



LABORATORY LINES

AUTOCLAVE



Kalstein®

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



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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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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.



KALSTEIN® Autoclave

LCD Display Pulsating Vacuum Autoclave With Printer

Kalstein's series pulsating vacuum autoclave is the equipment that disinfects and sterilizes the objects with saturated steam, its structure is vertical and heating way is electric heating. It is composed of sterilization chamber, shell, hand wheel door, steam generator, pipe system, vacuum system, control system, water tank, printer, LCD display system and power-supply system.

It is widely used in CSSD, lab, scientific research institution, pharmaceutical, food industry and is suitable for items which are high temperature-resisting and high pressure-resisting including unwrapped or wrapped instrument, dressing, rubber, liquid, plant-in instrument, porous item, hollow instrument to be sterilized.

Features

- Automatically controlled by microprocessor, LCD display of working status, touch type key.
- Dynamically showed the temperature, pressure, time, vacuum rate, drying, alarm, water level, and the full cycle.
- Fully automatically route for adding water, pulse vacuum, heating, sterilizing, draining, exhausting, vacuum drying, printing.
- Unique pulse vacuum drying procedure is designed, and the residue moisture less than 0.2%.
- The vacuum rate can reach -0.081Mpa , it fits various instruments, including packed, unpacked, dressings, solid, A, B type hollow whether multi-apertures or inset pipes.
- With 4 pre-set programs (Instrument, Textile, Rubber, Liquid), user-defined program, test programs (Bowie & Dick test, Vacuum leakage test)
- The door gasket is made of high-quality silicone, high temperature resistant, durable and not deformed.
- Equipped with water level cutoff sensor and water level indicator. If water shortage, the machine will stop running.
- Equipped with the PT/TT testing connector, easy to run the testing.
- Built-in high quality vacuum pump, to ensure effective removal of the air so as to get the optimum saturate steam, ensure the nice sterilization.



Main Configuration

- Control: Microprocessor
- Door: Hand wheel type quick open door with safety shield
- Display: LCD display
- Drying system: Vacuum drying
- Vacuum pump: Built-in
- Steam generator: Built-in
- Sterilization program: Pre-set program + User-defined program + Test program
- Water tank: Yes
- Printer: Yes
- Sterilization basket: 2 PCS
- Language: English
- Voltage: 220-240V, 50/60Hz, single-phase



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KALSTEIN® Autoclave

LCD Display Pulsating Vacuum Autoclave With Printer



Product Description

- Equipped with 0.22 µm bacteria filter, ensure the sterile air enter the inner vacuum environment, avoid the second contamination.
- Hand wheel type of quick-open door structure, self-inflating type seal.
- Adopted Independent steam generator, with high heating efficiency.
- Steam-water inner circulation system: No steam discharge and the environment for sterilizing will be clean and dry.
- Automatically shut off with beep reminding after sterilization.
- Fully high quality stainless steel 304.
- Built-in printer, record the entire sterilization cycle.
- Accessories: Drainage hoses, drain(exhaust) bucket, stainless steel baskets.

Safety Protection Device

- Heater protection
- Anti-dry heating
- Safety interlock door: The program can't start up when the door is unlocked under normal condition. Door is locked and the door can't open when pressure in chamber.
- Over-temperature protection: Adapt PT100 with accuracy class A for temperature control in chamber, collect temperature data in real-time, protect and alarm when temperature higher than default value.
- Over-pressure protection: The relief valve starts to release pressure automatically when the pressure in chamber and steam generator exceed the default value.
- Automatic release safety valve
- Over current protect
- Electric safety protective device: fuse protects control units when short circuit or overload occurs.
- Overheating protection device: high temperature deviation in chamber actuates protective device cuts off the heating source immediately.
- Vacuum pump overload: The vacuum pump stops and alarms once its motor is overload or blocked when vacuum pump running.



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KALSTEIN® Autoclave

LCD Display Pulsating Vacuum Autoclave With Printer

YR05673 -YR05675

Model	YR05673	YR05674	YR05675
Max. pressure		0.23Mpa	
Working pressure		0.22Mpa	
Max. temperature		136°C	
Working temperature		134°C	
Working temperature range		105 – 134°C	
Vacuum rate		-0.081Mpa	
Sterilization time		0 – 99 min	
Drying time		0 – 99 min	
Accuracy of temperature		0.1°C	
Heat average		≤± 1°C	
Type	Vertical Pulsating Vacuum Autoclave		
Class	Class B		
Control	Microprocessor		
Door	Hand wheel type quick open door		
Display	LCD display		
Drying system	Vacuum drying		
Vacuum pump	Built-in		
Steam generator	Built-in		
Sterilization program	Pre-set program + User-defined program + Test program		
Water tank	Yes		
Printer	Yes		
Sterilization basket	2 PCS		
Language	English		
Voltage	220-240V, 50/60Hz, single-pase		
Chamber Size(mm)	50L / Ø340×550	80L / Ø420×600	100L / Ø440×650
Outer Size(mm)	660×460×1160	700×520×1250	700×520×1250
Packing Size(mm)	820×600×1400	820×620×1450	820×620×1450
G.W. / N.W.	120/100 kg	172/142 kg	176/146 kg



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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 small objects. This is achieved through the use of lenses or a system of mirrors that collect and focus light from the object being observed.

Kalstein Blog

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 equipment that is used 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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