

TECHNICAL SPECIFICATIONS

PASTEURIZER/ SHAKER WATER BATH

1. Water bath shall be made up of double walled inner and outer chamber of stainless steel.
2. Micro-processor controlled temperature regulation should provide temperature of 62.5°C and temperature constancy $\pm 0.5^{\circ}\text{C}$.
3. Optimum temperature distribution should be throughout bath interior. Temperature display and setting digitally via LED display.
4. The machine should be digitized which has **temperature control, the time control and the shaking speed Control option.**
5. Should have heating by immersion heater.
6. Over-temperature cut out electronically, $3^{\circ}\text{-}5^{\circ}\text{C}$ above set temperature.
7. Instrument should have electronic timer with display and buzzer to provide set temperature for a fixed period time.
8. Constant shaking frequency, independent of load, should be possible.
9. Maintenance free and durable shaking device electronically controlled and continuously set tables shaking motion with gentle start-up.
10. Bath interior and shaking rack made up of stainless steel.
11. Drain cock to empty the bath.
12. Tray capacity of 9 stainless steel containers of 250 mL each .
13. Shaking device by AC/DC geared motor with suitable rpm setting & speed control by electronic speed regulator.
14. Shaking tray made of stainless steel 304 with clamps for containers.
15. Facility for securing each container on the tray during pasteurization to prevent spillage
16. The clamps for the containers made of stainless steel 304 quality, to screw onto Shaking tray, supplied complete with fixing material.
17. The entire water is rained out from the Drainage Point.
18. The machine is dry cleaned using a soft cotton cloth.
19. **should be supplied with 250mL , 18 NO's Steel Containers .**

Terms & Conditions:

1. Manufacturer should have ISO 13485 Certificate.
2. Equipment should be ISI/CE certified.
3. **Guarantee:** Two years on equipment from the date of installation.
4. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for three years (on yearly basis) after completion of Guarantee period of two years.
5. Installation will be done by supplier free of cost.
6. The service engineer should be based in Rajasthan.
7. The company should mention the make & model name / number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.


Executive Director (EPM)
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