



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

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**Product Name :**

18 parameter Haematology Analyser

**Product Code :**

SLE/CL/76



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## Description :

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**Method:** Flow-cytometry, colorimetry, electrical impedance

**Sample:** Whole blood

**Scope:** Complete blood count (CBC), with 5-part differential, for routine haematology

**Platform:** Bench-top, open, automated system

**Throughput:** 50 to 100 samples per hour

**Parameters:** Red blood cell (RBC), white blood cell (WBC), haemoglobin (HGB), haematocrit (HCT), mean cell volume (MCV), Mean cell haemoglobin (MCH), red cell distribution (RDW-SD and RDW-CV), platelets (PLT), platelet distribution (PDW-SD and PDW-CV), mean platelet volume (MPV), WBC differential (neutrophils, lymphocytes, monocytes, eosinophils and basophils) Data management system built in for analysis and reporting, stores at least 100 patient data, including quality control and calibrators.

Results reportable via external printer.

Printed test results show sample ID, date and time, test results can be reported in graphs, histograms, scatter graphs

Quality control flags abnormal results, auto-calibration

**Power requirements:** 220V/50Hz, with voltage surge protection

The equipment tolerates harsh environment, such as high humidity, operating temperature 15C to 35C

Connects to external PC via USB, can interface to LIS (Laboratory Information System)

Casing is of corrosion-proof material.

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