

Vertical Autoclave (Deluxe Model)



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ACMAS Technologies Inc.

CE An ISO 9001:2000 Company

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Introduction :

OBROMAX is a name of quality and quick service, an asset to Hospitals, Pharmaceutical, Tissue culture, Bio-fertilizer Laboratories and research institutes with modest sterilizing needs, where contaminated objects require sterilization. Since last 25 years OBROMAX have made its primary objectives to help fight the spread of infections, caused by pathogenic micro-organisms. We represent most innovative and advanced technologies in our products supported by our most efficient customer support network.

Construction :

The inner and outer chamber is made of high-grade stainless steel sheet; the strong and sturdy sheet lid is also made of high grade stainless steel sheet. The unit is fitted with very efficient radial locking system made of mild steel, chrome plated, with paddle lifting device. Supplied complete with stainless steel basket. The unit is fitted with safety valve, pressure release valve, water level indicator, cord and plug.

Height	X	Dia
450mm	X	250mm
500mm	X	300mm
550mm	X	300mm
600mm	X	450mm
750mm	X	550mm



Note: Special sizes can be fabricated as per the customer's requirement.

Mode of Heating :

Electrically heated by special flange type/immersion type heaters bearing ISI mark, to work on 220 volts single phase 50 cycles.

Working Pressure:

The pressure inside the chamber is variable from 5 psi. to 20 psi. But the normal recommended pressure for sterilization process is 1.2 kgf/cm sq.g (15 psi - 17 psi)

Working Temperature : 121° C

Hydrotest Pressure : 2.5 kgf/cm sq.g (35 psi)

Standard Controls :

- Double safety radial locking arrangement.
- Stainless steel steam release valve.
- Spring loaded safety valve of stainless steel (grade SS-304)
- Water inlet and water valves.
- Water level indicating gauge glass with stainless steel guard.
- Pressure gauge.
- Electrical control box, fitted with toggle switch, indicating
- Neon lamps and steam release valve.
- Foot paddle lifting device.

Optional Accessories :

Automatic Pressure Control Switch (Pressure control switch - INDFOSS PIEZOSTAT) - This semi-automatic device controls the pressure inside the chamber mechanically and cuts-off the current from the heating elements, when the desired/ set pressure value level is attained inside the chamber and restarts the mechanism once the pressure inside the chamber falls from the desired level.

Automatic Water Cut-off Device - This device is a safety device which protects the heaters from running dry. This device ensures that the machine is automatically switched off in case the desired water level falls below the prescribed level.

Temperature Indicator (Dial Type) - This device indicates the temperature inside the chamber.

Mechanical Timer with Alarm System - This is a semi-automatic device which is initiated once the pressure level inside the chamber reaches the desired value, it regulates the sterilization time of the media to be sterilized and when the desired time is passed, it activates the buzzer, which indicates that the sterilization cycle is complete and media can be extracted.