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**Product Name :**  
Vertical Autoclave Steam Sterilizer

**Product Code :**  
LBNY-0001-800013



**Description :**

Vertical Autoclave Steam Sterilizer

**Technical Specification :**

Vertical Autoclave (Steam Sterilizer)

Instrument used for complete sterilization of glassware, media and plastics used in the laboratory or complete decontamination of the cell culture media and microbial cultures for disposal.

Functional (Performance) Requirements:

Complete sterilization of glassware, media and plastics used in the laboratory.

Complete decontamination of the cell culture media and microbial cultures for disposal.

Size/Dimension and Capacity

Dimensions is: Working Chamber (Width x Height x Depth): (110 - 130 cm ) x (120 - 140 cm) x (80 -100cm) with chamber size/volume of 80 to 120 liters.

Loading

Top loading, lid safety and opening together by mechanically and electronically.

Temperature range

Sterilization temperature range: from 105°C to 135°C (up to 138°C).

Disinfection/Isothermal Temperature range from 60°C to 130°C.

Temperature Accuracy :  $\pm 0.5$  °C at 121°C

Control and display

Microprocessor control panel (Fully Automatic PID Control  $\pm 0.1$ °C.)

Automatic Pressure Control, steam control and water cut-off options.

Digitalized (LED) display of water level, pressure and temperature and any errors in these could be indicated by

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color coded warnings.

Programmable with timer and buzzer/beep settings.

Stand by mode on being idle for 4 hours, memorized Program options and continuation in case of power interruptions.

Timer Automatic START/STOP timer

0-50 °C and up to 80% humidity

Electrical Power: 220 ±10ACV, 50Hz.



**Laboratory Instrument India**