

Specification for Vertical Autoclaving System

System A

- 1) Fully automatic microprocessor control programable vertical Autoclave system
- 2) Heating Chamber Capacity : **100-110 L**
- 3) The Operational temperature for Sterilization : 135°C or more
- 4) Maximum operating pressure range: 2.5 bar or better
- 5) Sterilization Program facility: should have 15 or more
- 6) Display LCD
- 7) Should include Flexible PT-100 temperature sensor for reference vessel
- 8) System should have safety device like Lid interlock system, Double check system of lid close , Over pressure detector, Over Temperature detector, Water leak preventer, Sensor break indicator, Abnormal time indicator, Memory of power failure, Safety valve, Breaker for slight leakage, over current & short circuit .
- 9) System must have facility for **Vacuum drying with sealed vacuum pump**
- 10) Vacuum drying temperature range 60 to 150 °C or better
- 11) System with facility of drying heating through 0.2µm micro carriage filter
- 12) System must be CE certified
- 13) System compliant with EMC Standards
- 14) Material of chamber : SUS304 Stainless steel or better
- 15) Material of enclosure : Steel with melamine resin/Heat-resistance plastic
- 16) Power requirement : AC220/230/240V, Single phase 50/60 Hz
- 17) Accessories : Drain hose , water supply hose , Stainless wire basket (two nos with each unit) and Stainless Steel bucket (two nos with each unit)
- 18) Warranty: Minimum of three years followed by two years of AMC

System B

- 1) Micro computer control vertical Autoclave
- 2) Heating Chamber Capacity : **45-50 L**
- 3) The Operational temperature for Sterilization : 127°C or better
- 4) Maximum operating pressure range: 1.8 bar or better
- 5) Display LED/LCD
- 6) Safety device like Over pressure detector, Over Temperature detector, Water leak preventer, Sensor break indicator, Abnormal time indicator, Memory of power failure, Safety valve , Breaker for slight leakage, over current & short circuit.
- 7) System Must be CE certified
- 8) System compliant with EMC Standards
- 9) Material of chamber : SUS304 Stainless steel or better
- 10) Material of enclosure : Steel with melamine resin/Heat-resistance plastic
- 11) Power requirement : AC220/230/240V, Single phase 50/60 Hz
- 12) Accessories : Exhaust drain tank, Stainless wire basket (two nos with each unit)
- 13) Warranty: Minimum of three years followed by two years of AMC