



# Vertical AutoClave VertiClave



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VertiClave, a vertical autoclave, comes supported with a free QR code for equipment maintenance and calibration in labs. With each machine, a unique QR code is assigned to enable engineers to enter data about their work in various formats such as PDFs, images, or text. The accumulated data is then compiled to generate a comprehensive report on the equipment's performance and maintenance needs. Furthermore, users can easily scan the QR code to reserve equipment, reducing wait times and overlapping bookings. To learn more about Qlabtics' solutions for laboratory equipment management, maintenance, and calibration, visit their website at [www.qlabtics.com](http://www.qlabtics.com).

# VertiClave 300/500/750



## The VertiClave, developed by Qlabtics, boasts an impressive range of features to meet all your autoclaving needs.

### I. Robust structure

1. The shell case is made of high-temperature thermoplastic material with exceptional impact resistance, while the pot body is made of food-grade stainless steel (304).
2. The lid opening and closing device uses a lever-type, multi-link, synchronous telescopic structure, ensuring flexible and light operation while maintaining safety and reliability.

II. Precise control and operation The console features an LCD graphic window with a dynamic display, allowing for easy function selection using scrolling graphics and text. The entire sterilization process is monitored by a microcomputer graphic display and automatic cycle control. The autoclave also shuts down automatically after sterilization with an alarm for added safety.

### III. Advanced functions

- The one-button sterilization function selection enables quick and clear choices based on different items.
- An air-cooled chilling device ensures rapid cooling of the pot body after sterilization, reducing lid opening time.
- The autoclave has a preheating and melting function for sterilized items, with time and temperature selection for the items to be dissolved.

- Optional: A USB interface is available for convenient monitoring of the process and data collection.
- The sterilization reservation function allows users to start the process at a set time.
- An automatic fault detection and judgment system is in place.
- The full-automatic control model features a function for discharging low-temperature air and exhausting steam when the sterilization procedure ends.

### IV. Robust safety features

1. The safety interlocking device structure features electronic and mechanical interaction, automatically locking the lid when there is pressure in the pot and preventing any danger resulting from improper operations.
2. The autoclave has a double protection system with a mechanical safety relief valve and an electronically controlled overvoltage protective device.
3. It also has a heater anti-drying protection function and a leakage protection system.

# VertiClave 300/500/750



Models	VertiClave 300	VertiClave 500	VertiClave 750
Configuration	Full-automatic control, Automatic Exhaust		
The main material	Stainless steel (304)		
Volume/GW 0	30L/97Kg	50L/101Kg	75L/113.5 Kg
Voltage/Power 0	220V/3.5Kw		
Packing size (L x W x H mm) 0	780x660x1160	780x660x1160	780x660x1320
Product size (L x W x H mm)	570x630x970	570x630x970	570x630x1140
Sterilization chamber volume(D x H mm)	370 x 320(30L)	370 x 500(50L)	370 x 690(75L)
Basket size(D x H mm)	335 x 190 1 basket	335 x 360 1 basket	335X190 & 360 2 baskets
Time setting range	0-99 h		
Rated working pressure	0.217MPa		
Sterilization temperature	50 ~ 134°C		

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