



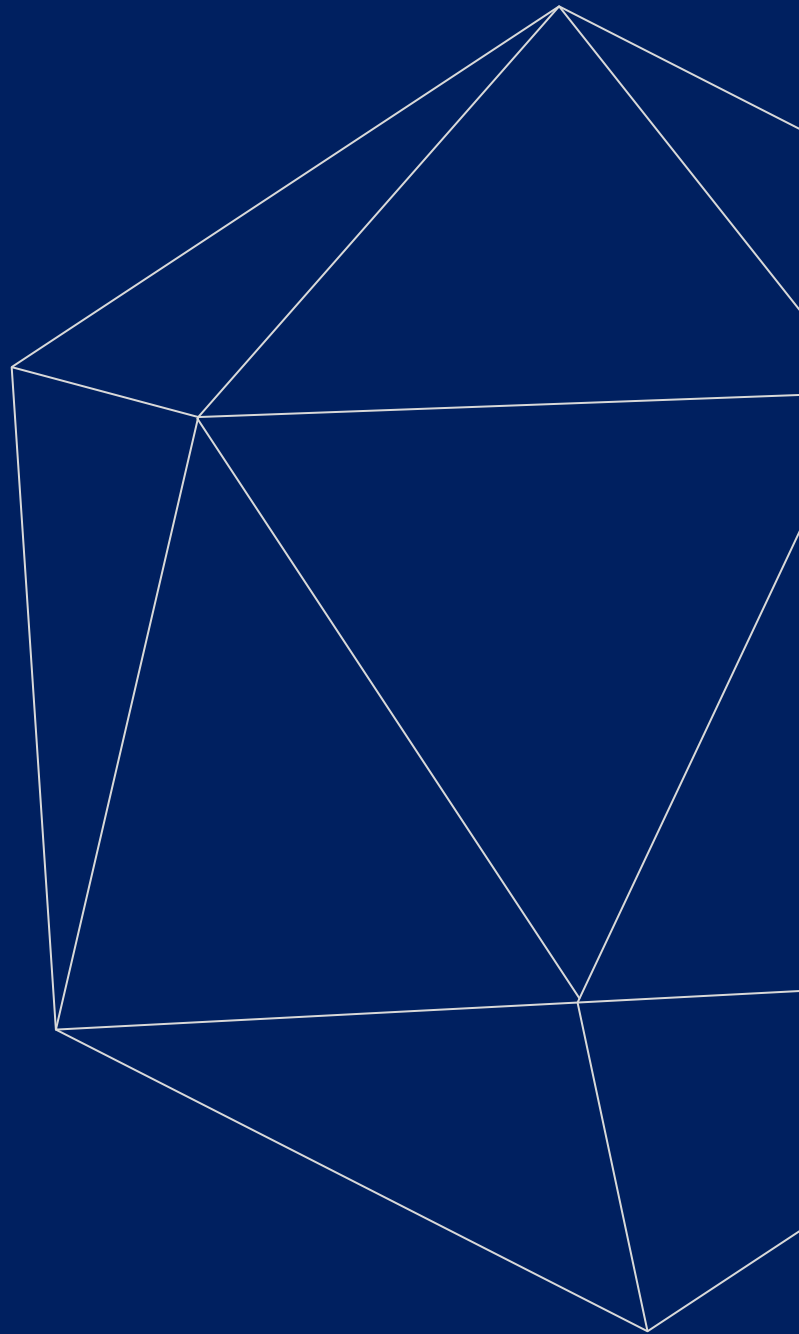
LABORATORY LINES

AUTOCLAVE



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LCD Touch Screen Vertical Pulsating Vacuum Autoclave

Model Series YR0B50Y

Product Features

- ✓ Automatically controlled by microcomputer, LCD color touch screen operation.
- ✓ 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, the drying effect can reach 100%.
- ✓ The vacuum rate can reach -0.096Mpa, it fits various instruments, including packed, unpacked, dressings, solid, A, B type hollow whether multi-apertures or inset pipes.
- ✓ With 15 pre-set programs, 1 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.
- ✓ 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.
- ✓ The inner chamber is made of AISI316L, thickness is 4mm.
- ✓ Built-in printer, USB port.
- ✓ Accessories: 2 pcs stainless steel baskets.



Main Parameters

- ✓ Design pressure: -0.1/ 0.3Mpa
- ✓ Working pressure: 0.23Mpa
- ✓ Working temperature range: 105 - 138°C
- ✓ Vacuum rate: -0.096Mpa
- ✓ Temperature uniformity: $\pm 0.5^{\circ}\text{C}$
- ✓ Accuracy of temperature: 0.1°C
- ✓ Sterilization time: 0 - 99 min
- ✓ Drying time: 0 - 99 min
- ✓ Heat average: $\pm 1^{\circ}\text{C}$

Main Configuration

- ✓ Control: Microcomputer
- ✓ Door: Hand wheel type safety interlock door.
- ✓ Display: 4 inch LCD color touch screen
- ✓ Drying system: Vacuum drying
- ✓ Steam generator: Built-in
- ✓ Sterilization program: Pre-set cycle + User-defined cycle
- ✓ Sterilization basket: 2 PCS
- ✓ Language: English
- ✓ Voltage: 220-380V, 50/60Hz



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LCD Touch Screen Vertical Pressure Steam Autoclave

Model Series YR0B50Y

Sterilization Field: Lab / CSSD / Research institutions, etc...
 Sterilization Object: Unwrapped instruments/Wrapped instruments/Textile/Rubber/Implant/Liquid/Waste, etc...

Safety Devices

- ✓ 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.



Model	Chamber size (Dia×D)	Outer size	Packing size	G.W. / N.W.	Power
YR0B50Y	50L / Ø316×667 mm	476×616×990 mm	600×720×1200 mm	120 kg / 100 kg	3.0 KW
YR0B80Y	80L / Ø386×695 mm	546×688×1030 mm	720×820×1250 mm	130 kg / 110 kg	4.5 KW
YR0B100Y	100L / Ø386×860 mm	566× 708×1295 mm	720×820×1450 mm	140 kg / 120 kg	5.4 KW
YR0B120Y	120L / Ø450×760 mm	620× 760×1190 mm	770× 880×1380 mm	160kg / 140 kg	7.2 KW
YR0B150Y	150L / Ø500×780 mm	680× 820×1280 mm	680× 920×1450 mm	200kg / 180 kg	9.3 KW



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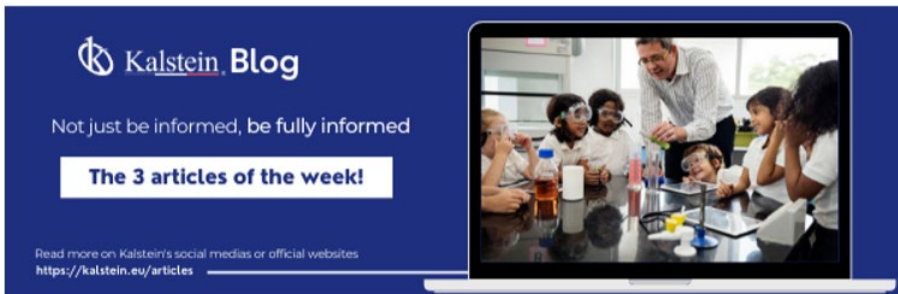
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PARIS - FRANCE
HEADQUARTER
2 Rue Jean Lantier
75001 Paris - France

Tlf: +33 (0) 01 78 95 87 89
Cel: +33 (0) 6 80 76 07 10
sales@kalstein.eu

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