



## Microprocessor Haemoglobin Meter



Microprocessor Haemoglobin Meter is used to determine the hemoglobin concentration in the blood sample. The measurement hemoglobin 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. hemoglobin 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 hemoglobin 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. Features: Direct Display in Hb. units 1 ml Sample Volume Highly Stable & Easy To Operate Storage of Factor in Memory.

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## Technical Specifications:-

**Measuring Method:-** Cyanmethemoglobin

**Measuring Range:-** 0-30 gm/dl of Hb

**Dilution Ratio:-** 1:25/L

**Sample Volume:-** 1 ml

**Display:-** 3 Digit 7-Segment Red LED Display

**Wavelength:-** 546 nm

**KeyBoard:-** 3 Keys, Software Touch Membrane Type

**Zero Setting:-** Automatic

**Calibration:-** Automatic

**Detector:-** Highly Sensitive silicon photodiode

**Power Supply:-** 230V +/- 10% AC, 50 Hz

**Dimension:-** 195X230X95 mm (LXBXH)

**Weight:-** 2.5 Kg (Approx.)

## Accessories:-

- Matched Test Tube (A set of 5)
- Operation Manual

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# Apex Industrial Electronics

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- Dust Cover

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