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Specification of Table top Refrigerated Centrifuge

1. The system should have a maximum speed of 14500 +/- 5% RPM.
2. The system should have the maximum rcf of 21,150g
3. The system should have LCD Display with Microprocessor based control System.
4. The system should have Direct, Brush less induction low profile motor drive system
5. The system should have Imbalance Detection system.
6. The system should have Soft-touch one-finger lid closure for easy operation
7. The system should have adjustable temperature ranging from -10° C to 40° C
8. The system should have Pre-cooling system with Direct Button.
9. The system should have the Fast Temp function for quick pre-cooling of the centrifuge from Room temperature to 4 °C in 10 minutes
10. The system should have Max Timer Range of 35 secs to 9:50 hrs, with continuous run function.
11. The system should have Automatic lid opening at the end of the run to prevent the sample and allows easy access to samples
12. The system should have Power failure and Temperature Alarm
13. The system Should have soft brake to protect sensitive sample.
14. The system should have option for auto power shut off after 8 hr of non- use to extend the compressor life.
15. The system should be supplied with 24x1.5 and 2.0ml Fully autoclavable and aerosol tight rotor with lid for safe centrifugation of hazardous samples.
16. The system should have a Sound Level of < 55dB(A).
17. The system should have efficiency and low power consumption.
18. The system should be supplied with all the accessories required to function. Compliance to each of the above points should be separately indicated and evidence presence for each of them (Product brochures should be highlighted wherever required).
19. The system should be quoted with suitable rotors as optional
20. The system should be supplied with 3 year warranty.
21. The system should be CE/ISO Certified