

HEMOCHRON SIGNATURE ELITE



ABOUT

The **Hemochron Signature Elite** is a battery-operated whole blood **microcoagulation system** that can test fresh or citrated whole blood. The Signature Elite can complete ACT+, ACT-LR, PT, and APTT testing in a matter of minutes. A test cuvette is inserted into the test chamber and warmed to measure the clotting time of whole blood. This unit uses Hemochron Jr. disposable single-use cuvettes.

FEATURES

- Portable for use at the bedside
- Illuminated display
- Integrated barcode scanner
- Results from 600 patients and 600 QC tests can be stored. Stored results can be printed and/or downloaded to a computer



SPECIFICATIONS



DIMENSIONS

Height: 2 in (5 cm)

Width: 7.5 in (19 cm)

Depth: 3.7 in (9.4 cm)

Weight: 1.2 lbs (0.53 kg)

PERFORMANCE

Test Precision: 10% C.V. for whole blood samples

OPERATION

Test Chamber: 1

Timing Range: 0 seconds to 1005 seconds

Incubation Temperature: 37 °C $\pm$ 1.0 °C

Incubation Warm-Up Time: 30 seconds to 90 seconds

Full-Charge Operating Time: > 2 hours

Battery Life: 500 recharges

Battery Type: Lithium Ion

Throughput (Full Charge): 49 test cycles (at 150 sec per test); 17 test cycles (> 500 sec per test)

Operating Environment: 15 °C to 30 °C

Transport and Storage: -20 °C to 50 °C

POWER

Input Power: 100 to 240 VAC, 50 to 60 Hz

Output Power: 12.0 VDC, 3.4 Amps (40 Watts)

BARCODE READER

Supported Barcode Formats UPC/EAN, Code 128, Code 39, Trioptic Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Codabar, and MSI Plessey

Laser Class: IEC 60825-1 class 1 laser product complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50 dated June 24, 2007.

Laser Wavelength: Class 1: 630-670 nm

Laser Power (peak): Class 1: 0.7mW @peak