

**TECHNICAL SPECIFICATIONS**  
**ELECTROLYTE ANALYZER**

1. Analyzer should measure Na<sup>+</sup>, K<sup>+</sup>, CL status in blood, serum, plasma, urine.
2. Analyzer must be compact and single unit.
3. Analyzer should accept sample from sample, tube/cup.
4. Printer should give quality control data, daily and weekly summaries, calibration.
5. Calibration must be automatic as well as on demand.
6. Please specify automatic calibration/wash cycle time during sleep/standby mode.
7. Analyzer must store reasonable number of quality control and patients results.
8. Interval tubing must be minimum and should be service friendly, any accidental bubble in the system should easily be dislodged.
9. Service engineer should be Rajasthan based & available within 48 hrs.
10. The life of electrodes should be at least 1 year.
11. Comprehensive guarantee period (with spare parts) for a period of three years from the date of installation and demonstration of equipment which excludes consumable.
12. Instrument should be based on ISE (Direct Potentiometer).
13. Equipment should be USFDA & European CE Approved. (Valid documentation should be submitted in technical bid).
14. Company should quote Comprehensive Maintenance Charges (CMC) for 5 years in BOQ.
15. Four Preventive Maintenance services annually during Guarantee and CMC period are essential.
16. Firm will be supply suitable rating UPS of minimum half an hour backup along with machine.
17. The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted product along with catalogue in the Technical bid.
18. Installation will be done by supplier free of cost.
19. Demonstration of the quoted equipment is must for final technical approval.

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