



LABORATORY LINES CHAMBER



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A different accompaniment, at your service





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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.



#Letsgivemore ❤️

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



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.



Constant Climate Chamber

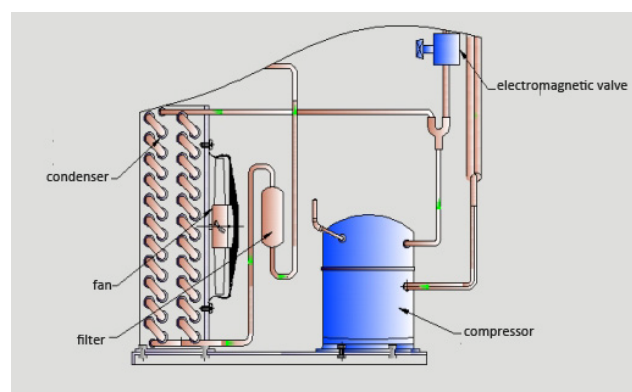
Model YR05334- YR05339



Kalstein's humidity chamber/mould incubator is widely used in scientific research, materials science, cosmetics, pharmaceutical, food, tobacco, microbial, chemical, electronics and other fields. This humidity chamber/mold incubator can provide a stable temperature and humidity environment, simulate various climatic conditions, especially used in samples tests shelf-life tests long-term experiments and cultivation of plants seeds and microorganisms.

Description

1. World famous compressor: balanced refrigeration technology, auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving.
2. Auto-defrost function: original rapid heat pump defrost technology, for continuous operation, effectively prevent frost because of continuous operation of evaporator.
3. Refrigeration effect manual control system: meet customer's terrible work environment.
4. Imported DuPont SUVA R134 an environmental refrigerant. For cleaner world, for better work condition.
5. To save energy, to reduce the cost.



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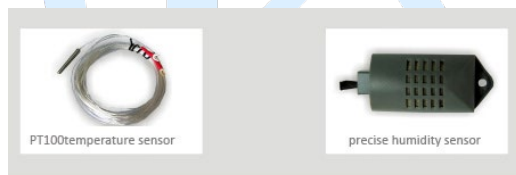
Excellent Imported Sensor

- Industrial sensor PT100, short response time, and low self-heating temperature.
- Humidity sensor, aerospace material, no maintenance, precision humidity control level.

Efficient Isolation Design

- Design of double-layer isolation, reduce power consumption, environmental protection concept, energy conservation.
- Internal isolated door design, easy observation of working room samples, keep temperature stability of working room.

Sensor PT100



Isolation Design



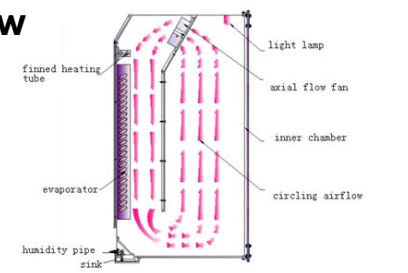
ALLFLOW Perfect Air Current Cycling

- ALLFLOW air current cycling: perfect forced convection, maximum samples number of working room, minimum temperature recovery time after the opening, world famous axial fan, perfect air current design, ensure an ideal result of samples culture.
- ALLFLOW air current cycling: keep temperature continuous and stable, keep humidity continuous and stable, ensure perfect sample culture environment.

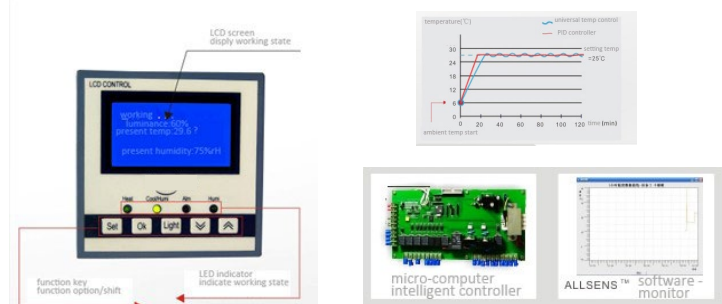
ALLESNS™ programmable PID control

- Integrated, dot-matrix LCD display, Chinese and English subtitles, design for the highest operational comfort.
- Display parameters: temperature, humidity, cycle, run time, run/stop.
- Adaptive PID controller precisely, control the temperature and humidity, prevent temperature soaring, keep working room temperature stable and uniformity.
- User password protection, built-in multifunctional memory menu, connect to multiple devices (up to 16 units), real-time monitoring.
- Programmable multi-sections control, to meet customer needs, temperature and humidity control up to 30 sets. Time setting: 0-99h, 0-9999m, programs can be executed automatically cycles.
- Set operations with beep tips Remote-controlled operation, with programmable software (option). Bacteria-free culture with UV disinfection (meet Mold incubator).

ALLFLOW



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Easy to Clean

- Internal surface is smooth and less weld, easy cleaning and maintenance.
- Pull multilayer shelf design, less metal accessories, easy to clean.
- Drainage design of chamber humidification collecting tank. User can discharge water as required to avoid bacteria.

Convenient Maintenance

- Liquid crystal micro-computer controller with diagnostic function. Display operating parameters including historical record, temperature and humidity data.
- Electrical control components and working room are installed separately. installed behind incubator, easy to maintenance.

Secure and Efficient Protection Concept

- Multiple over temperature protection function, sound and light alarm.
- Automatic double over temperature protection function.
- All electronic components are UL certified.
- All over temperature protection devices meet Germany standard DIN standard D12880 Class 3.1

ALLGENT™ Humidification System

- Original design of humidification system, prevent disadvantages (non-uniformity, instability) of traditional atomizer design.
- Automatic water intake, automatic water level control, ensure the precision of humidity control.
- Stainless steel SUS304 internal surface and water tank, ensure the quality of atomization and uses persistent.

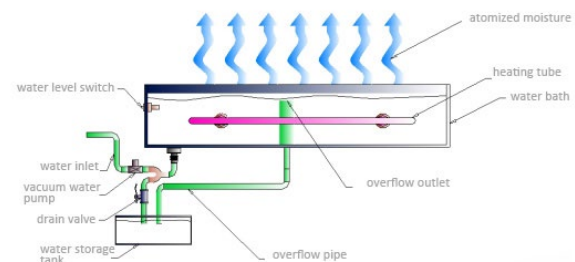
Ergonomic Design

- Laboratory of classical color design, international fashion design, arc-shaped design, for highest operational comfort.
- Integrated design that contains original outside handle and LCD screen, ergonomic structure, comfortable viewing angle, convenient to open the outside door and operate interface.
- Interval and number of mesh shelf can be adjusted according to customer requirements. Maximum capacity to meet customer needs.
- Comfortable vertical structure, maximize work chamber, working room in the upper, convenient to take.
- Double door design, easy observation samples, keep temperature stability, with bell-type lighting system.

Modern Manufacturing Processes

- Sheet metal parts use laser cutting and CNC bending technology.
- Cold-rolled sheets use three line of acidification anti-rust technology. Incubator surface use workmanship of spraying plastics.

ALLGENT™ Humidification System



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Technical Parameters

Models	Humidity Chamber			Mold Incubator		
	YR05334	YR05335	YR05336	YR05337	YR05338	YR05339
Convection mode	Forced-convection					
Control mode	30 Programmable PID Control System					
Sterilization function	—			with		
Temperature range (°C)	0~65°C					
Humidity range	40~95%RH					
Temp. display resolution(°C)	0.1					
Temp. fluctuation(°C)(10-40°C)	±0.5					
Temp. spatial deviation(°C)(10-40°C)	±1		±1.5		±1	±1.5
Humidity fluctuation(RH)	±2%					
Timing range	0 ~ 99Hour , Or 0 ~ 9999min					
Running environment	environment temp.10-30;relative humidity below 70%					
Heat insulator	environmental protection material					
External dimension (mm)(H×W×D)	1410×650×680	1730×650×740	1700×745×930	1410×650×680	1730×650×740	1700×745×930
Dimension of inner chamber (mm)(H×W×D)	757×508×389	1088×508×449	1052×601×639	757×508×389	1088×508×449	1052×601×639
Volume of inner chamber (L)(H×W×D)	150	250	400	150	250	400
Material of internal surface	SUS304 St.steel materials					
Shelves	3	4	4	3	4	4
Rated power(W)	1080	1100	1350	1080	1100	1350
Input voltage	AC220V/50Hz					
Net weight (KG)	107.5	136	158.5	107.5	136	158.5
Gross weight (KG)	133	162.5	188	133	162.5	188
Package size(mm)(H×W×D)	1605×760×830	1935×760×890	1907×815×1090	1605×760×830	1935×760×890	1907×815×1090



#Let'sgive**more**

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Humatem

Solidarité et coopération
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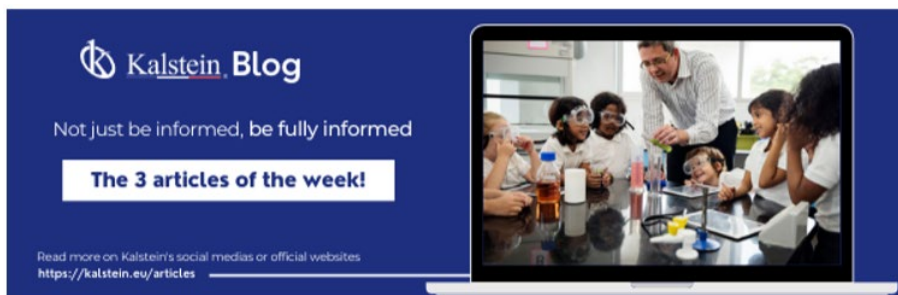
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FOUNDATION USA**

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Not just be informed, be fully informed

The 3 articles of the week!

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1
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microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

Kalstein Blog

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2
Read this ARTICLE NOW

What is the importance of the laboratory refrigerator?

refrigerator is a device that is one of the most common pieces of laboratory equipment. Its purpose is to maintain, in a controlled environment (refrigerated space), various fluids and substances

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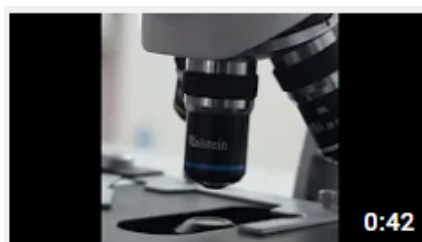
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