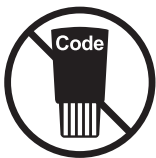


HemoSmart™ PRO

Hemoglobin Monitoring System



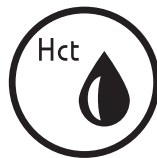
Autocode



Small Blood Sample



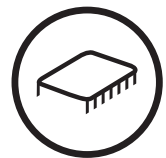
Fast Result



HCT 0-70%



Strip Ejection



Large Memory

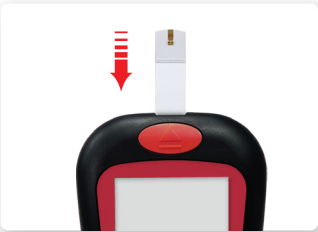
The HemoSmart PRO Hemoglobin Monitoring System offers a fast, reliable, and user-friendly solution for measuring hemoglobin levels. As the world's best electrochemistry auto-coded handheld device, it combines compact design with advanced biosensor technology, making it ideal for both professional and personal use. The results are calibrated against the CBC cell counter method, ensuring data precision comparable to that obtained in clinical laboratories. The HemoSmart PRO is an essential tool for dependable, on-the-go hemoglobin monitoring.

APEXBIO™

HemoSmart™ PRO Hemoglobin Monitoring System

The HemoSmart PRO features an integrated strip ejector designed to minimize the risk of cross-contamination, ensuring a safe and hygienic testing process. Its unique strip-based testing method offers exceptional ease of use and portability, requiring only 1µL of blood for accurate hemoglobin measurement, with results delivered in just 4 seconds. The device can store up to 500 test results, each timestamped with date and time, allowing for comprehensive and efficient tracking of hemoglobin levels over time.

Easy to use



1. Easy Insertion



2. For Fingertip Testing



3. Apply Sample



4. Results in 4 Seconds

Specifications

Blood Sample: Capillary, Venous

Metal Electrode Strip

Autocode

Measurement Range: 0-24 g/dL

Test Time: 4 Seconds

Sample Volume: $\geq 1 \mu\text{L}$

Hematocrit Range: 0-70%

Insufficient Blood Prompt

Memory: 500 Test Results with Date and Time

Operating Temperature: 5-45°C (41-113°F)

Relative Humidity: <85%

Storage/Transport Condition:

Meter at -20-50°C, Test Strips at 4-30°C

Strip Ejection

Large LCD with Backlight

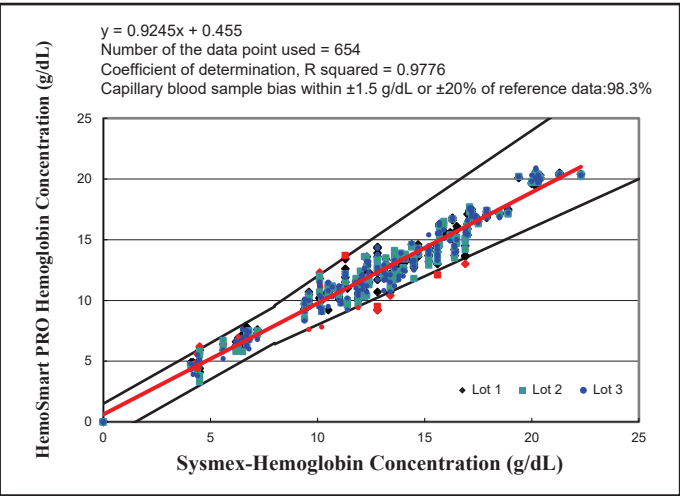
Data Transfer: Micro-USB port

Battery: 2 Alkaline AAA Battery

Dimensions: 109L x 64W x 24H (mm)

Weight: 79g without Batteries

Precision and Accuracy



Accuracy	95% within
	Bias $\leq \pm 1.5 \text{ g/dL}$ for Hemoglobin $< 8 \text{ g/dL}$
	Bias $\leq \pm 20\%$ for Hemoglobin $\geq 8 \text{ g/dL}$
Precision	Hemoglobin $\leq 8 \text{ g/dL}$, SD $\leq 0.5 \text{ g/dL}$
	Hemoglobin $> 8 \text{ g/dL}$, CV $\leq 4\%$

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* Specifications may vary according to different authorized bodies.

* Actual content of the product is subject to change without notice.

