

UltraCrit™

Now you can get lab accuracy with a handheld device.

Every hematocrit counts because every donor counts. And that's why there's UltraCrit.



FDA cleared for blood donor screening

UltraCrit is the first and only hematocrit/hemoglobin device to use ultrasound technology. UltraCrit has shown an accuracy of $\leq 0.4\%$ Hct, resulting in a decrease in both "false deferrals" and "false accepts."

Just wick a drop of blood into the single-use cuvette and insert it into the device. The hematocrit is displayed automatically in about 30 seconds. It's that easy.

Features

- Ultrasound technology for high accuracy results
- Easy to use, hand-held technology
- Precision: $\leq 0.8\%$ CV at 41 Hct
- Accuracy: $\leq 0.4\%$ Hct (for readout in 10ths)
- Linearity: 10.3 - 72.0% Hct
- 30-second result
- Data transport compatibility
- No user subjectivity
- Large display of result
- Accurate hematocrit or error message displayed; no erroneous readings
- Provides hematocrit value to allow for standardization for all collections, including whole blood, apheresis and double red cell collections
- Can be run on wall power or 4-AA batteries

Cuvettes

- Contain no chemicals
- 15-month shelf life
- No tracking of open container stability
- Validation of cuvettes not required
- Operating temperature: 10 to 40°C (50 to 104°F)
- Storage temperature: 0 to 30°C (32 to 86°F)

Quality Control

- Automatic self-calibration test when powered on
- UltraChek™ Reference Controls
 - Convenient single-use vials
 - No refrigeration
 - No mixing
 - Non-biohazardous; no gloves or special disposal needed
 - 30-month shelf life
 - Available in Low, Normal, High
 - Operating temperature: 10 to 40°C (50 to 104°F)
 - Storage temperature: 15 to 30°C (59 to 86°F)

Catalog #100-200

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Product Specifications

Use	Hematocrit measurement for the purpose of screening for suitable blood donors by the blood banking industry
Technology	Ultrasound
Sample Material	Capillary or venous blood
Results	Measurement displayed in approximately 30 seconds
Calibration	Automatic internal diagnostic test at start up
Dimensions	W 6 1/4 in (with door open), H 3 1/2 in, L 7 1/2 in
Weight	1 lb, 5 oz (with 4-AA batteries)
Power Adaptor	Input Volts 100-240VAC+ 10%, Amps .7 Frequency 47-63Hz, Output Volts 20 VDC, Amps 1.2
Batteries	Optional, 4 AA alkaline batteries
Connection	USB 2.0 compliant
Environmental Requirements	Operating temperature: 10 to 40°C (50 to 104°F) Storage temperature: -10 to 60°C (14 to 140°F)
Approvals	MET (UL/CSA equivalent)
CLIA Status	Waived