

# Horizontal Cylindrical Autoclave

Model No: CA -2801



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

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### CYLINDRICAL HORIZONTAL AUTOCLAVES

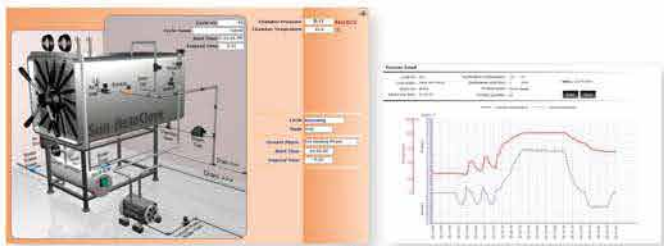
Sr. No.	Model No.	Chamber diameter (mm)	Chamber Depth (mm)	Chamber Volume (Liters)	Steam Generator Capacity (Liters/ kw)	Floor Space (Width x Depth)
1	SS/CS/S-09	400	600	81	45-18	990 / 1800
2	SS/CS/S-18	500	900	185	55/36	1200 / 2300
3	SS/CS/S-27	500	1200	248	55/36	1200 / 2700

### RECTANGULAR HORIZONTAL AUTOCLAVES

Sr. No.	Chamber Width (mm)	Chamber Height (mm)	Chamber Depth (mm)	Chamber Volume (m <sup>3</sup> )/(Ft. <sup>3</sup> )	Chamber Capacity (Liters)	Floor Space (Width x Depth)
1	450	450	900	0.18/6.75	191	1500 / 2300
2	600	600	1200	0.432/16	450	1700 / 2700
3	600	600	1500	0.54 /20	563	1700 / 2700
4	900	900	1500	1.215/45	1269	2200 / 3000

- Sterilization at standard 121°C & 134°C cycles which are pre-programmed in the memory of the PLC / Microprocessor. The user can define custom cycles.
- Electrical Steam Generator of SS 304/316L provided for all cylindrical models.
- Temperature uniformly and accurately maintained throughout the chamber to within  $\pm 0.5^{\circ}\text{C}$  of the set sterilization temperature.
- Double pressure switches used for reducing energy consumption and preventing accidents. Float Switches provided for low-water cut-off thus preventing damage to heaters.
- Door is automatically locked when chamber is under pressure to ensure safety. For manual machines Unique Multi-port Valve at the top controls all operation during the cycle.

- Jacket and Chamber Safety valves, and Heat resistant Silicon Gasket provided. Chamber & Jacket tested hydraulically at twice the working pressure.
- Chamber, door and Jacket fabricated out of SS 304 / SS 316L grade steel. Resin bonded glas-wool provides adequate insulation
- Power Supply is 440 V Ac. Heating load varies from 9 to 18 kw depending on the model.
- Reduced Cycle times: Initial load 35-40 mins. Subsequent cycle time mins. in Manual mode.
- Gauge Glass indication for water level. Sterilizer mounted on tubular powder coated stand with leveling flanges provided.
- Optional Automation and Water-ring Vacuum pump provides the user with accurate sterilization and 100% drying facilities in.



- State of the art SCADA (Supervisory Control & Data Acquisition) software allows remote operation & monitoring of the machine.
- Reports generated by the software in 1) Detailed Data Format, 2) Single page summary, 3) Graph {Trend} can be printed.
- Digital Data Back-up facility
- Audio Alarm & Visual Display of Error messages on Video Screen and on the computer Screen too.
- Supervisory access codes and Password protection for prevention of unauthorized access.

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

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