

**Product Name :**  
Haemoglobin Meter**Product Code :**  
ELABANALYTICAL0051**Description :**

Haemoglobin Meter

**Technical Specification :**

Direct Display in Hb. units  
1 ml Sample Volume  
Highly Stable & Easy To Operate  
Storage of Factor in Memory

Microprocessor Haemoglobin Meter is used to determine the haemoglobin concentration in the blood sample. The measurement haemoglobin concentration is carried out at wavelength of 546 nm. Using state-of-the-art LED technology the green light produced is projected through the sample and measured by sensitive photodiode. The measurements are made using cyanmethemoglobin method used through the world.

Haemoglobin is an iron-containing protein found in the red blood cells . It enables the red cells to carry oxygen from lungs to the rest of the body and carry carbon dioxide back. The haemoglobin level indicates the blood's oxygen-carrying capacity and can play a major role in the early diagnosis of many illnesses such as thalassemia, sickle cell anemia, leukemia, malaria and hook worm etc

Measuring Method: Cyanmethemoglobin  
Measuring Range: 0 - 30 gm/dl of Hb.  
Dilution Ratio: 1:25 |  
Sample Volume: 1 ml

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Display: 3 Digit 7-Segment Red LED Display

Wavelength: 546 nm

Keyboard: 3 Keys, Soft Touch Membrane Type

Zero Setting: Automatic

Calibration: Automatic

Detector: Highly sensitive silicon photodiode

Power: 230 V  $\pm$  10% AC, 50 Hz

Accessories: Matched Test Tube: (A set of 5), Spare Lamp, Operation Manual and Dust Cover

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