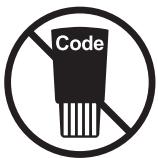


THE EDGE™ PRO

Blood Lactate Monitoring System LAM201BT



Autocode



Small Blood Sample



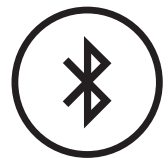
Fast Result



HCT 20-70%



Strip Ejection



Bluetooth

THE EDGE PRO Blood Lactate Monitoring System is a compact, handheld device designed to measure blood lactate levels. This approach offers much greater precision than traditional methods, which rely on estimating training zones based on heart rate percentages. Equipped with an integrated strip ejector, it significantly reduces the risk of cross-contamination, ensuring a safer and more hygienic testing process. It requires only a minimal 1 μ L blood sample from the fingertips and features an ergonomically designed meter for enhanced ease of use and user comfort.

APEXBIO™

THE EDGE™ PRO Blood Lactate Monitoring System LAM201BT

THE EDGE PRO leverages state-of-the-art algorithms and advanced sensing technology to deliver highly accurate results, even from blood samples with extreme hematocrit levels. This ensures precision in every test. The system can store up to 500 test results, each timestamped with date and time, and allows effortless data transfer via Bluetooth for in-depth performance analysis.

Easy to use



1. Easy Insertion



2. For Fingertip Testing



3. Apply Sample

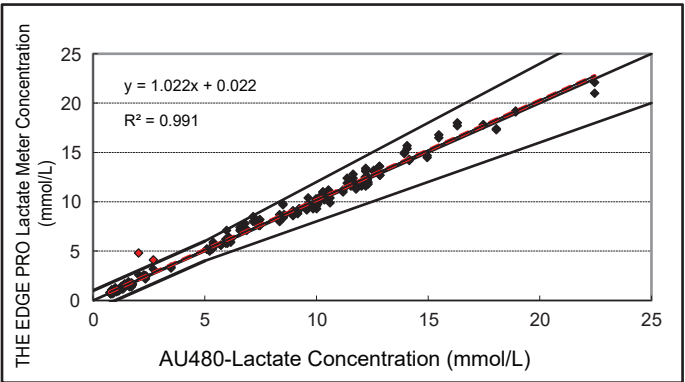


4. Results in 15 Seconds

Specifications

Blood Sample: Capillary, Venous
Metal Electrode Strip
Autocode
Measurement Range: 6-200 mg/dL
Test Time: 15 Seconds
Sample Volume: $\geq 1 \mu\text{L}$
Hematocrit Range: 20-70%
Insufficient Blood Prompt
Memory: 500 Test Results with Date and Time
Operating Temperature: 10°C-40°C (50°F-104°F)
Relative Humidity: 20-90%
Storage/Transport Condition:
Meter at -20°C-50°C, Test Strips at 4°C-30°C
Strip Ejection
Large LCD with Backlight
Data Transfer: Micro-USB port, Bluetooth (optional)
Battery: 2 Alkaline AAA Battery
Dimensions: 110(L)mm x 63(W)mm x 23(D)mm
Weight: 103g with batteries

Precision and Accuracy



Accuracy	95% within
	Bias $\leq \pm 1$ mmol/L for Lactate < 5 mmol/L Bias $\leq \pm 20\%$ for Lactate ≥ 5 mmol/L
Precision	Lactate ≤ 2 mmol/L, SD ≤ 0.16 mmol/L
	$2 < \text{Lactate} \leq 8$ mmol/L, CV $\leq 6\%$
	Lactate > 8 mmol/L, CV $\leq 4\%$

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