



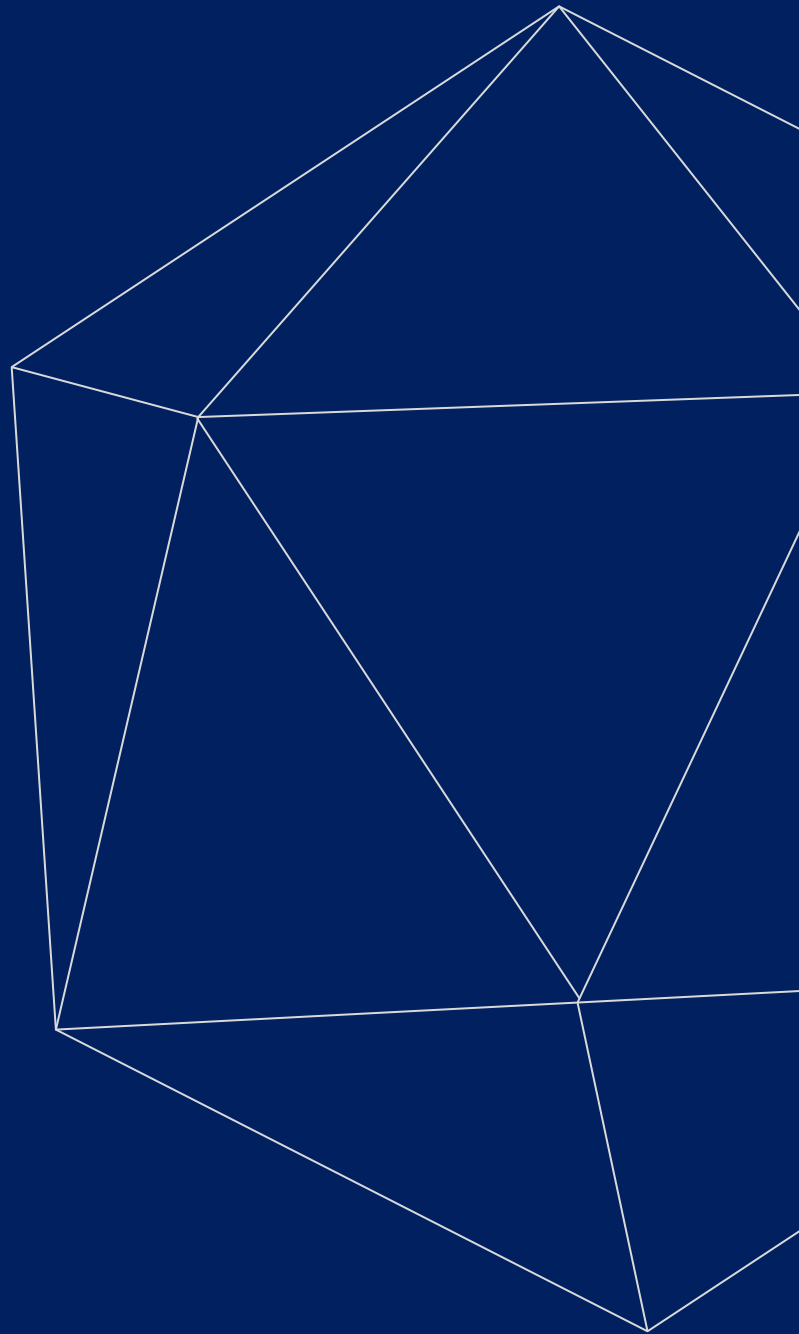
LABORATORY LINES

AUTOCLAVE



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Horizontal Cylindrical Pressure Steam Autoclave

Model Series YR05635 // YR05639

Application

YR series horizontal pressure steam autoclave is the equipment that disinfects and sterilizes the objects with saturated steam, its structure is horizontal and heating way is electric heating. It is composed of sterilization room, shell, door, steam generator, pipe system, control system, 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.

Product Features

- ✓ Microprocessor controlled, water adding, heating up, sterilizing, drying, exhaust process are fully automatic.
- ✓ Drying function, suitable for dressing drying.
- ✓ The power will be cut off automatically, and cut-off water and alarm when machine lacks of water.
- ✓ The door opening mechanism cannot be operated until pressure in the chamber is reduced to 0.027Mpa. It can't start if door doesn't close completely.
- ✓ The safety valve will be open automatically, when the inner pressure over 0.24 Mpa and the steam will be exhausted to the water tank.
- ✓ The chamber, door, jacket, water tank are made of stainless steel 304.
- ✓ Built-in steam generator, water tank, and water level indicator.
- ✓ With two pressure temperature gauges, real-time display of the temperature and pressure of the inner chamber and jacket.
- ✓ The timer starts only after the pre-set temperature is reached, ensuring complete sterilization.
- ✓ Automatic air venting device discharges cool air from chamber to obtain effective saturated steam.
- ✓ Equipped with PT/TT test port.

Safety Protection Device

- ✓ Safe protection of water lacking.
- ✓ The program will be stopped if water level lower than the low limit.
- ✓ The buzzer alarms when a cycle of operation is completed.
- ✓ Over temperature & over pressure auto-protection.
- ✓ Over current protector.
- ✓ Door safety interlock system.
- ✓ Electric safety protective device.
- ✓ Automatic release safety valve
- ✓ Emergency exhaust valve.



Main Configuration

- ✓ Control: Microprocessor
- ✓ Status display: Indicator light
- ✓ Steam generator: Built-in steam generator, stainless steel 304
- ✓ Water tank: Stainless steel 304
- ✓ Chamber material: Stainless steel 304
- ✓ Door: Safety interlock door
- ✓ Loading: Stainless steel removable sterilization tray
- ✓ Language: English
- ✓ Voltage: 220V single phase, 220/380V three phase. 50/60Hz



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Horizontal Cylindrical Pressure Steam Autoclave

Model Series YR05635 // YR05639



| Model | YR05635 | YR05636 | YR05637 | YR05638 | YR05639 |
|----------------------------------|---------------|---------------|---------------|----------------|----------------|
| Volume | 150 Liters | 200 Liters | 300 Liters | 400 Liters | 500 Liters |
| Chamber volume | Ø440×1000 mm | Ø500×1000 mm | Ø600×1080 mm | Ø700×1100 mm | Ø700×1300 mm |
| Working pressure | | | 0 - 0.22 Mpa | | |
| Working temperature | | | 134 °C | | |
| Working temperature range | | | 105 - 134 °C | | |
| Timer | | | 0-60 min | | |
| Heat average | | | ≤1 °C | | |
| Power | | 9 KW | 12 KW | 18 KW | |
| Product dimension (mm) | 1400×600×1500 | 1400×670×1650 | 1400×770×1780 | 1430×880×1820 | 1800×900×1820 |
| Package dimension (mm) | 1560×750×1850 | 1560×820×1850 | 1680×920×2050 | 1680×1050×2050 | 1850×1050×2050 |
| Gross /Net Weight | 320/240 kg | 350/260 kg | 465/365 kg | 530/420 kg | 580/470 kg |



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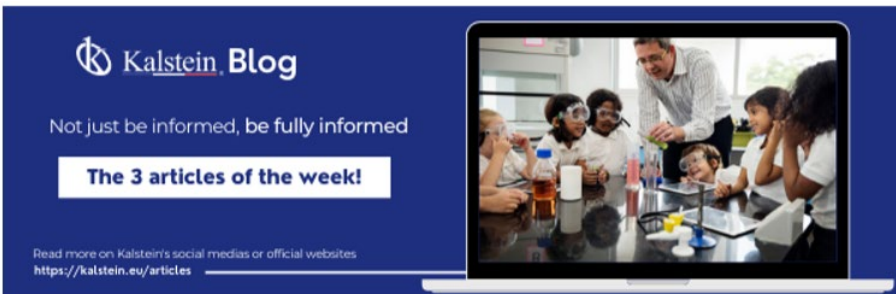
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microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

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2
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refrigerator is a device that is one of the most common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances

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What is the importance of the laboratory refrigerator?

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