

Specifications for fully automated horizontal autoclave

1. The sterilizer should be fully automatic with radial arm single door, stainless steel shooting bolts and stainless steel locking device.
2. It should be horizontal, rectangular with capacity of 175-200 liters.
3. The complete door should be SS304.
4. The sterilizer should have built in steam generator.
5. The steam generator should be of SS304 with auto filling system and with auto low water cut off system.
6. The sterilizer should have chamber and jacket of SS316
7. The autoclave should be operable at 121°C-134°C and pressure of 30-32PSI.
8. The complete sterilizer should have SS 304 stand with hexagonal leveling legs.
9. The jacket should be insulated along with the boiler.
10. The sterilizer should have programmable cycles.
11. The sterilizer should have electrical safety and mechanical safety.
12. It should have a pressure-controlled device for monitoring pressure.
13. Should have the facility to automatically cut off the power supply to heaters when the set pressure is achieved and re-energise the heating element when pressure falls below the set point.

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14. Element should be high grade flanged type
15. Should have safety at boiler as well as jacket and chamber separately.
16. All the fittings should of SS304 fitted with the calibrated parts and the calibration certificates shall have to be submitted .
17. The steam and drain pipes should be insulated with different colors for clear significance.
18. Should be provided with 5yr comprehensive warranty.
19. User list must be submitted along with offer.
20. Company should be ISO/ISI/EU(European Union) certification.  
Certified that the specifications are broad based, general in respect to the requirement and not suit to any to any particular firm/brand.

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