

BEAM



RedCheck Hb Analyzer

Smart • Accurate • Portable

About the Device

RedCheck Hb is a compact and reliable Hemoglobin Analyzer designed for quick, point-of-care hemoglobin testing. Suitable for primary healthcare, diagnostics, and blood donation centers, it delivers results in just 5 seconds.

- ✓ IVD Medical Device (In Vitro Diagnostic)
- ✓ Uses fresh capillary or venous blood samples
- ✓ Portable, lightweight, and easy-to-use
- ✓ Results displayed in g/dL with high precision

 **RedCheck**[™]
Hb

RedCheck Hb – Your Smart Partner for Accurate Hemoglobin Testing

RedCheck Hb– Your First Step to Health Security

Instant Testing. Smart Results. Anywhere You Go.



Key Features

- Fast Results: Hemoglobin reading in 5 seconds
- Accurate Measurement: Isosbestic point 525/880 nm
- Sample Volume: Just 8 μ L of blood drop
- Memory Storage: Up to 1000 tests
- Connectivity: USB & Bluetooth enabled
- Battery Life: > 500 tests per charge (Li-ion 3.7V 1000mAh)
- Display: Clear LCD screen with symbols for battery, memory, and connection
- Working principle - absorbance photometry

Precautions

- Use only RedCheck Hb strips with the meter
- Do not refrigerate strips
- Avoid expired/contaminated strips
- Store the device in a dry, low-humidity environment
- Operate between 0°C – 50°C
- Dispose of strips safely as per biomedical guidelines

Technical Specifications

- Test range 0-25 g/dl
- CV (Precision): <3%
- Auto-calibrated (No manual calibration needed)
- Operating Humidity: 5–95%
- Size: 48×83×40 mm (portable size)
- Dual function: pipette + measuring cuvette

Manufactured by:

BeamOptics Scientific Pvt. Ltd.
Pap J 188, 2nd floor,
Near Quality Circle Forum,
Gawali Mata Chowk,
Bhosari 411026.

