



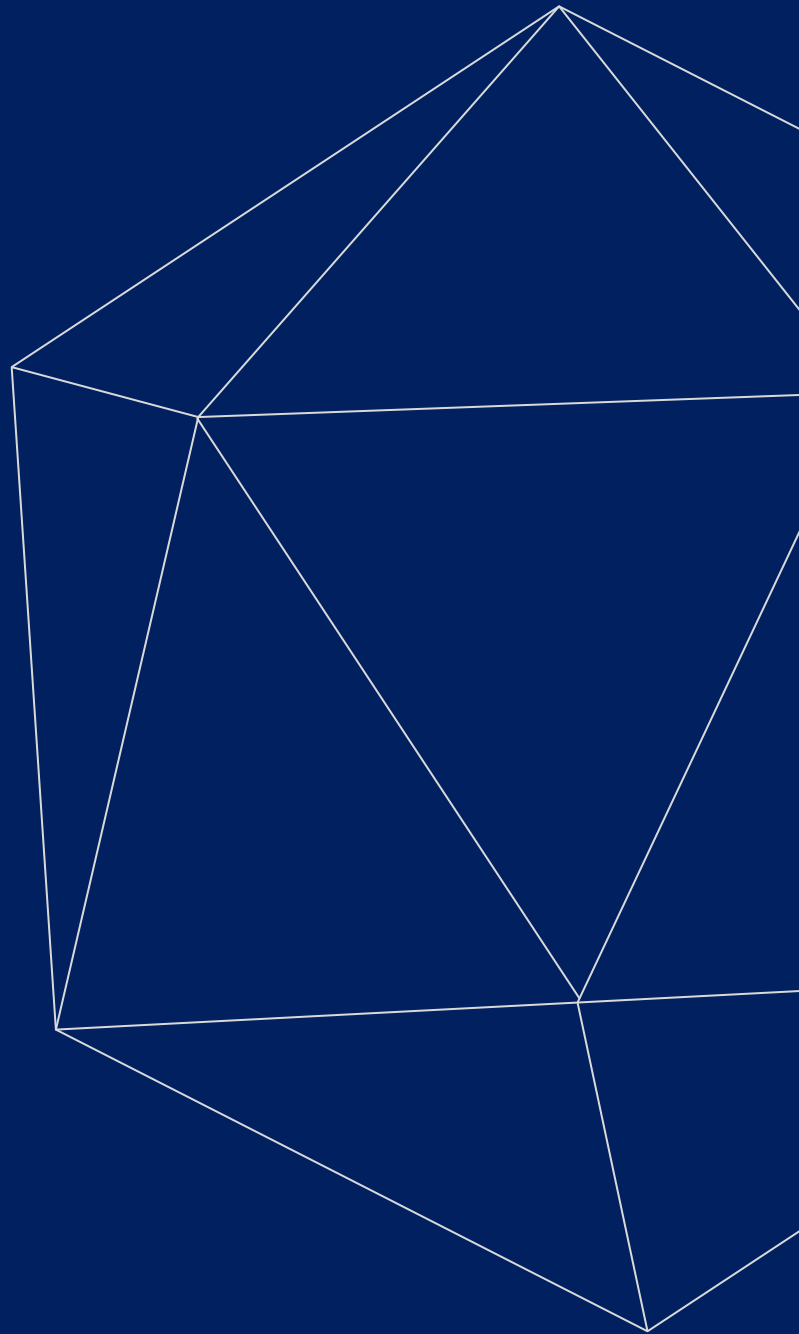
# LABORATORY LINES

## BIOSAFETY CABINET



**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.



### #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.



## Biosafety Cabinet Class II A2

Series YR05704



All steel 30% Air Exhaust safety cabinet biosafety cabinet

### Product Features

- ✓ Air curtain isolation design prevents internal and external cross-contamination, 30% of the air flow is discharged outside and 70% of the internal circulation, negative pressure vertical laminar flow, no need to install pipes.
- ✓ The glass door can be moved up and down, can be positioned arbitrarily, is easy to operate, and can be completely closed for sterilization, and the positioning height limit alarm prompts.
- ✓ The power output socket in the work area is equipped with a waterproof socket and a sewage interface to provide great convenience for the operator
- ✓ A special filter is installed at the exhaust air to control emission pollution.
- ✓ The working environment is made of high-quality 304 stainless steel, which is smooth, seamless, and has no dead ends. It can be easily and thoroughly disinfected and can prevent corrosion by corrosive agents and disinfectants.
- ✓ It adopts LED LCD panel control and built-in UV lamp protection device, which can only be opened when the safety door is closed.
- ✓ With DOP detection port, built-in differential pressure gauge.
- ✓ 10° tilt angle, in line with the human body design concept



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## Biosafety Cabinet Class II A2

Series YR05704



Parameter		
Average wind speed	<b>Airflow system</b>	YR05704 70% air recirculation, 30% air exhaust
	<b>Cleanliness grade</b>	Class 100@ $\geq 0.5\mu\text{m}$ (U.S. Federal 209E)
	<b>Number of colonies</b>	$\leq 0.5\text{pcs/dish}\cdot\text{hour}$ ( $\Phi 90\text{mm}$ culture plate)
	<b>Inside the door</b>	0.38 $\pm$ 0.025m/s
	<b>Middle</b>	0.26 $\pm$ 0.025m/s
	<b>Inside</b>	0.27 $\pm$ 0.025m/s
	<b>Front suction air speed</b>	0.55m $\pm$ 0.025m/s (30% air exhaust)
	<b>Noise</b>	$\leq 65\text{dB(A)}$
	<b>Vibration half peak</b>	$\leq 3\mu\text{m}$
	<b>Power supply</b>	AC single phase 220V/50Hz
<b>Maximum power consumption</b>	400W	
<b>Weight</b>	170KG	
<b>Internal Size (mm)</b>	<b>W×D×H</b>	840×650×620
<b>External Size (mm)</b>	<b>W×D× H</b>	1000×800×2100
<b>High efficiency filter specification and quantity</b>		780×490×50×①
<b>Specification and quantity of fluorescent lamp/UV lamp</b>		12W×①/20W×①



**#Let'sgivemore** ♥

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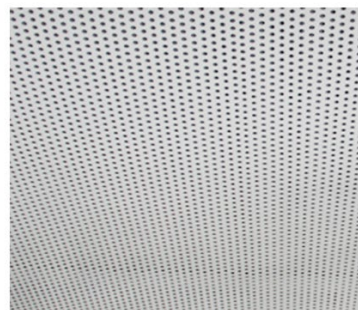


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## Biosafety Cabinet Class II A2

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### High efficiency filter

HEPA Filter ensures a clean environment in the work area.

### Fluorescent lamp & UV lamp

Equipped with high-brightness fluorescent lamps, safety interlocking of lighting and sterilization systems.

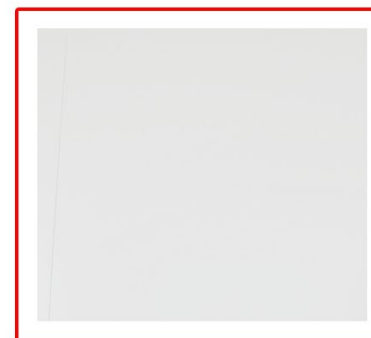


### Socket (Four options)

The working area is equipped with sockets (four options are available) to facilitate the experiment plug-in needs.

### All steel material

The product structure is firmer and the appearance is more beautiful.



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Series YR05704

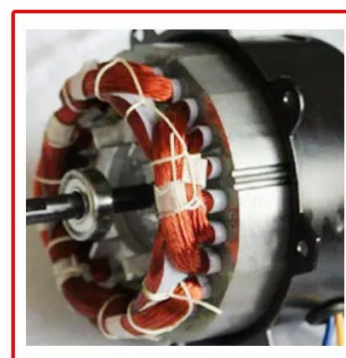


**LCD control panel**

Digital display control panel, easy to operate.

### Copper core motor

The motor has strong power, low heat generation, low noise, energy-saving and power-saving.



**Working area**

The material of the work area is 304 stainless steel, Resistant to corrosion and easy to clean.

### Universal wheel

The base is equipped with universal wheels to facilitate the movement of the biological safety cabinet.



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## Biosafety Cabinet Class II A2

Series YR05704



### Differential gauge

High strength plastic PC cover, visual permeability, clear Angle, easy to view.

### Glass sliding door

Arbitrary positioning door system is adopted to make the operation more convenient.



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 **ONE  
TREE  
PLANTED**

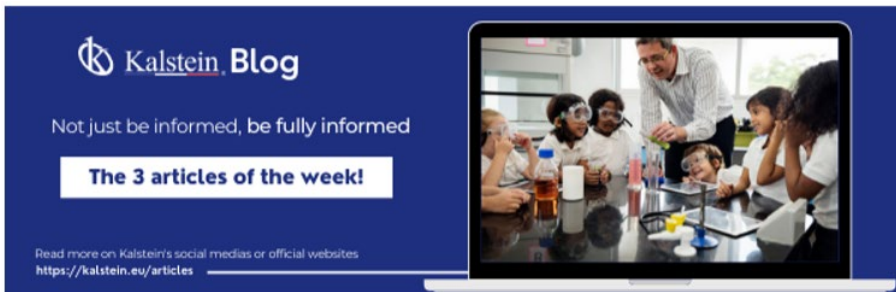
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Not just be informed, be fully informed

**The 3 articles of the week!**

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**1**  
Read this ARTICLE NOW

**How does the climate affect your microscope?**

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

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**Article of the week:**  
How does the climate affect your microscope?

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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

**Kalstein Blog**

**Article of the week:**  
What is the importance of the laboratory refrigerator?

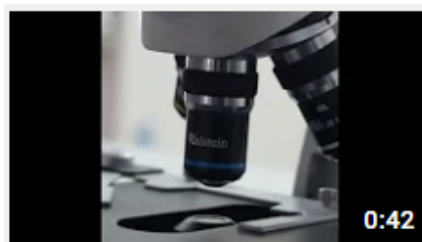
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