

TECHNICAL SPECIFICATION
SEMI AUTOMATED URINE TEST STRIP ANALYZER

1. Analyzer meant for quantitative analysis of Urine analysts using reflectance photometry principle.
2. The analyzer must have the flexibility to select 3 different analysis modes.(General, one by one, quick mode)
3. Throughput of minimum 500 tests/hour and can be upgraded to maximum.
4. Should be able to analyze - 10 parameters - Leucocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific - Gravity, Ketones, Bilirubin, Glucose.
5. Test wave length should be 460nm to 660 nm.
6. Should have powerful sensor to automatically detect the presence of Urine Strips on the measuring area.
7. Should have touch screen/key pad for patient name and sample ID management system.
8. Should have built in higher speed thermal printer.
9. Can be connected with external bar code reader.
10. Should have storage capacity 1000-1500 patients' result and 50 QC result.
11. Should have flagging facility to demonstrate normal and abnormal results.
12. Firm should quote rates of Multi parameter strip and Albumin and Sugar strip and provide 10x100 strips of multi parameter.
13. Unit should be ISI/CE/USFDA approved.
14. UPS of with minimum half an hour backup should be provided.
15. **Guarantee:** Two years on equipment from the date of installation.
16. 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.
17. Installation will be done by supplier free of cost.
18. The service engineer should be based in Rajasthan.
19. Demonstration of equipment is must for technical approval.
20. The company should mention the make & model name of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per amended technical specifications.
21. Firm should mention all the pre-installation requirements in technical bid like air conditioning, dust proofing, pest proof, electrical supply with proper earthing, water supply and drainage facility.


Executive Director (EPM)
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