------------------|-----------------------|---------------------|
| Capacity | 1000 L | 1500 L |
| Temperature Range | 0 - 60°C | |
| Display Resolution | 0.1°C | |
| Temperature Stability | HIGH ±0.5°C LOW±1.0°C | |
| Temperature Uniformity | ±2.5°C | |
| Electrical Requirement | 220 V 50 Hz | 380 V 50 Hz |
| Ambient Temperature | +5°C - 30°C | |
| Power Consumption | 4100 W | 5000 W |
| Interior Dimension | 1050Wx590Dx1650H mm | 105Wx590Dx1650H mm |
| Exterior Dimension | 1410Wx890Dx1950H mm | 2110Wx890Dx2050H mm |
| Shelves | 3 pcs | |
| Timing Range | 0~5999 min | |
| Display | LCD | |



INC083-0070A



INC083-0070B



INC083-0150A



INC083-0150B



INC083-0248A



INC083-0248B



INC083-0492



INC083-0778



INC083-1000



INC083-1500

INC084 COOLED INCUBATOR

Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable

Latest PID LCD Programmable controller: 7 periods 63 steps, 0 to 5999mins for each periods, fan speed 0 to 100% adjustable

Independent temperature-limiting alarm system ensures experiments run safely

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement

Using environmentally friendly R134a refrigerant,fast cooling speed,saving energy and protecting environment.Auto-controller of fan speed to prevent damage to the samples

Shaker can be put inside BEING incubator to function as shaking incubator

Printer connector and RS485 connector are options which can connect printer and computer to record the parameters and the variations of temperature

SPECIFICATIONS

| Model | INC084-070 | INC084-150 | INC084-250 | INC084-495 |
|------------------------|-----------------------------|-------------------|--------------------|--------------------|
| Capacity | 70 L | 150 L | 250 L | 495 L |
| Controller | LCD Programmable controller | | | |
| Temperature Range | -5 - 70°C | | | |
| Display Resolution | 0.1°C | | | |
| Temperature Stability | HIGH ±0.3°C LOW±0.5°C | | | |
| Temperature Uniformity | ±1.5°C (at 25°C) | | | |
| Electrical Requirement | 220 V 50 Hz | | | |
| Ambient Temperature | +5 - 35°C | | | |
| Power consumption | 650 W | 850 W | 1300 W | 2250 W |
| Interior Dimension | 400Wx440Dx500H mm | 500Wx460Dx800H mm | 520Wx550Dx1050H mm | 670Wx725Dx1020H mm |
| Shelves | 2 pcs | 3 pcs | | |
| Timing Range | 1~5999 min | | | |

INC085 COOLED INCUBATOR

Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable

Latest PID controller

R134a refrigerant, imported compressor

Independent temperature-limiting alarm system ensures experiments run safely

Printer connector and RS485 connector are options which can connect printer and computer to record the parameters and the variations of temperature

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement



SPECIFICATIONS

| Model | INC085-050 | INC085-100 | INC085-150 |
|------------------------|--|--------------------|--------------------|
| Capacity | 50 L | 100 L | 150 L |
| Temperature Range | -10°C - 65°C | | |
| Display Resolution | 0.1°C | | |
| Temperature Stability | HIGH $\pm 0.5^{\circ}\text{C}$ LOW $\pm 1.0^{\circ}\text{C}$ | | |
| Electrical Requirement | 220 V 50 Hz | | |
| Ambient Temperature | +5°C - 35°C | | |
| Power Consumption | 1100 W | | 1300 W |
| Interior Dimension | 400Wx300Dx420H mm | 500Wx400Dx600H mm | 550Wx405Dx670H mm |
| Exterior Dimension | 660Wx720Dx930H mm | 650Wx770Dx1320H mm | 690Wx800Dx1410H mm |
| Shelves | 2 pcs | 3 pcs | |
| Timing Range | 0~9999 min | | |

| Model | INC085-250 | INC085-500 |
|------------------------|--|---------------------|
| Capacity | 250 L | 500 L |
| Temperature Range | -10°C - 65°C | |
| Display Resolution | 0.1°C | |
| Temperature Stability | HIGH $\pm 0.5^{\circ}\text{C}$ LOW $\pm 1.0^{\circ}\text{C}$ | |
| Electrical Requirement | 220 V 50 Hz | |
| Ambient Temperature | +5°C - 35°C | |
| Power Consumption | 1500 W | 2250 W |
| Interior Dimension | 600Wx500Dx830H mm | 670Wx720Dx1020H mm |
| Exterior Dimension | 740Wx900Dx1580H mm | 850Wx1100Dx1930H mm |
| Shelves | 3 pcs | |
| Timing Range | 0~9999 min | |



INC085-050



INC085-100



INC085-150



INC085-250



INC085-500

LABSTAC

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