



HGB METER

Haemoglobinometer



LABORATORY



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HGB METER

Haemoglobinometer



Technical specifications

- Application: Measurement of Hemoglobin in blood
- Measurement Type: Photometric
- Light Source: Green LED
- Wavelength: 535nm
- Photometric Range: 0.00 to 2.00 Abs
- Detector: Silicon Photodiode
- Measurement Range (Hb): 0.1-30 g/dL or 10-300 g/L or 0.062-18.60 mmol/L
- Measurement Range (HCT): 34-53% (calculated when Hb is within 12-18 g/dL)
- Warm-up Time: 20 seconds
- Reading Cell: Optical Glass in the form of an ampoule
- Sample: Fresh blood or EDTA stored blood
- Reagent Volume: 5 µL
- Reagent: Gold Standards' HiCN or cyanide-free Sodium Lauryl Sulphate(SLS) (optional)
- Reagent Volume: 1.25ml
- Measuring Time: 5 seconds
- Measuring Units (Hb): mg/dL or g/dL or mmol/L
- Measuring Units for HCT: %
- Linearity: Up to 30 mg/dL
- Reading Accuracy: ≤ 5%
- Display: 3.5 inch Touch screen LCD
- Operator Interface: Touch screen; USB port; Barcode scanner (optional)
- System Self-check: Automatic
- Operating Environment:
- Temperature: 10°C to 35°C
- Humidity: ≤ 85%
- Air Pressure: 86.0 kpa to 106.0 kpa
- Power Adaptor: Input: 100-240V AC 50/60 Hz, Output: DC 8.4V 1.0A
- Power backup: 7.4V 2000 mAH battery
- Dimensions (LXBXH): 168mm x 94mm x 34mm
- Weight: 245gm
- Conformity: EN ISO13485:2003

Standard packing list

- Hemoglobin Meter: 1 unit
- Power supply: 1 pc
- Blood Collection Pen: 1 pc
- User's manual: 1 pc



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