

HumaMeter Hb^{Plus}

Portable System for the Determination of Hemoglobin in Blood

- > Fast hemoglobin measurement
- > Cyanid-free AHD method
(not influenced by corpuscular parts and lipid components)
- > Accurate and reliable
- > Developed and manufactured in Germany

HEMATOLOGY

CoreLab DX



Human

Diagnostics Worldwide

HumaMeter Hb^{Plus}

Easy to Operate, Flexible & Unique

Reliable and Accurate Results in Seconds

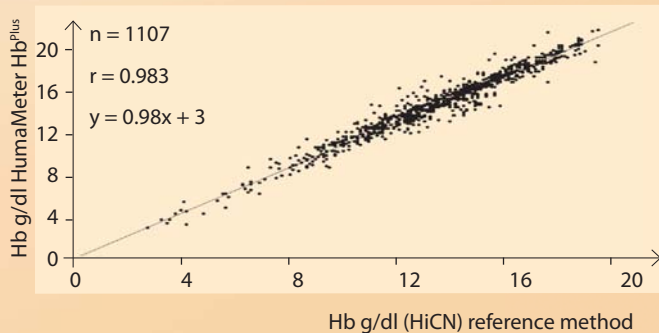
- > Measuring time < 10 sec.
- > Results from 0 – 30 g/dl
- > Precalibrated, portable instrument
- > Simple, intuitive operation
- > Modern, extremely durable optics
- > Tough construction designed for use even under adverse conditions
- > Suitable for paediatric testing; only 20 µl sample volume
- > Reagent and control shelf life 3 years even under extreme climatic conditions
- > Open for other clinical chemistry tests

Clinical Use

- > Blood banks
- > Doctor's offices
- > Transfusion centers
- > Neonatal and paediatric testing
- > Laboratories
- > Dialysis centers
- > Point-of-care testing

Screening disease course and therapeutic monitoring of Anemia

Method Comparison



Excellent correlation with the reference method



AHD (Alkaline Haematin Detergent)

The only recognized Hb reference method!

In contrast to most other Hb methods and systems, the AHD method does not contain any toxic cyanide! Moreover (and known to only a few experts), only in the AHD method all corpuscular parts and lipid components are solubilised, preventing the overestimation of Hb concentrations. Due to this unique behaviour, AHD is the only internationally recognized reference method for the determination of Hb (DIN 58931).

Easy to Use – 4 Simple Steps



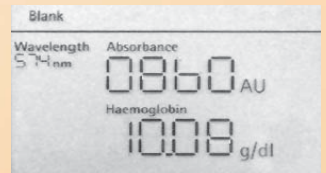
1 Blood collection, 20 µl capillary, venous or arterial blood



2 Addition of the sample into the cuvette and mixing (with capillary or pipette)



3 Insert the cuvette into the photometer



4 Results in 10 seconds

Technical Data

Sample volume:	20 µl
Measuring range:	0.1 – 30 g/dl (5 – 300 g/l)
Wavelength:	574 nm-specific LED
Detector:	Photodiode, recording range 200 – 1000 nm
Measuring principle:	Transmission/absorption
Memory:	Up to 1,000 results including date and time
Power:	Rechargeable batteries or 100/240 V/AC
Interface:	USB Port 1.1
Reagent:	Reagent Hb cuvettes, cuvettes are prefilled with 3 ml reagent
Method:	AHD
Calibration:	Precalibrated
Quality control:	2-level control

Ordering Information

	REF
HumaMeter Hb ^{Plus} Photometer	16070
Reagent Hb 100 tests	16070/1
Control set Hb 2-level control reagent	16070/3