

Specification for Vertical Autoclave System (Quantity 1)

- 1) Fully automatic microprocessor control programmable vertical autoclave system.
- 2) Heating chamber capacity: 100-110 L.
- 3) 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 and 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 cartridge 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 (2 no's with each unit) and Stainless steel bucket (2 no's with each unit).
- 18) Warranty: Minimum of 3 years followed by 2 years of AMC.