

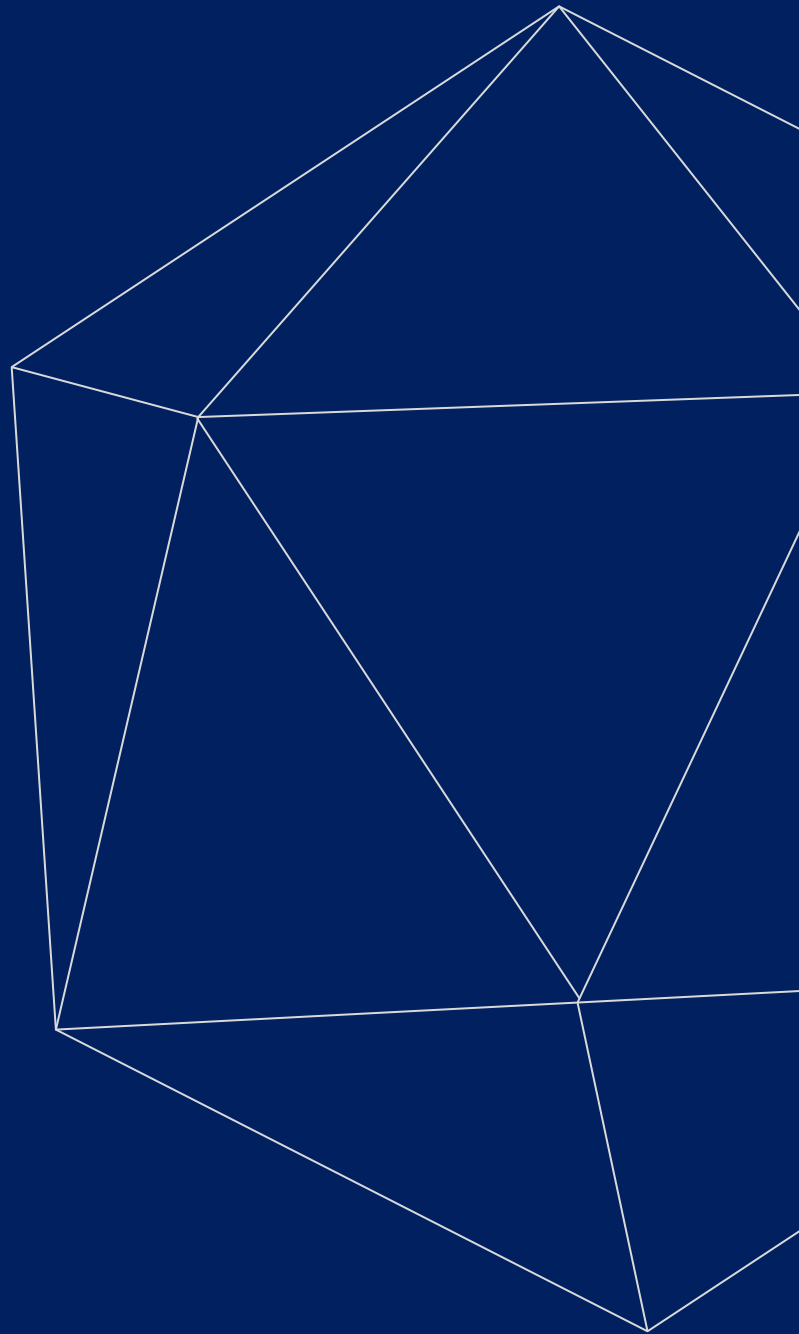


LABORATORY LINES INCUBATORS



Kalstein®

A different accompaniment, at your service





Kalstein®

A different accompaniment, at your service

OUR SERVICES

Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



Delivery Logistics

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



Biochemical BOD Incubator

Series YR02036



Product Description

For environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and other production department. A special constant temperature equipment for the analysis of the BOD determination of water, bacteria, biochemical, microbiological culture protection, plant cultivation, breeding.

Cooling system with imported compressor. Delay protection function, without fluorine R134a refrigerant, make environment better; touch-button set with timing and over temperature alarm function; adopt magnetic door seal, ensure excellent sealing, built-in lighting device convenient to observe.

Product introduction

For environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and production departments. A special constant temperature equipment for the analysis of the BOD determination of water, bacteria, biochemical, microbiological culture protection, plant cultivation, breeding.

Feature

- ✓ Cooling system with high quality imported compressor. Delay protection function. Smooth start and low noise when working.
- ✓ The inner chamber is made of mirror stainless steel.
- ✓ Semi-circular corners inner chamber is easy to clean.
- ✓ Shelf can be adjusted.
- ✓ LED microcomputer controller.
- ✓ Touch key parameter setting..
- ✓ Timer, over temperature alarm function.
- ✓ Easy to watch the goods in the inner chamber with lighting.



Model	Temp range (°C)	Accuracy (°C)	Fluctuation (%)	Voltage (V)	Power (KW)	Inner size (mm) (H*W*D)	Overall dimension (mm) (H*W*D)	Net weight (KG)
YR02036					0.35	500×400×320/70L	1020×540×570	56.5
YR02037					0.35	580×450×380/100L	1100×590×620	90
YR02038	0~60	±0.5	±1	220	0.45	800×500×380/150L	1350×640×660	102
YR02039					0.7	1000×550×450/250L	1550×690×660	130



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Bacteria Incubator

Series YR02041

Bacteria Incubator

For environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and other production department. A special constant temperature equipment for the analysis of the BOD determination of water, bacteria, biochemical, microbiological culture protection, plant cultivation, breeding.

Cooling system with imported compressor. Delay protection function, without fluorine R134a refrigerant, make environment better; touch-button set with timing and over temperature alarm function; adopt magnetic door seal, ensure excellent sealing, built-in lighting device convenient to observe.

Features:

- ✓ Cooling system with high quality imported compressor. Delay protection function. Smooth start and low noise when working.
- ✓ The inner chamber is made of mirror stainless steel.
- ✓ Semicircular corners inner chamber is easy to clean.
- ✓ Shelf can be adjusted.
- ✓ LED microcomputer controller.
- ✓ Touch key parameter setting.
- ✓ Timer, over temperature alarm function.
- ✓ Easy to watch the goods in the inner chamber with lighting.



Model	YR02040	YR02041	YR02042	YR02043
Temp Range (° C)	0-60			
Accuracy (° C)	±0.5			
Fluctuation (%)	± 1			
Voltage (V)	220			
Power (KW)	0.35	0.35	0.45	0.7
Inner Size(mm)	500×400×320/70L	580×450×380/100L	800×500×380/150L	1000×550×450/250L
Overall Dimension (mm)	1020×540×570	1100×590×620	1350×640×660	1550×690×660
Packing Size (mm)	1140×620×650	1220×670×700	1470×720×740	1670×770×740
Net Weight (KG)	56.5	90	102	130
Shipping Weight (KG)	62.5	98	112	140



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Bacteria Incubator Series YR02041



Features:



Without fluorine
R314a refrigeration
compressor



Stainless steel liner



Lighting system and BOD



Intelligent digital display

Optional Accessories:



Intelligent programmable
temperature controller



Test hole



The governor multi-
use for oscillator



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Bacteria Incubator Series YR02041



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Electric Heating incubator

Series YR02044



Large integrated observation window; fan circulation blast, reduce temperature deviation and fluctuation; adopt magnetic door seal, keep sealing in the box; shelf spacing, quantity adjustable. Suitable for the use of routine constant temperature culture. Use for constant temperature culture in the medical and health, pharmaceutical industry, biochemistry and agricultural research.

Use recommended: Recommended routine experiments and training, can provide a constant temperature environment, cost-effective.

Product introduction

- ✓ For medical health, pharmaceutical, chemical and agricultural and other departments as constant temperature incubator.
- ✓ Easy to watch the goods in the inner chamber with integrated window.
- ✓ Equipped with circulation fan in the inner chamber to reduce the temperature deviation and volatility.
- ✓ Magnetic door seals to keep the liner chamber sealed.
- ✓ Shelf can be adjusted.



Model	YR02044	YR02045	YR02046	YR02047
Voltage (V)	220	220	220	220
Temp range (°C)	RT+5 ~65	RT+5 ~65	RT+5 ~65	RT+5 ~65
Accuracy (°C)	±1	±1	±1	±1
Fluctuation (%)	±1	±1	±1	±1
Power (KW)	0.3	0.3	0.3	0.3
Inner size (mm) (H·W·D)	250×250×250	420×360×360	500×400×400	600×500×500
Overall dimension (mm) (H·W·D)	480×520×400	610×580×470	690×620×510	790×720×610
Packing size (mm) (H·W·D)	600×600×480	730×660×550	810×700×590	910×800×690
Net weight (KG)	16.5	23.5	29.5	41.5
Shipping weight (KG)	18.5	26.5	33.5	44.5



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Electric Heating incubator Series YR02044



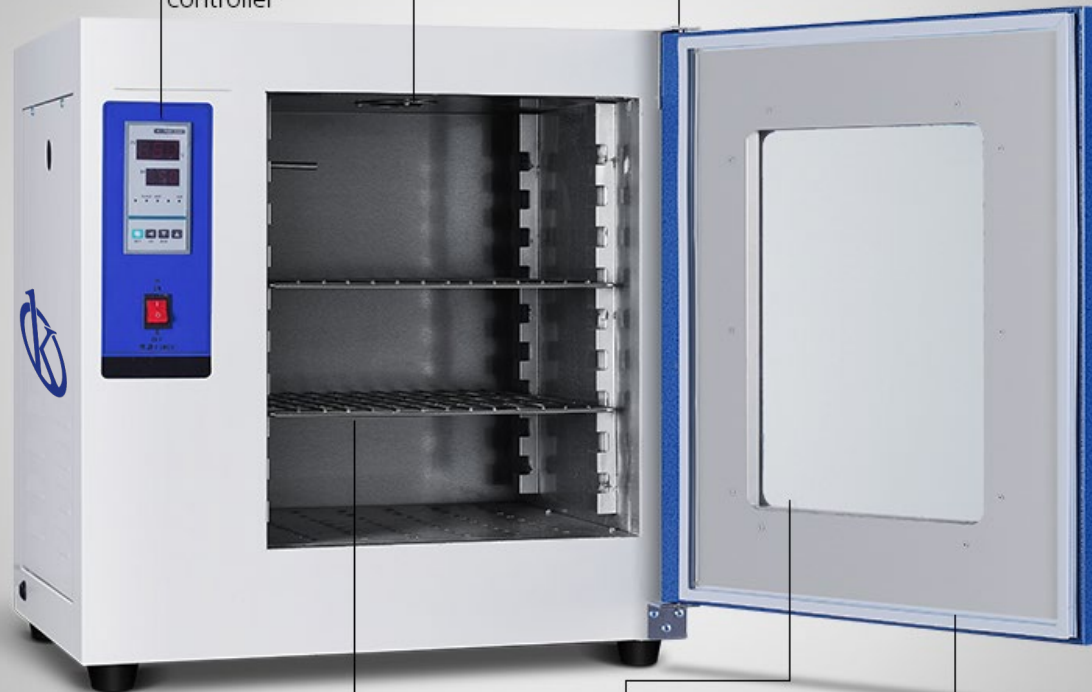
Temperature display controller



Vent hole



Reinforced hinger



Moveable shelves



Tempered glass observation



Magnetic seal



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Constant Temperature Incubator Series YR02050

Constant Temperature Incubator

Precision LCD display, microcomputer intelligent PID control system; electric film carbon fiber heating, constant temperature; with timing and over temperature alarm; with RS485 computer interface; standard international brands cooling fan, maintenance-free, durability; perfect duct design to ensure temperature uniformity for the working chamber; mirror stainless steel inner, anti-acid and anti-corrosion

Modern high-class laboratories recommend to use, suitable culture temperature environment with higher requirements users.

Apply to such as cultivation of microorganism's industries, the necessary equipment for the health care, biotechnology and agriculture and scientific experiments.

Features :

- ✓ Precision LCD microcomputer intelligent PID control system, with temperature control, timing and over-temperature alarm, with RS485 computer interface.
- ✓ With standard international brands cooling fan, maintenance - free, durability. Perfect combination of duct design to ensure temperature uniformity for the working chamber.
- ✓ Mirror stainless steel inner, anti-acid, anti-corrosion characteristics. Corners semicircular is easy to clean, up and down pitch adjustable shelf.
- ✓ Electric film heating elements made of carbon fiber, with advanced cavity preheating, the cavity temperature to reduce temperature fluctuations.



Model	YR02050	YR02051	YR02052
Temp Range (° C)	RT+5-65		
Accuracy (° C)	±0.1		
Fluctuation (%)	±0.2		
Inner Volume	50L	80L	160L
Voltage (V)	220		
Power (KW)	0.3	0.3	0.45
Inner Size(mm)	380×380×350	480×480×350	600×600×450
Overall Dimension (mm)	580×530×600	680×630×600	800×750×700
Packing Size (mm)	700×610×680	800×710×680	920×830×780
Net Weight (KG)	31	42	57
Shipping Weight (KG)	34	45	61

Optional Accessories:



Intelligent program temperature controller



Independent limit of the temperature controller



Portable integrated data printer



PC communication software



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Constant Temperature Incubator Series YR02050



Qualified silicone
sealing ring



Cooling Motor



Reinforced
hinger



Stainless steel liner



Air blast device



High quality mirror
stainless steel inner,
adjustable shelf



Tempered glass door,
sealing insulation function



Hot air circulation
system



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Constant Temperature Incubator Series YR02050

More Features:



Microcomputer interface



Straight pull type handle



High quality cold-rolled steel plate



Standard international brand cooling fan



Intelligent temperature controller



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Constant Temperature and Humidity Incubator

Series YR02053



Constant Temperature and Humidity Incubator

With constant temperature and humidity control function. It is a based equipment for environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and college departments. Also, widely application in biological engineering and water analysis and other field.

Without fluorine balanced refrigeration, auto-defrost, delay protection, the inner chamber is made of mirror stainless steel, built in lighting device; double door design, magnetic door seal; built in large-capacity humidifier with automatically water intake; microcomputer control with timing, over temperature alarm function.

With constant temperature and humidity control function. It is a based equipment for environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and college departments. Also, widely application in biological engineering and water analysis field etc.

Features :

- ✓ The inner chamber is made of mirror stainless steel.
- ✓ Semicircular corners inner chamber is easy to clean.
- ✓ Shelf can be adjusted.
- ✓ LED microcomputer controller make the temperature and humidity constant.
- ✓ Touch key parameter setting.
- ✓ Timer, over temperature alarm function.
- ✓ Large angle observation window, easy to watch the goods in the inner chamber with lighting.
- ✓ Large-capacity humidifier, easy to use



Model	YR02053	YR02054	YR02055
Temp Range (° C)	0-60		
Accuracy (° C)	±0.1		
Fluctuation (%)	±0.5		
Voltage (V)	220		
Power (KW)	0.4	0.6	0.8
Inner Size(mm)	580×450×380/100L	800×500×380/150L	1000×550×450/250L
Overall Dimension (mm)	1100×590×620	1350×640×660	1550×690×660
Packing Size (mm)	1220×670×700	1470×720×740	1670×770×740
Net Weight (KG)	93	105	133
Shipping Weight (KG)	110	125	155

Optional Accessories:



Test hole



Computer interface and software



Portable integrated data printer



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Constant Temperature and Humidity Incubator

Series YR02053



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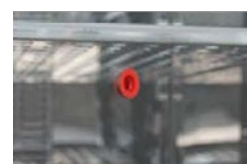
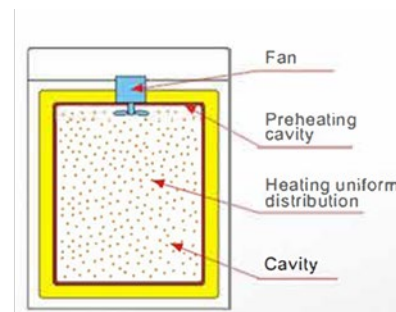
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CO₂ Incubator Series YR02048



Test hole



Water pan



UV sterilization lamp



Door handle

CO₂ Incubator :

Use for cells, tissues and bacterial culture; is the key equipment to carry out essential immunology, oncology, genetics and bio-engineering. Widely used in microorganisms, agricultural science, drug research and production.

Microcomputer intelligence control, constant temperature with timing, over temperature function; gas distribution type, CO₂ recovery time \leq concentration \times 1.2Min. built-in UV sterilization lamp, tempered glass door, adopt door heating control system which can effectively avoid frost in glass door.

Scope :

It an advanced instrument applies to cells, tissues, and bacterial culture . Is the key equipment to carry out essential immunology, oncology, genetics and bio-engineering. Widely used in microorganisms, agricultural science, drug research and production.

Feature :

- ✓ Microcomputer intelligent PID control technology, to maintain accurate and constant temperature and with timing, also with ultra-high

temperature alarm function.

- ✓ Internally equipped with a UV germicidal lamp, which can effectively kill bacteria, fungi, mycoplasma and other microorganisms
- ✓ The unique air circulation, soft wind, to ensure temperature uniformity
- ✓ Gas distribution type, CO₂ recovery time \leq concentration \times 1.2Min
- ✓ Adopt door heating control system, which can effectively avoid frost in glass doors.
- ✓ The design of the double doors, built-in tempered glass viewing window, clear observation of the locker, shelf up and down pitch adjustable.

ALLHEAT Chamber Preheating Technology

ALLHEAT Chamber preheating technology is the heating element evenly distributed in the interior. pre-heat the cavity and inner wall. and then through the heat transfer and forced-fan convection. so that the temperature of each cavity can accurately reach and maintain setting value. thus ensuring uniform distribution of the cavity temperature. Chamber of six surface heating. In which the glass door in possession of the heating system to prevent frost of glass door.

ALLHEAT™ series CO₂ Incubator with low energy consumption. heat not easily lost . Save energy, enabling customers to use the cost reduction.



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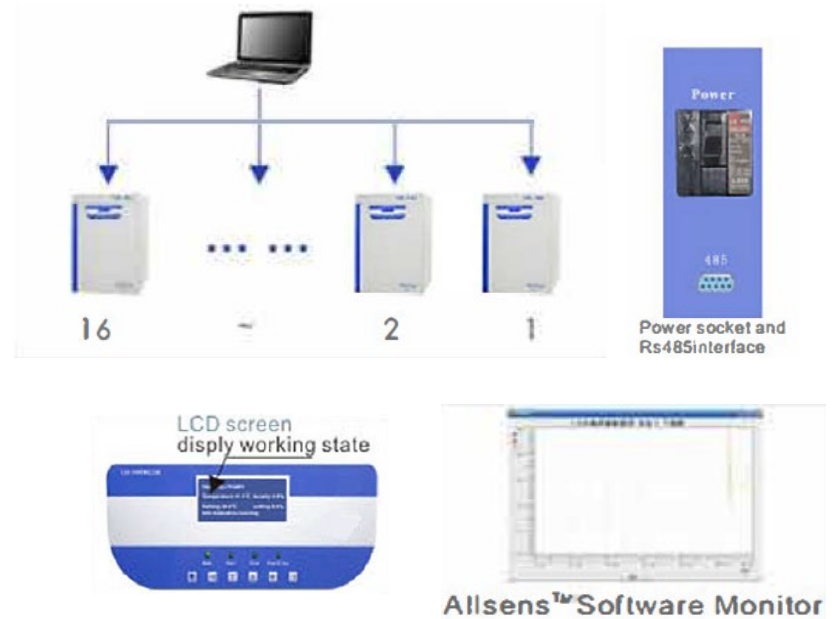
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CO₂ Incubator Series YR02048



ALLFLOW Clean Air Circulation System

- ✓ Perfect forced convection ALLFLOW1M of air circulation system to ensure the shortest temperature recovery time after opening. With internationally renowned brands with a cooling fan (no maintenance. High durability). the experiment and the culture effect to reach ideal extent
- ✓ ALLFLOW1M air circulation system sufficiently to ensure the continuous stability of the temperature of the working chamber. Customer set temperature is reached. given the perfect environment for sample culture;
- ✓ CO₂ inlet valve with a filter device to ensure cleanliness of the cavity gas;
- ✓ Equipped with UV sterilization system in the chamber. regular basis to eliminate the cavity contaminating microorganisms effectively prevent cross-contamination during culture
- ✓ CO₂ inlet valve with a filter device to ensure cleanliness of the cavity gas
- ✓ Equipped with UV sterilization system in the chamber. regular basis to eliminate the cavity contaminating microorganisms effectively prevent cross-contamination during culture

Temperature Sensor, Humidity Sensor, CO₂ Sensor.

- ✓ Imported industrial temperature sensor PT 100, short response time. low self-heating temperature.
- ✓ Imported humidity sensor. Aerospace material.no maintenance. Precise humidity control level.
- ✓ Imported IR CO₂ concentration sensor with automatic temperature compensation . allows high humidity (> 98%) long-term use of the environment, high accuracy, low drift, and the CO₂ concentration can be fast recovery characteristics.



Optional and Accessories:

- ✓ Portable printer
- ✓ Air interface y
- ✓ ALLESENS™ software
- ✓ High efficiency gas filler system (efficiency is up to 99.998%;,0.3um)



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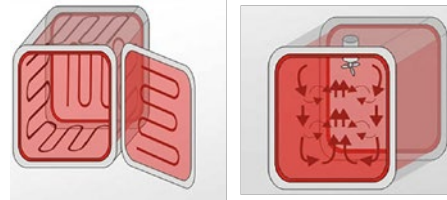


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CO₂ Incubator

Series YR02048



**Clean
airflow
circulation
system**

Model	YR02048	YR02049
Temp Range (° C)	RT+5~60	
Accuracy (° C)	±0.1	
Fluctuation (%)	±0.5	
CO ₂ Control Range	0~20%	
Voltage (V)	220	
Power (KW)	0.35	
Inner Size(mm)	500×400×400/80L	650×550×500/160L
Overall Dimension (mm)	835×550×550	985×700×650
Packing Size (mm)	955×630×630	1105×780×730
Net Weight (KG)	36	57
Shipping Weight (KG)	40	62

Convection Mode: Forced Convection

Control System: Microprocessor PID

Temp. Range: RT+5°C~55°C

Temp. Accuracy: 0.1

Temp. Fluctuation (37°C): ±0.5

Temp. Uniformity (37°C): ± 0.8

CO₂ Range: 0~20%

CO₂ control way: IR sensor ±0.1%

CO₂ Recovery lime: (offer 30 seconds door opening to 5%)..:2 minutes

Temp. Recovery time: (offer 30 seconds door opening to 37°C) <8 minutes

Relative humidity: natural evaporation>95% (with Temp. display)

Working environment: Ambient temperature: 10-30°C. Humidity<70%

Insulation materials: Imported environmental protection type material



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OF A KALSTEIN
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Jacinto Convit**

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<https://onetreepanted.org>



Humatem

Solidarité et coopération
biomédicale

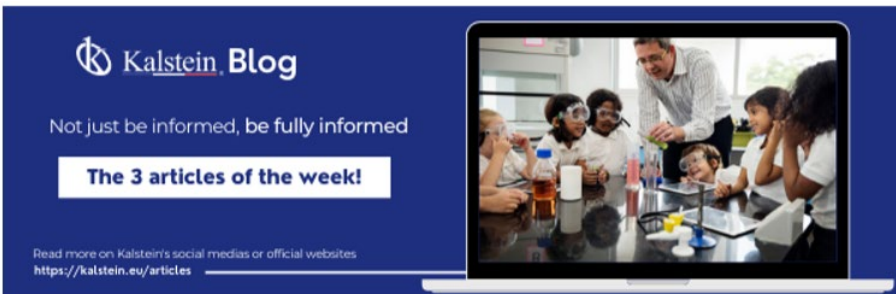
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FOUNDATION USA**

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