

T.No. 65.12.8024

Specifications for 5 part Blood Cell Counter.[Fully Automatic Haematology Analyzer].

*It should work on the following principles:-

It should have a DC detection method (RBC, PLT).

The Flow cytometry should be by using a semiconductor laser (WBC).

SLS-hemoglobin method (HGB). Cumulative pulse height detection method (HCT).

The following parameters are essential:-WBC, NEUT%, LYMPH %, MONO%, EO%, BASO%, NEUT%, LYMPH%, MONO%, EO%, BASO%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, MPV AND P-LCR*

*The output should be approximately 80 to 90 samples per hour.

*Data storage should be minimum 1,000 test results which should include histograms & scatter grams.

- Sample volume required is:-

270 for CP Sampler Mode. 270 μ L for Manual CP Mode.

170 μ L for Manual Mode. 40 μ L for Capillary Mode.

- Dimension standards required are :W x H x D (mm)

Main Unit : Approx. 580 x 600 x 451. CP Sampler : Approx. 580 x 302 x 280.

Manual CP Unit : Approx. 200 x 330 x 90. Pneumatic Unit : Approx. 195 x 333 x 395.

*Weights (kg) should be of the

Main Unit : Approx. 58. CP Sampler : Approx 14.5.

Manual CP Unit : Approx. 5. Pneumatic Unit : Approx. 15.5.

- Peripheral Interface required is:

Serial port for host computer. Parallel port for Data Printer DP-510.

Parallel port for Laser Printer.

*Power requirements :

117VAC+/-10%, 220VAC+/-10% 240VAC+/-10% (50 or 60 Hz).

- Simple Operations via Touch-sensitive Color Screen are required.

Minor parameters.

Quality Control.- Firm may submit its past supply performance/credentials e.g. ISO certificate etc.

The system should have a low cost per test . All reagents required and spares should be available locally from the company or through it's authorized distributor. Manufacturer of the system should be of repute for high quality& reliable system & the distributor should have a local trained technical service & application support system. Should provide a previous customers list with satisfactory performance report.

Firm must confirm for entering into AMC/CAMC for five years with consignee after expiry of warranty period.

For Controller of Stores