

1893

TECHNICAL SPECIFICATION: 5 PART HEMATOLOGY ANALYZER  
(Without Autoload)

① Principle: \* RBC & PLT. counting by Impedance and resistant method.

- \* - Cyanide free Haemoglobin detection reagent.
- \* - Flow cytometry + laser scatter + chemical dye method for "WBC Differential" and Total WBC.

② PARAMETERS: - WBC, Lym%, Mon%, Neu%, Baso%, Eos%  
Lym #, Mon #, Neu #, Eos #, Bas #, RBC < Hgb < HCT < MCV  
< MCH < MCHC < RDW - CV, RDW - SD, PLT, MPV, PDW, PCT,  
P-LCR, P-LCC 4 Research and 2 Histograms for RBC  
and PLT 2 scatter grams.

③ SPEED: - upto 60-100 samples per hour through put.

④ MEMORY: - Data storage capacity upto 4000 results including numeric and graphical information.

⑤ Display 10.4 inch TFT touch screen.

⑥ COMMUNICATION: -

- \* LAN Port supports HL7 and LIS protocol.
- \* Interface, USB, LAN, COM, support bidirectional LIS.
- \* External printer to be provided free of cost.
- \* "UPS" to be supplied along with instrument - free of cost.

⑦ AMC/CMC cost to be mentioned.

⑧ List of customers to be provided with satisfactory report

⑨ All reagents (diluent, lyse, clean soln. probe, <sup>External</sup> ~~inlet~~ tubing set ~~etc~~) at least one set each should be supplied with instrument.

⑩ Local trained service Engineer should be available.

⑪ All reagents required for instrument and spare parts should be available locally from company or from its authorised distributors.

⑫ one instrument model to be <sup>quality</sup> ~~given~~ for Tender. (193)

⑬ Minors parameters :-

- + Quality control - system should have supported by Internal & External quality control programme.
- + The systems should have a low cost per test.
- + Firm should have ISO certificate for quality standard.
- + 2 counting modes - whole blood and prediluted.

⑭ Warranty 2 year after date of purchase.

*Sumit*  
17/1/13