



SURGICAL & SCIENTIFIC EQUIPMENTS

Conica Enterprises

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LABORATORY RESEARCH AUTOCLAVE RADIAL TYPE MICROPROCESSOR CONTROL

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**LABORATORY RESEARCH AUTOCLAVE REDIAL TYPE MICROPROCESSOR CONTROLLED ---- with
air purging and Auto exhaust (Item code 1049)**

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As a specific requirement for **laboratory research Vertical Autoclave with Central Locking System Lid in diameter 12", 14", 16", 18", 20 and now in 22"** CONICA vertical sterilizer made out of total medical grade stainless steel (16Gage) and top lid is Die pressed 6mm thick solid S.S. plate. And polished for the elegant appearance.. equipped with steam release valve, and drain cock. Specially designed heat resistant gasket. New type of **element of 2Kw/3Kw is covered by a removable cover to protect against electric shock.**

CONICA vertical sterilizer with automatic controls and safeguards to manage daily sterilization in the laboratory with saving electricity.

CONICA vertical sterilizer is equipped with low water level cut-off system. When water level falls down the equipment automatically cuts power supply to protect the elements from burning out dry.

CONICA vertical sterilizer has thermal-control device (MICROPROCESSOR CONTROLLED)(Digital temperature controller) incorporated. It economizes on power consumption since it cuts-off the power supply to heaters when the pressure is achieved at 15psi and 121 degrees Centigrade and re-energies the heating elements when pressure falls below the set point.

CONICA vertical sterilizer's front panel is provided with pilot lamps to depict various phases of the cycle, Alarm buzzer for the completion of the sterilization cycle.

All phases of the sterilization cycle are MICROPROCESSOR- CONTROLLED such as **steam generation process, auto air purging phase, sterilization and auto steam exhaust phase.** These proceed automatically and can be easily MONITORED. At any time during the cycle the operator **can appraise of the current (present) Temperature, the remaining sterilization or drying time, the successive phases and the water level of the resaves by means of the alphanumeric display.** If any abnormal condition occurs, **error messages are conveyed via audible alarm as well as the alphanumeric**

display, thanks to the **self diagnostic function of the microprocessor software.**

The autoclave has **an in-built air-purging system controlled by the microprocessor which affords reliable air purging for effective Air-Removal during the sterilization phase. Presence of air inside the sterilizing chamber during the sterilization phase is detrimental to the quality of sterilization** because it hampers uniform distribution of steam and heat. Air is a poorer conductor of heat than steam and dry air has much less spore-killing power than steam.

[Vendor Information](#)