



Mission® Digital Hb-Testing System:

Save Cost by testing 2- Parameters

**with Single Strip real time i.e: Hemoglobin &
Hematocrit-[PCV].**

Presented By :

**“ Remedy Healthcare Private Limited”,
New Delhi, [INDIA].**

Easy 3-Step Procedure:

- **Insert Test Strip**
 - **Apply Sample.**
 - **Read Result.**
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- **Easy , Fast and Accurate way for Testing of Hemoglobin**



Mission: Digital HB-Testing System

**Accurately detects
Hemoglobin &
Hematocrit levels.**

- **Quick.**
- **Reliable.**
- **Portable.**
- **Convenient.**



Mission® Hb accurately detects both HB & HCT levels with same STRIP.

- **Quick:** *Both: HB & HCT results in < 15 seconds. *Simply insert Strips, apply Blood specimen and read results. *Auto Calibration for added convenience. *No specimen preparation required. *Low Maintenance and quick clean up.
- **Accurate:** *Precise result equivalent to Automatic Haematology Analyser. *Only a single drop of fingertip Blood-10 micro-Litre Sample volume required. *Wide HB measurement range of 5-25.6 g/dl with Hct range of 15-75%. *Stores up to 1000 results.
- **Portable:** *Operated by Battery or, Optional AC Adapter. *Small and handled for immediate Diagnosis. *Ready to use in any Point of Care setting. *Dry Strips hence easy to carry anywhere.
- **Convenient:** *Can test Capillary and venous whole Blood. *Minimum Training required. *Easy to use large LCD.

Application: Mission: Digital HB-Testing System

- **Mission digital HB Meters** are used by various Pharmaceutical Companies for conducting HB- CAMPS.
- It is the preferred diagnostic method for monitoring patient's response to **Hematopoietic Drugs for a DIALYSIS Patients.**
- It is also used by Gynecologist & Obstetricians for monitoring **response to Hematinic Drugs during PREGNANCIES.**
- Hemoglobin measurement is useful Status of patients who have experienced changes in plasma volume including hemorrhage, hemolysis, and dehydration.
- To provides the most useful measurement for distinguishing between anemic, normal, and polycythemia patients.
- **Mission :Digital HB-Testing System** is most suitable for Field screening of Anemic Patients during Pregnancies , Adolescent Girl Children, BPL- Population, People suffering from MALARIA and living with other Parasitic Conditions. as **Point-of-Care.**

METHOD

- The **Mission: Digital HB-Testing System** consists of a dry reagent test Strip and a hand-held reflectance meter.
- The test Strip contains a surfactant to lyse red cells, sodium azide and nitrite that convert hemoglobin into azidemethemoglobin.
- The test is initiated by the application of at least 10 μL of whole blood to the test Strip.
- Azidemethemoglobin is determined by measuring reflectance at 565 nm. A result is provided in less than 15-Seconds.

Mission® Digital HB-Testing System: Specifications

- Methodology : Reflectance Photometry
- Principle : Azidemetemoglobin
- Calibration : Auto Calibration by Code Chip
- Specimen: Whole Blood(Venous or, Capillary)
- Sample Size:1 drop of Blood (10-12 μ L)
- Linearity HB: 5-25 g/dl, & Hct: 15-75%
- Total Precision CV: <3.0%
- 1000 Test Memories with Date/Time

Specifications continued:

- Battery Life: 1000 Test/ 360 Hrs. runtime.
- Accuracy: +/- 0.4 g/gL for HB.
- Wavelength: 525nm.
- PC Interface: USB Port(Optional).
- Meter Storage Condition: Room Temp.
- Power Source: 3-AAA Batteries or, AC Adaptor (Optional).
- Auto Power Off: 8-Minutes.

Hemoglobin & Hematocrit Testing: Both with a Single STRIP at no additional Cost – True Value to Money for Clinicians & Pregnant Women

Why Hematocrit Test required?

- It is normally ordered as a part of the complete blood count (CBC).
- It is also repeated at regular intervals for many conditions, including:
- The diagnosis of anemia and polycythemia,
- The monitoring of treatment for anemia,
- Recovery from dehydration, and
- Monitoring of ongoing bleeding to check its severity.

- **3. Answer for what does the test result mean?**
- Decreased hematocrit indicates anemia, caused by iron deficiency or other deficiencies
- A low Hematocrit include vitamin or mineral deficiencies, **Bleeding, Cirrhosis of the Liver, and Malignancies.**

Mission® Digital HB-Testing System:

- **Mission® Hb Meter Includes:** 1- Meter, 10-Strips, 10-Lancets, 1-Code Chip, 2-Conrol Strips, 1-Lancing Device, 3-Batteries, 1-Carry Case, Manual & Quick reference guide.

Mission® Strip Pack:

- 2 x 25 Test Strips .
- 1-Code Chip .

Catalog Ref. No. : C111-3021.





Healthy Diet always keeps the Doctor away!

Conclusion:

- **Mission: Digital HB- Meter** is convenient, accurate, and precise tool for Testing Hemoglobin & Hematocrit real time at no additional Cost.
- It **has** 99.9% accuracy if best procedure adopted under Ideal Conditions.
- Results are not affected by the volume of sample used in the range of 10-12 μ l or a wide range of environmental temperatures.
- EDTA and Heparin are acceptable anticoagulants for venous blood. Fluoride/ Oxalate should not be used.
- Results correlate well with Hematology Analyzers/ Cell Counter.
- Economical than any such HB-Meter available Worldwide if Calculated Capital Cost of the Meter and recurring Cost of Strip used for 2- Parameters.
- Ideal for Field Study by Research Scholars, Hospitals, Blood Banks for Donor's Screening,
- Best suited for Conducting "Anemia" HB-Camps by NGO/ Pharmaceutical Companies, Gynecologist & Obstetricians for Ante-Natal Screening & Community Health Management.



Marketed by:

"REMEDY HEALTHCARE PRIVATE LIMITED"

[An ISO: 9001-2008 Certified Company]

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■ Our Mission:

■ *Good Health For All.....*

