

## Vertical Autoclave SLES 15 PSI

### Introducing the Vertical Autoclave Economy Series by Cominus Scientific - Your Trusted Sterilization Solution

Cominus Scientific is proud to present the Vertical Autoclave Economy Series, designed to meet the stringent sterilization needs of laboratories, medical facilities, and research centres. Engineered with precision and reliability in mind, this autoclave series combines cutting-edge features, such as a PID controller-based microcontroller, a sliding lock mechanism, and optimal pressure and temperature settings. Let's delve into the exceptional qualities that make this autoclave a standout choice.

Experience advanced sterilization technology with our Vertical Autoclave Economy Series, featuring microcontroller-based PID control. Designed to meet the demands of modern laboratories, this autoclave combines precise temperature control, efficient performance, and user-friendly operation.

As a trusted name in scientific equipment, Cominus Scientific prioritizes product quality and customer satisfaction. The Vertical Autoclave Economy Series undergoes rigorous testing and adheres to industry standards, providing you with peace of mind and confidence in your sterilization processes. Our commitment to excellence is evident in every aspect of our autoclave's design and performance.



## Features

- **Efficient Sterilization Performance:**

With an operating pressure of 15 psi and an operating temperature range of 125 degrees Celsius, the Vertical Autoclave Economy Series ensures efficient and thorough sterilization. This autoclave effectively eliminates bacteria, viruses, and other microorganisms, providing a safe and sterile environment for your laboratory equipment, glassware, and media.

- **Secure Sliding Lock Mechanism:**

Efficiency and convenience are paramount in any laboratory setting, which is why our autoclave features a reliable sliding lock mechanism. This mechanism guarantees secure and tight sealing during the sterilization process, preventing any potential leaks and maintaining a controlled environment within the chamber. Your samples remain safely sealed throughout the entire sterilization cycle.

- **User-Friendly Interface:**

Designed with user convenience in mind, the Vertical Autoclave Economy Series boasts an intuitive control panel. The clear display and user-friendly interface enable effortless programming and monitoring of sterilization cycles. Adjusting temperature, pressure, and cycle duration is a breeze with the straightforward buttons, allowing you to streamline your workflow and maximize productivity.

- Precise temperature control for accurate heating.
- Excellent temperature uniformity and stability.
- Digital temperature display for easy monitoring.
- Programmable settings for automated temperature profiles.
- User-friendly control panel for easy operation.
- Durable construction for long-lasting performance.
- Safety features including over-temperature protection and door interlocks.
- Versatile and suitable for various applications in research, industry, and scientific settings.

## Technical Specifications: -

Model	CM-VAV-SLES-50	CM-VAV-SLES-90	CM-VAV-SLES-150	CM-VAV-SLES-200
<b>Capacity (Litres)</b>	50	90	150	200
<b>Operating Temperature (°C)</b>	100-125 °C	100-125 °C	100-125 °C	100-125 °C
<b>Operating Pressure (PSI)</b>	15 PSI	15 PSI	15 PSI	15 PSI
<b>Lock Mechanism</b>	Sliding Lock	Sliding Lock	Sliding Lock	Sliding Lock
<b>Microcontroller based PID control</b>	Yes	Yes	Yes	Yes
<b>Heating System</b>	Efficient and rapid heating system.	Efficient and rapid heating system.	Efficient and rapid heating system.	Efficient and rapid heating system.
<b>Chamber Construction</b>	AISI 304	AISI 304	AISI 304	AISI 304
<b>Chamber Dimensions</b>	Ø350 x 500	Ø450 x 600	Ø550 x 700	Ø600 x 750
<b>Power</b>	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz
<b>Warranty</b>	1 Year	1 Year	1 Year	1 Year

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