

SMART SCIENCE

Smart Science co.,ltd.

Incubator

Price List 2023-2024



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- Digital Incubator
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- Heating Incubator
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Benchmark
Scientific



Bioevopeak

Haier

Jeiotech

 เลือกชม/สั่งซื้อสินค้า ออนไลน์ได้แล้ว

บริษัท สมาร์ท ไซเอนซ์ จำกัด

www.smartscience.co.th

**SMART
SCIENCE**
Smart Science co.,ltd.

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Sure Therm CO₂ Incubator

Features

- Internal microscope option
- Precision temperature control
- Excellent accuracy and recovery
- Heated door and door frame
- CO₂ Sensor : Dual Beam IR CO₂ Sensor
- Temperature Range : Ambient +5 to 60°C
- High Heat Decon (HD Models Only) : 125°C for 8 hours

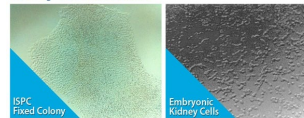
Benchmark Scientific



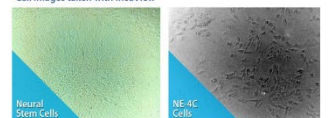
More information [CLICK](#)



Cell Images taken with IncuView



Cell Images taken with IncuView

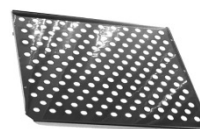


 Internal microscope SureTherm™ CO₂ incubators offer an optional, integrated microscope for viewing cells in their CO₂ environment. Less frequent removal of cells reduces the risk of sample contamination and cell damage.	 Large Display Monitor The IncuView™ LCI (Live Cell Imaging) system includes an internal microscope that wirelessly connects to the external monitor and allows for real-time monitoring of cells, visualization of samples and capturing time-lapse images.
 Oxygen control In addition to CO₂ control, oxygen control is available to create hypoxic conditions. Cells cultured in hypoxia are often found to show lower levels of stress and grow more quickly. (Available in 180L model only.)	 Heated door and frame The six-sided, direct heating design provides the highest level of temperature uniformity (±0.4°C). In addition, the heated door and door frame prevent the formation of condensation on the inner glass door.
 High heat decontamination Sample contamination is a leading cause of unhealthy cells. A convenient high heat decontamination cycle exposes the chamber to 125°C for 8 hours to eliminate this risk. (Available in 180L model only.)	 Split inner door Each time the door of a CO₂ incubator is opened, the risk of sample contamination increases. Our unique design features a split inner glass door for easy sample access. This eliminates opening the entire door, reducing the risk of contamination and fluctuation of temperature/CO₂ levels. (Available in 180L model only.)

- (# H3565-45) SureTherm CO₂ Incubator, 45L **ราคา 380,350 บาท***
 (# H3565-180) SureTherm CO₂ Incubator, 180L **ราคา 459,390 บาท***
 (# H3565-180HD) SureTherm CO₂ Incubator, 180L with High heat Decontamination **ราคา 574,350 บาท***
 (# H3565-180HDO2) SureTherm CO₂ Incubator, 180L with High heat Decontamination, Split Window Door and O₂ control **ราคา 789,850 บาท***

OPTIONAL ACCESSORIES

- (# H2300-REG) Optional CO₂ gas regulator **ราคา 20,350 บาท***
 (# H3565-O2REG) Optional O₂ gas regulator **ราคา 20,150 บาท***
 (# H3550-45-SH) Additional shelf for 45 liter incubators, 1 each **ราคา 11,050 บาท***
 (# H3550-180-SH) Additional shelf for 180 liter incubators, 1 each **ราคา 22,150 บาท***
 (# H3550-45-SK) Stacking kit for 45 liter incubator **ราคา 21,450 บาท***
 (# H3550-180-SK) Stacking kit for 180 liter incubator (height of top display approximately 135cm) **ราคา 25,850 บาท***
 (# H3565-45-LCI) IncuView Integrated Microscope Shelf, 45L (For H3565-45 Only) **ราคา 119,390 บาท***
 (# H3565-180-LCI) IncuView Integrated Microscope Shelf, 180L (For H3565-180, 180HD and 180HDO2 Only) **ราคา 125,490 บาท***



MyTemp™ Mini CO2 Digital Incubator

Features

- Digital control of temperature and CO₂
- Personal sized, 13 x 14.5" footprint (20 L)
- Accepts bottles and flasks up to 2 L
- Includes 2 stainless steel shelves
- Dimensions: (w x d x h) : Interior 26 x 23.5 x 32.5 cm
- CO₂ Sensor : Dual beam, infrared sensor
- Temperature Range : Ambient -10°C to 55°C
- CO₂ Range: 0 to 20%



Easy access, CO₂ input port

(# H2300-HC2-E) MyTemp Mini CO2 Digital Incubator
ราคา 239,350 บาท*

OPTIONAL ACCESSORIES

(# H2300-REG) Optional CO₂ gas regulator
ราคา 20,350 บาท*



(# H2300-SH) EXTRA SHELF, STAINLESS STEEL
ราคา 6,390 บาท*



More information [CLICK](#)

CO₂ Incubator



Model		HCP-80	HCP-168	HCP-258
Type		Air Jacket	Air Jacket	Air Jacket
Construction	Chamber Volume (L)	80	170	258
	Interior Chamber	304 Stainless Steel		
	Exterior Chamber	Coiled-rolled steel powder coated		
	Access Port	35mm Diameter		
	Data Outputs	Remote Alarm Contacts, USB, and Optional 4-20mA		
Dimensions	Net/Gross Weight (approx)	kg	75/100	110/140
		lbs	165/220	242.5/308.6
	Interior Dimensions (W*D*H)	mm	400*420*490	490*560*650
		in	15.7*16.5*19.3	19.3*22*25.6
	Exterior Dimensions (W*D*H)	mm	625*684*735	714*812*887
		in	24.6*26.9*28.5	28.1*32*34.9
Shelves	Packing Dimensions (W*D*H)	mm	695*755*915	760*840*1050
		in	27.3*29.7*36.0	29.9*33.1*41.3
	Dimensions (W*D)	mm	380*300	473*434
		mm	380*300	473*434
	Number Standard/Maximum	3/7	3/11	3/13
		kg	10/30	10/30
Electrical	Rated Voltage Power Supply (V/Hz)	220/50	220/50	220/50
	Nominal Consumption (kw) (Steri-run)	0.07 (0.9)	0.095 (1.4)	0.12 (1.6)
	Construction	Perforated, Adjustable		
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	7" LCD Screen	7" LCD Screen	7" LCD Screen
	Control	±0.1%	±0.1%	±0.1%
CO ₂	Range	0-20%	0-20%	0-20%
	Alarm Range	±0.5%	±0.5%	±0.5%
	Inlet Pressure	12-17Psi (0.8-1.2 Bar)		
	Gas Purity	≥99.5%		
	Sensor	IR	IR	IR
	Recovery Time at 5vol.-%/CO ₂ for a 30 Second Door Opening* (min)	4	4	4
Alarms	CO ₂ Inlet Filter (µm)	<0.2	<0.2	<0.2
	High/Low Temperature	Y	Y	Y
	Remote Alarm	Y	Y	Y
	Excessive CO ₂ Concentration	Y	Y	Y
	Water Shortage	Y	Y	Y
	Sensor Error	Y	Y	Y
Temperature Parameter	Door Ajar	Y	Y	Y
	Control (°C)	±0.1	±0.1	±0.1
	Range	Ambient temperature+3-55°C		
	Uniformity (°C)	±0.3	±0.3	±0.3
	Ambient Range (°C)	18-32	18-32	18-32
	Sensor	PT1000	PT1000	PT1000
Sterilization Cycle	Recovery Time at 37°C for a 30 Second Door Opening* (min)	4	4	4
	Cycle Temperature	180°C on all Internal Surfaces		
	Cycle Duration	Under 12 Hours	Under 12 Hours	Under 12 Hours
ราคา		413,800 บาท*	436,300 บาท*	501,300 บาท*

- * Efficient microbial filter with 99.99% filtration efficiency for particles larger than or equal to 0.2µm in diameter
- * Active airflow control technology, to ensure stability and homogeneity
- * Door heating function, eliminates microbial contamination
- * 180°C dry heat sterilization technology, providing a contamination-free environment



Inside



Shelves



Surface



CO2 Incubator



Features

- Temperature Range: RT+ 5°C-60°C
- CO2 Control Range: 0-20%
- Humidity Method: Natural Vaporization
- Water jacket and air jacket structure are available, polished stainless-steel chamber with air duct.
- Equipped with fan for forced convection, ensuring good temperature uniformity and the balance of CO2 concentration inside.
- PID microprocessor is used to control temperature, meanwhile, the temperature of box ,water and door are separately controlled by three probes to ensure high accuracy. (Air jacket is equipped with two probes to control door temperature and main body temperature.)
- Digital display for setting parameters, each working state has LED indication.
- Alarm function for over-heating, lack of water, unspirated, ensuring the safe operation of the equipment.
- Equipped with sterile air filtration devices and UV light system to reduce pollution.
- Natural evaporation for humidification to ensure the chamber can maintain good humidity .
- The ratio of CO2 gas and air can be arbitrarily selected according to the needs, direct reading type flow meter, accurate and easy operation.



Model	ICB-CO2-80E		ICB-CO2-160E	
	Water jacket	Air jacket	Water jacket	Air jacket
Interior Volume	80L		160L	
Chamber Size (WxLxH)	40x40x50 cm		50x50x65 cm	
Exterior Size(WxDxH)	57x59x93 cm		69x69x103 cm	
ราคา* (บาท)	122,990	107,950	168,290	160,890

LCD Thermostatic Biological Chamber CO2 Incubator



Features

- Temperature Range: RT+ 5°C-60°C
- CO2 Control Range: 0-20%
- Natural evaporation for humidification to ensure the chamber can maintain good humidity .
- Microcomputer control, Large LCD screen, accurate and easy for operation.
- Imported infrared sensor and gold-plated probes to ensure accuracy, the lifetime of sensor is up to 15 years.
- Adopting PID control technology, the CO2 concentration can be freely set within range of 0 to 20%, alarm for over concentration and concentration rise too slow.
- Water jacket and air jacket structure are available, polished stainless-steel chamber with air duct. Equipped with fan for forced convection, ensuring good temperature uniformity and the balance CO2 concentration inside.
- When door opened, the fan will automatically turn off (ICB-CO2-80 turn off the CO2 intake valve at same time) and heating will be stopped to reduce the pollution caused by the entry of air.
- PID microprocessor is used to control temperature, meanwhile, the temperature of box ,water and door are separately controlled by three probes to ensure high accuracy. (Air jacket is equipped two probes to control door temperature and main body temperature.)
- Digital display for setting parameters, each working state has LED indication.
- Alarm function for over-heating, lack of water, unspirated, ensuring the safe operation of the equipment.
- Equipped with sterile air filtration devices and UV light system to reduce pollution



Model	ICB-CO2-80		ICB-CO2-160	
	Water jacket	Air jacket	Water jacket	Air jacket
Interior Volume	80L		160L	
Chamber Size (WxLxH)	40x40x50 cm		50x50x65 cm	
Exterior Size(WxDxH)	57x59x93 cm		69x69x103 cm	
ราคา* (บาท)	250,490	235,690	287,550	208,150

* ราคายังไม่รวมภาษี 7%



Sure Therm CO₂ Incubator



Compact, stackable, energy-efficient, and yet exceptionally reliable low temperature incubators using peltier technology

Features

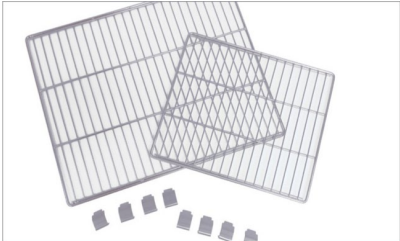
- Small incubator with compact design.
- Minimizes vibration and power consumption by using electronic cooling element. (peltier module)
- Structure that circulates internal air for temperature control.
- The inner glass door is completely enclosed with silicone packing, making it easy to observe the sample without changing the temperature.
- External door can be opened and closed smoothly with magnetic packing to minimize sample impact.
- Stainless steel interior and shelves are excellent in terms of corrosion resistance and clean maintenance.

Model	ILP-02	ILP-12
Temperature	5-40°C (at 20°C) / 10-40°C (at 25°C) / 15-40°C (at 30°C)	
Chamber volume (L)	14	48
Dimension Exterior (WxDxH) (mm)	430x495x400	430x665x620

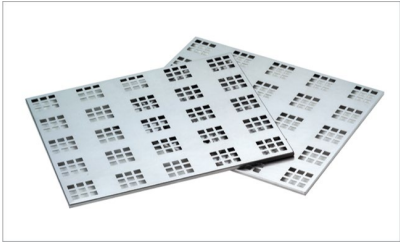
Package include Wire shelves ; 1 pcs for ILP-02 and 2 pcs for ILP-12

OPTIONAL ACCESSORIES

- (EDA8223) Wire shelves for ILP-02, Dimension (WxL) 195x310 mm
- (EDA8221) Wire shelves for ILP-12, Dimension (WxL) 305x299 mm
- (AAA24501) Perforated shelves for ILP-02, Dimension (WxL) 195x310 mm
- (AAA24502) Perforated shelves for ILP-12, Dimension (WxL) 305x299 mm



Wire shelves



Perforated shelves



ราคาสอบถามฝ่ายขาย



MyTemp™ Mini Digital Incubator

Features

- Digital temperature control
- Personal sized, 13 x 14.5" footprint (20 L)
- Accepts bottles and flasks up to 2 L
- Internal power outlet, for installation of small shakers, mixers or other instrumentation
- Dimensions: (w x d x h) : Interior 23.5 x 29 cm

OPTIONAL ACCESSORIES

(# H3D1020-E) Mini Nutating Rocker, 8 x 6 in. platform
ราคา 26,650 บาท*

More information [CLICK](#)



(# H2200-H-E) with heating only
Temp. Range : 5°C above ambient to 60°C
ราคา 31,650 บาท*



(# H2200-HC-E) with heating and cooling
Temp. Range : 15°C below ambient to 60°C
ราคา 48,090 บาท*

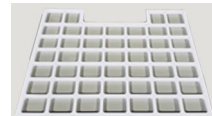


Built-in internal outlet



More information [CLICK](#)

(# H2200-SH) Extra Shelf 10.5 x 8"
ราคา 2,550 บาท*



SureTemp™ Dual Convection Incubator

Features

- Precision temperature control up to 75°C
- Dual-Convection technology, excellent uniformity and recovery
- Includes SureCheck™ temperature logger and software
- Stainless steel chamber with internal power outlet
- Temperature Range : Ambient +5° to 75°C

The heating elements are strategically located on multiple sides of the chamber and contents can be viewed with the separate inner glass door without disrupting the temperature environment.



The SureCheck system records temperature data points as often as every 60 seconds and stores this information on a flash drive. The data can then be viewed and saved using the included the

(# H2505-40E) 40 Liters, Interior Dimensions: 35 x 35 x 35 cm
ราคา 105,450 บาท*

(# H2505-70E) 70 Liters, Interior Dimensions: 45 x 35 x 45 cm
ราคา 135,950 บาท*

(# H2505-130E) 130 Liters, Interior Dimensions: 55 x 45 x 55 cm
ราคา 181,250 บาท*

OPTIONAL ACCESSORIES

- (# H2505-40SH) Extra Shelf, stainless steel, for H2505-40
- (# H2505-70SH) Extra Shelf, stainless steel, for H2505-70
- (# H2505-130SH) Extra Shelf, stainless steel, for H2505-130

ราคา 7,590 บาท*



More information [CLICK](#)

MyTemp™ 65HC Digital Incubator

Features

- Accurate temperature control from 0° to 60°C
- Powerful compressor maintains 0°C
- Stainless-steel internal chamber
- Internal power outlet for shaker, mixers, etc.
- For floor standing use or on bench-tops less than 32" tall
- Ideal for BOD and Drosophila applications
- Interior Dimensions: 40 x 32.4 x 50.2 cm
- Capacity : 65L

(# H2265-HC-E) MyTemp™ 65HC Digital Incubator,
with heating and cooling
ราคา 194,650 บาท*



Stainless-steel chamber with internal outlet and light

A large, digital display allows for visualization of the chamber temperature and the remaining incubation time, while an internal light is included for improved visualization of the chamber. In addition, a built in, internal outlet can be used to provide power to small instruments, such as shakers, rockers, etc.



More information [CLICK](#)

OPTIONAL ACCESSORIES

(# H2265-SH) Extra Shelf, 12.0 x 15.0", stainless steel
ราคา 6,550 บาท*



Constant Climate Standard Incubator



- Precise High Temperature Control:** Superior four-sided direct heating technology with an innovative air duct structure
- Operation Mode:** Four operation modes for multiple temperature requirements
- Multiple Protection Benefits for Increased Security:** Overheat protection(OPT), over current protection(FU), sensor error detection, independent temperature limit. Multiple alarms, such as over temperature alarm, high and low temperature alarm, door ajar, and sensor error alarm.
- High Thermal Insulation Performance, Energy Saving and Environmental Protection



Haier (China)

Model	HZP-168	HFP-80
Cycle mode	Natural convection	Forced convection
Capacity	168 L	80 L
Temperature Control Range	RT+5~105 ^o C	
Temperature Uniformity	±0.5 ^o C at 37 ^o C	±0.3 ^o C at 37 ^o C
Temperature Fluctuation	±0.1 ^o C	
Recovery Time after 30 sec Door Opening (min)	5	2.5
Interior Dimensions (W*D*H mm)	785*870*1198	704*722*1050
Exterior Dimensions (W*D*H mm)	650*782*1028	560*662*870
Shelves (Standard)	2	2
ราคา	196,300 บาท*	186,300 บาท*

* ราคายังไม่รวมภาษี 7%



Constant Temperature and Humidity Chamber

(ตู้ควบคุมอุณหภูมิและความชื้น)

ICB-H Series



- Unique internal wind circulation, breeze circulate fan circulation makes inner chamber temperature uniform.
- Large LCD display, multiple data display at the same time, 30-stage program control, round move, ladder operating with function of loop self-diagnose and sensor fault alarm.
- Double door structure, with high quality stalinite to observe samples, outer door with magnetic strip, convenient to on and off, good sealing.

Model		ICB-H70	ICB-H150	ICB-H250
Cycle Mode		Forced convection		
Function	Temp. Range	No humidification: 0 ~ 65℃ humidification: 10 ~ 60℃		
	Temp. Resolution Ratio	0.1℃		
	Temp. Motion	High Temp.: ±0.5℃ Low Temp.: ±1℃		
	Temp. Uniformity	±1℃		
	Humidity Range	45% ~ 95%RH		
	Humidity Stability	±5%RH		
Structure	Inner Chamber	Mirror Stainless Steel		
	Outside Material	Cold rolling steel electrostatic spraying exterior		
	Insulation Layer	Polyurethane		
	Heater	Stainless steel heater		
	Power Rating	1.8kW	2.0kW	2.2kW
	Compressor	Air cooled hermetic compressor		
	Cryogen	R134A		
	Defrost Structure	Automatic control intelligent defrosting		
	Humidifying Method	External		
	Test Hole	Plastic test hole ϕ 43mm		
	Controlled External Power Supply	Universal socket (one)		
	Controller	Temp. Control Mode	30 section LCD program	
Temp. Setting Mode		Touch button setting		
Temp. Display Mode		Measuring temperature: LCD upper row; Setting temperature: the lower row		
Humidity Control Mode		Automatic		
Timer		0 ~ 99.9h×30 section (with timing wait function)		
Operation Function		Program operation, timing function,auto stop.		
Sensor		PT100		
Additional Function		LED light、 Deviation correction、 Menu key lock、 Self diagnosis of power failure parameter memory loop		
Safety Device		Over temperature alarm, mechanical temperature limiter		
Specification	Inner Chamber Size(W×L×H)(mm)	415×350×500	490×400×750	500×500×950
	Exterior Size (W×L×H)(mm)	571×591×1051	646×641×1301	656×741×1501
	Packing Size (W×L×H)(mm)	686×690×1211	761×740×1461	771×840×1661
	Volume	70L	150L	250L
	Load Per Rack	15kg	15kg	15kg
	Shelf Number	9	12	18
	Shelf Space	35mm	35mm	35mm
	Power Supply(50/60Hz)Cur-rent Rating	AC220V/8.2A	AC220V/9.1A	AC220V/10A
	NW/GW (kg)	69/92	86/114	100/139
Accessory	Shelf	2		
Optional Accessories	Shelf, touch screen controller, RS485 interface, printer, recorder, remote control, wireless SMS alarm, USB data storage			
ราคา		80,990 บาท*	93,390 บาท*	115,190 บาท*



Constant Temperature and Humidity Chamber

(ตัวควบคุมอุณหภูมิและความชื้น)

Constant Climate Chamber



Haier (China)



- Energy-Savings and Reducing Costs: Semi-conductor technology, power consumption is 5 kwh per day, saving power consumption up to 90% compared with a compressor unit.
- Water Savings: Adopting intelligent PTC heating technique, water preheating and atomized humidifying, water consumption is only 120ml-320ml per day, no need for wastewater reclamation.
- Low Noise: Adopts semi-conductor control, low noise, low vibration, and no pollutants

Model		HHS-256	HHS-506	HHS-756
Construction	Chamber Volume (L)	256L	506L	756L
	Interior Chamber	stainless steel	stainless steel	stainless steel
	Exterior Chamber	Galvanized Sheet Powder Coating	Galvanized sheet powder coating	Galvanized sheet powder coating
	Access Port	35mm Diameter	35mm Diameter	35mm Diameter
Dimensions	Net/Gross Weight	kg145/188	215/260	280/328
	Interior Dimensions (W*D*H)	mm650*570*700	740*570*1200	1100*570*1200
	Exterior Dimensions (W*D*H)	mm835*905*1190	930*905*1690	1290*905*1690
	Packing Dimensions (W*D*H)	mm1030*955*1280	1110*955*1780	1380*955*1780
Shelves	Dimension / mm (W*D)	597*531	687*531	1048*531
	Standard Qty / Max Qty	2/5	2/10	2/10
	Max Weight Per Shelf	kg20	20	20
	Structure	Slide rail, adjustable	Slide rail, adjustable	Slide rail, adjustable
Electrical	Voltage / Frequency (V/Hz)	220/50	220/50	220/50
	Power (W)	600	1100	1700
	Day Consumption at 25°C & 40% RH (kwh)	4.6	5.4	5.6
Control	Controller	The microprocessor	The microprocessor	The microprocessor
	Display	10 "smart LCD screen	10 "smart LCD screen	10 "smart LCD screen
The Temperature Parameter	The Set Range (°C)	5~70	5~70	5~70
	Control Precision (°C)	±0.1	±0.1	±0.1
	Temperature Uniformity at 25°C	±0.2	±0.2	±0.2
	Temperature Fluctuation at 25°C	±0.1	±0.1	±0.1
	The Sensor	PT1000	PT1000	PT1000
	Rate of Temperature Rise (°C / min)	1	0.8	0.6
	30 Seconds Recovery Time After Door Opening at 40°C (min)	3	3.8	5
Humidity Parameter	Humidity Setting Range (% RH)	10~90	10~90	10~90
	Humidity Setting Accuracy (% RH)	0.1	0.1	0.1
	Humidity Fluctuation at 25°C & 40% RH (% RH)	±0.5	±0.5	±0.5
	Daily Water Consumption (ml)	120	240	320
ราคา		533,800 บาท*	632,500 บาท*	785,000 บาท*

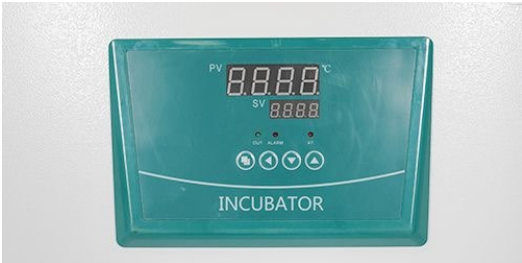


ICB-E Series Constant-Temperature Incubator



Features

- Temperature Range: RT+5-70°C
- Optional Accessories: Shelf
- Timer : 0-9999min (with timing wait function)
- The double door structure adopts high quality glass, easy to observe samples, the door with magnetic strip is easy to be opened and closed, good sealing and open door power-off function.
- Cycle Mode: Natural convection
- Heater: Mica electrothermal film
- New panel 5 degree angle, new glass inner door knob switch.



Temp. display



Double door structure

Model	ICB-45	ICB-65	ICB-125	ICB-210	ICB-45E	ICB-65E	ICB-125E	ICB-210E
Interior Volume	45L	85L	125L	210L	45L	85L	125L	210L
Inner Chamber	Mirror stainless steel				High strength galvanized sheet			
Chamber Size (WxDxH)	350x350x350 mm	400x350x450 mm	500x450x550 mm	600x580x600 mm	350x350x350 mm	400x350x450 mm	500x450x550 mm	600x580x600 mm
Exterior Size(WxDxH)	525x480x620 mm	575x480x720 mm	675x580x820 mm	775x710x870 mm	525x480x620 mm	575x480x720 mm	675x580x820 mm	775x710x870 mm
ราคา* (บาท)	24,250	26,150	36,490	46,090	20,650	22,950	30,790	34,750

ICB-P Series Constant-temperature Incubator



Features

- Temperature Range: RT+5-70°C
- Cycle Mode: Breeze circulation
- Heater: Mica electrothermal film
- Inner Chamber: Mirror stainless steel
- The double door structure adopts high quality glass, easy to observe samples, the outdoor with magnetic strip is easy to be opened and closed, good sealing, open door power-off function.
- Standard lights, UV lamps, with breeze circulation fan.
- High precision digital independent temperature limiter.
- With function of cutting off UV lamp by open door.



Double door structure



Standard lights, UV lamps, with breeze circulation fan



High precision digital independent temperature limiter

Model	ICB-45P	ICB-65P	ICB-125P	ICB-210P
Interior Volume	45L	65L	125L	210L
Chamber Size (WxLxH)	350*350*350 mm	400*350*450 mm	500*450*550 mm	600*580*600 mm
Exterior Size(WxLxH)	525*480*620 mm	575*480*720 mm	675*580*820 mm	775*710*870 mm
ราคา* (บาท)	32,590	36,490	46,090	46,090



Desktop Constant-Temperature Incubator



CE FDA ENEC

- Temperature Range: RT+ 5°C-65°C
- Outer Shell: Cold rolling steel electrostatic spraying exterior
- Timer : 0-9999min (with timing wait function)
- Heater : Nickel chromium alloy heating wire
- Cycle Mode : Natural convection
- In the workroom the hot air is convective naturally and cyclically
- Digital display microcomputer intelligent PID temperature
- New anti-hot handle

Model	ICB-18	ICB-18E
Interior Volume	18L	
Inner Chamber	Mirror stainless steel	High strengthgalvanized sheet
Chamber Size (WxDxH)	260*260*260 mm	
Exterior Size (WxDxH)	380*455*568 mm	
ราคา* (บาท)	14,590	12,950



ICB Series Heating Incubator



CE FDA ENEC

- Temperature Range: RT+ 5°C-66°C
- Unique air duct design, good temperature uniformity.
- Large LCD screen display.
- Silicon sealing ring for reliable sealing.
- Equipped with leakage protection
- Anti-hot handle
- Microprocessor controller (with temperature correction and timing function).
- High quality stainless steel chamber, removable shelf, easy-to-clean.
- With inner glass door for easy observation, open the outer door for observation will not affect the temperature inside.
- Equipped with spare temperature control which ensures the product work normally even the main temp. control failed.
- Optional printer or RS485 interface which can print or connect computer to realize remote control and alarm.



Large LCD screen display



High quality stainless steel chamber, removable shelf, easy-to-clean



Model	ICB-20	ICB-30	ICB-40	ICB-50	ICB-80	ICB-140	ICB-160	ICB-250	ICB-270
Interior Volume	20L	30L	40L	50L	80L	140L	160L	250L	270L
Chamber Size (WxDxH)	25x25x32 cm	30x30x35 cm	35x35x35 cm	35x35x41 cm	40x40x50 cm	50x50x55 cm	50x50x65 cm	60x60x70 cm	60x60x75 cm
Exterior Size (WxDxH)	38x35x62 cm	43x40x65 cm	64x50x60 cm	48x46x73 cm	53x50x83 cm	78x69x80 cm	63x60x97 cm	88x73x95 cm	73x70x107 cm
ราคา* (บาท)	23,650	25,250	27,650	27,650	33,950	45,090	43,550	54,950	53,350

ICB-B Series Heating Incubator



CE FDA ENEC

- Temperature Range: RT+ 5°C-80°C
- The working room is made of high-quality mirror-finished stainless steel
- The PID microcomputer intelligent temperature controller has functions such as precise timing of temperature control, over-temperature alarm, precise temperature control, and convenient reading.
- Functional type: The independent temperature limit system has the function of over-temperature interruption. When the main controller fails, it will alarm and cut off the output in time, which double protects the safety of the experiment.



Model	ICB-30B	ICB-45B	ICB-65B	ICB-125B	ICB-230B	ICB-30BE	ICB-45BE	ICB-65BE	ICB-125BE	ICB-230BE
	Standard type					Functional type				
Interior Volume	30L	45L	65L	125L	230L	30L	45L	65L	125L	230L
Chamber Size (WxLxH)	310x310x310mm	350x350x350mm	400x360x450mm	500x450x550mm	600*500*750mm	310x310x310mm	350x350x350mm	400x360x450mm	500x450x550mm	600*500*750mm
Exterior Size (WxDxH)	460x510x695mm	500x550x735mm	550x550x840mm	636x680x915mm	730*670*1220mm	460x510x695mm	500x550x735mm	550x550x840mm	636x680x915mm	730*670*1220mm
ราคา* (บาท)	22,290	31,790	27,350	36,490	48,790	22,290	31,350	34,490	40,750	55,050



Mini Incubator

Compact design for efficient lab space use

Features

- Maximum 8 microplates can be inserted to inner chamber for ELISA
- Volume : 10 L
- Temperature Range : **Amb. +5 to 65°C**
- Microprocessor PID feedback control of the heater and the fan ensuring temperature uniformity
- Automatic temperature calibration

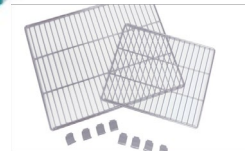
(AAH24315K) IM-10 Mini Incubator, included 2 of Wire shelves



OPTIONAL ACCESSORIES

(EDA8244) Wire shelves

(AAA24511) Perforated shelves



Wire shelves



Perforated shelves

Economy Incubator

Affordable yet exceptionally reliable incubators featuring film type heaters

Features

- Intuitive control panel with bright LED display
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Vibration-free design ideal for yeast cultivation.
- Free from noise, vibration, and mechanical troubles by film type heating method.
- Temperature Range : **Amb. +3 to 60°C**

OPTIONAL ACCESSORIES

(EDA8136) Wire shelves, for IB-01E

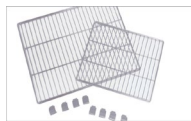
(EDA8220) Wire shelves, for IB-11E

(EDA8219) Wire shelves, for IB-21E

(AAA12531) Perforated shelves, for IB-01E

(AAA12522) Perforated shelves, for IB-01E

(AAA12535) Perforated shelves, for IB-01E



(AAH26015K) IB-01E Economy Incubator, 65L

(AAH26025K) IB-11E Economy Incubator, 150L

(AAH26035K) IB-21E Economy Incubator, 205L

Package include Wire shelves

(AAA26501) Stacking kits for stackable chambers, for IB-01E

(AAA26502) Stacking kits for stackable chambers, for IB-01E

(AAA26503) Stacking kits for stackable chambers, for IB-01E

General Incubator, Air-jacket

Versatile air-jacketed natural convection incubators

Features

- Intuitive control panel with bright LED display
- Vibration-free design ideal for yeast cultivation.
- * Air-jacketed natural convection is beneficial for Uniform temperature distribution and minimal sample contamination caused by external air intrusion.
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Free from noise, vibration, and mechanical troubles by film type heating method.
- Temperature Range : **Amb. +5 to 70°C**

(AAH21162K) IB-05G General Incubator, 60L

(AAH21172K) IB-15G General Incubator, 102L

(AAH21182K) IB-25G General Incubator, 151L

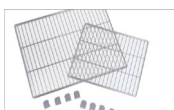
Package include Wire shelves

OPTIONAL ACCESSORIES

(EDA8136) Wire shelves, for IB-05G

(EDA8135) Wire shelves, for IB-15G

(EDA8137) Wire shelves, for IB-25G



(AAA12531) Perforated shelves, for IB-05G

(AAA12532) Perforated shelves, for IB-15G

(AAA12535) Perforated shelves, for IB-25G



(AAA21521) Stacking kits for stackable chambers, for IB-05G

(AAA21522) Stacking kits for stackable chambers, for IB-15G

(AAA21523) Stacking kits for stackable chambers, for IB-25G



2/4 Xhamber Incubators (Multi type Forced Convention)



Suitable for conducting independent experiment in two or four chamber incubators.

Features

- Independent temperature and timer control of each chamber using microprocessor PID.
- Temperature calibration.
- Automatic tuning.
- Forced air convection generated by a noiseless and powerful sirocco fan ensuring optimal air circulation, temperature uniformity.
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Three most commonly used temperature settings programmable.

Model	IB-02G-2C	IB-02G-4C
Temperature (°C)	Amb. +5 to 70	
Chamber volume (L / cu ft)	60 / 2.1 x 2 chambers	60 / 2.1 x 4 chambers
Dimension Exterior (WxDxH) (mm)	570x640x1360	1170x640x1360

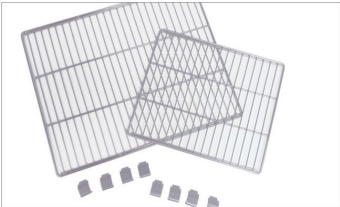


Package include Wire shelves ; 4 pcs for IB-02G-2C and 8 pcs for IB-02G-4C

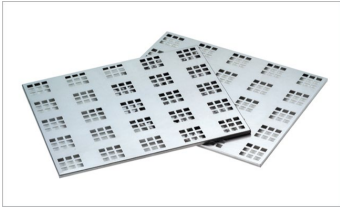
OPTIONAL ACCESSORIES

(EDA8136) Wire shelves, Dimension (WxL) 366x316 mm

(AAA12531) Perforated shelves , Dimension (WxL) 366x316 mm



Wire shelves



Perforated shelves

ราคาสอบถามฝ่ายขาย

Low Temperature Incubator (Multi type, Forced Convention)



Offer an ideal and cost-effective solution for laboratories with limited space and budget

Features

- Designed to offer an ideal and cost-effective solution for laboratories with limited space and budget.
- Optimum model selection between two and four chamber unit according to application demand.
- Suitable for conducting each different experiment at once.
- Adjustable 3-step fan speed with defrosting time and period control.
- Intuitive control panel with bright LED display.
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)

Model	IL-11-2C	IL-11-4C
Temperature (°C)	0 to 60°C	
Chamber volume (L / cu ft)	150 / 5.3 x 2 chambers	150 / 5.3 x 4 chambers
Dimension Exterior (WxDxH) (mm)	760x760x1690	1500x760x1690

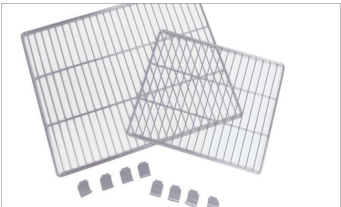


Package include Wire shelves ; 4 pcs for IL-11-2C and 8 pcs for IL-11-4C

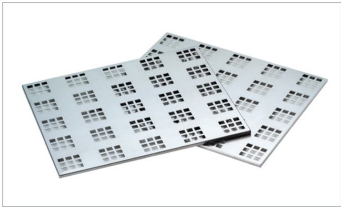
OPTIONAL ACCESSORIES

(EDA8219) Wire shelves, Dimension (WxL) 566x466 mm

(AAA22521) Perforated shelves, Dimension (WxL) 566x466 mm



Wire shelves



Perforated shelves

ราคาสอบถามฝ่ายขาย



Low Temperature Incubators (Multi type Forced Convection)

Superb low temperature incubation by noiseless compressor cooling system

Features

- Bright VFD display
- Silent cooling system reduces water evaporation within the chamber
- Three point temperature calibration / Automatic tuning.
- Forced air convection using an optimal cross flow fan for chamber temperature uniformity.
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.) with heating level indication and quick adjustable dial knob.
- Convenient preset function for 3 most commonly used temperature settings.
- Built-in electrical outlet with a safety cover inside the chamber.

Model	IL3-15	IL3-25
Temperature(°C)	0 to 80	
Chamber volume (L)	150	242
Dimension Exterior (WxDxH) (mm)	720x760x1070	620x770x1680

Package include Wire shelves ; 2 pcs for IL3-15 and 3 pcs for IL3-25



ราคาสอบถามฝ่ายขาย

Low Temperature Incubator (Air-jacketed)

Specially designed for optimal temperature control as well as minimal sample contamination caused by external air intrusion.

Features

- Three point temperature calibration / Automatic tuning.
- Natural convection within the chamber induced by the heater and the fan located inside the air jacket.
- Bright VFD display (0.1°C resolution)
- Dual delayed on/off timer modes. (1 min. to 99 hr. 59 min.) with heating level indication and quick adjustable dial knob.
- Convenient preset function for 3 most commonly used temperature settings.
- Built-in electrical outlet with a safety cover inside the chamber.

Model	IL3-15A	IL3-25A
Temperature(°C)	4 to 70	
Chamber volume (L / cu ft)	156	254
Dimension Exterior (WxDxH) (mm)	770x790x1115	670x805x1668

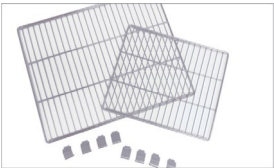
Package include Wire shelves ; 2 pcs for IL3-15A and 3 pcs for IL3-25A



ราคาสอบถามฝ่ายขาย

OPTIONAL ACCESSORIES

- (EDA8219) Wire shelves for IL3-15/15A, Dimension (WxL) 566x466 mm
- (EDA8220) Wire shelves for IL3-25/25A, Dimension (WxL) 466x490 mm
- (AAA22521) Perforated shelves for IL3-15/15A, Dimension (WxL) 566x466 mm
- (AAA22522) Perforated shelves for IL3-25/25A, Dimension (WxL) 466x490 mm
- (AAHQ1011K) LC GreenBox, Real-time monitoring and control of device operation via mobile app.



Wire shelves



Perforated shelves



LC GreenBox

ราคาสอบถามฝ่ายขาย

