

DIGITAL HEMOGLOBIN METER

Reagent Free Microcuvette Technology



Model: CHANDA-AM005A

Direct hand held battery operated device used for haemoglobin testing in clinical setting/ population- based screening.

The device is intended to be used for quantitative measurement of hemoglobin in only capillary, venous or arterial whole blood samples taken from forearm, upper arm, hand thigh, calf, or fingers



CHANDA - AM005A - TECHNICAL SPECIFICATIONS

Working Principle	Absorbance Photometry
Method	Absorbance measurement of whole blood at Hb/HbO₂ Isobestic Point, based on microcuvette technology
Parameter	Blood Haemoglobin Level
Range	0-25gm/dl
On-screen patients display	LCD Display
Maximum volume of sample required	less than 10μL (one full blood drop)
Sample Material	Capillary, venous or arterial whole blood
Measuring Time	within 7 seconds
Auto-calibration	Built in self test.
Sensitivity	More than 90%
Specificity	More than 90%
Bias (Limits of Agreement)	-0.7gm/dl to +0.7gm/dl
Memory to store data	1000 test
Data transfer	Option of PC connectivity is available. Data can be directly captured in the PC.
Bluetooth Connectivity	yes
Dimensions (metric)	12.5cm x 4.5cm x14.5cm
Weight (grams)	375grams
Mobility/ Portability	mobile, portable and easy to carry
Battery	Battery operated should be able perform at least 500 tests
Automatic Shut down	On battery power the device should turn off after approximately 5 minutes of no use.
Working Temperature	Should be able to perform in the temperature range of 10-40$^{\circ}$C
Working Humidity	5 to 90%

Product image may differ from the original product

Mokshit Corporation,
GANJPARA DURG (C.G) - 491001

ISO 13485, 