

**Hemochron**<sup>®</sup>  
SIGNATURE ELITE  
Whole Blood Microcoagulation System

## Reliable Results in any POC Setting

Any dosage, any patient, any operator.



This is not just any POC coag device.

**Accriva**  
diagnostics

# Different devices may give different results

Standardize your POC coagulation testing on the Hemochron® Signature Elite Whole Blood Microcoagulation System and get results you can count on from the market leader.

## Any POC Setting

- CVOR
- Cardiac Cath Lab
- ECMO
- Emergency Department
- Critical Care Units
- Dialysis
- Neonatal
- Surgical Unit
- Anticoagulation Clinic

## Health systems have relied on the accuracy of the Hemochron Gold-Standard Point-of-Care (POC) system for over 40 years.

- Regardless of sample type or clinical setting, Hemochron provides fast, accurate and reproducible results for clinical decision making
- Cuvette-based technology that's easy to learn and use, and measures to the laboratory standard of fibrin formation
- We designed the Hemochron to be the only point-of-care coagulation system you need in your facility, by offering a broad test menu that includes ACT+, ACT-LR, PT, Citrate PT, APTT, and Citrate APTT
- Full features for compliance and connectivity to maximize efficiency and ease regulatory challenges

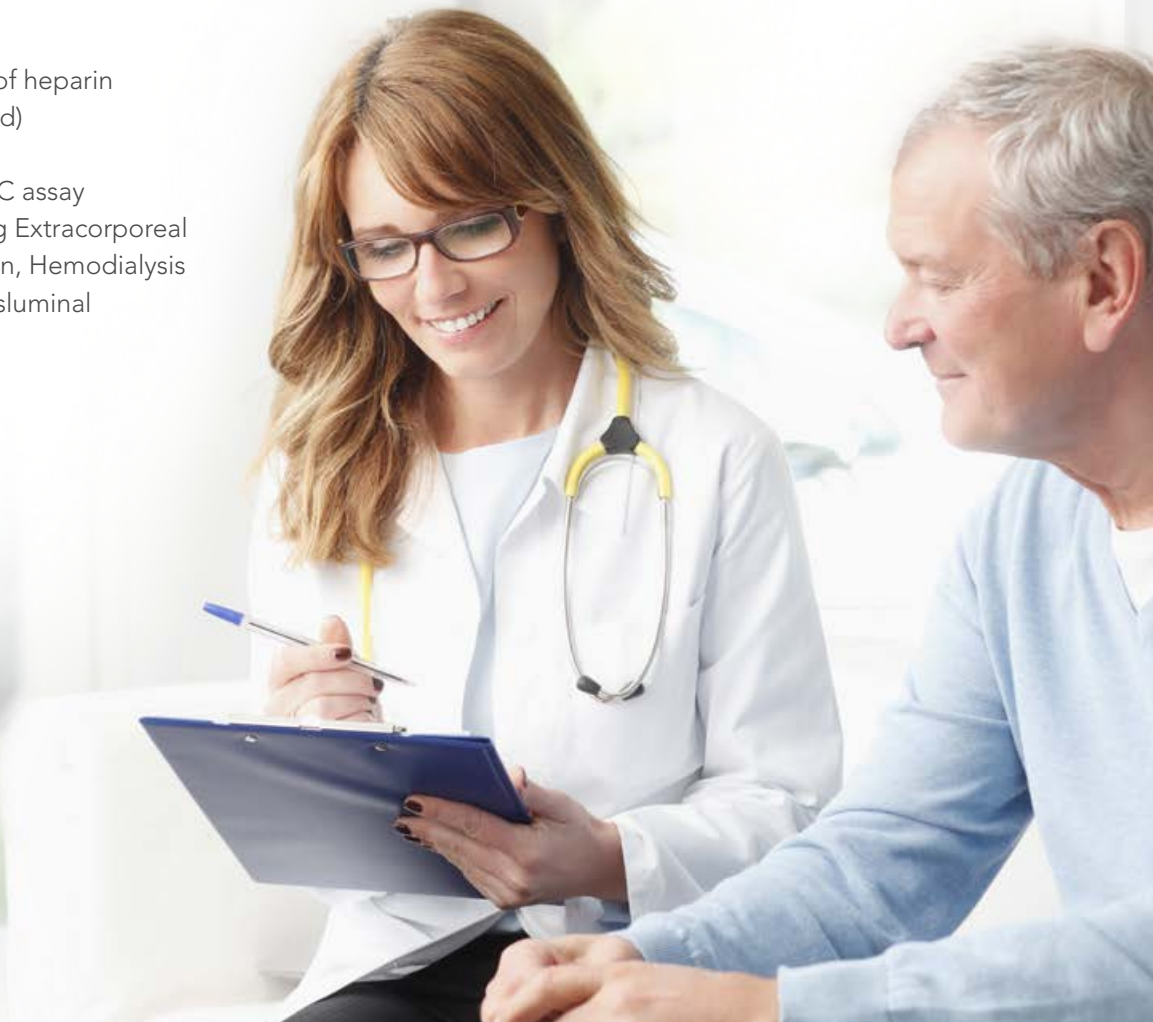
## Any Dosage

**Hemochron Signature Elite provides fast, accurate data in both high and low heparin ranges.** In some applications, such as the CVOR, the need for fast, accurate results is critical. Fortunately, the Hemochron's ACT+ with proprietary RapidCount technology achieves a true fibrin clot faster than any other system.

- Our ACT+ with RapidCount technology expedites the endpoint, saving time-to-result and getting patients on pump sooner
- Accurately measures heparin effects from 1.0 to 6.0 u/mL of blood
- Results are dependent on actual fibrin clot formation, not thrombin generation

**Another unique assay, the low-range Activated Clotting Time (ACT-LR), is optimized to report ACT results on samples at or below 2.5 heparin units/mL of blood.**

- Sensitive to low doses of heparin (0.0 to 2.5 u/mL of blood)
- The only low-range POC assay indicated for use during Extracorporeal Membrane Oxygenation, Hemodialysis and Percutaneous Transluminal Coronary Angioplasty



## Any Patient

For diagnostic applications or monitoring, Hemochron Signature Elite offers the broadest menu for rapid point-of-care hemostasis tests in the Emergency Room.

- Hemochron performs both a Prothrombin Time (PT) and an Activated Partial Thromboplastin Time (APTT) to check both coagulation pathways
- Uses citrated whole blood or a fingerstick sample

### From the ER to the clinic, Hemochron Signature Elite accurately assesses hemostatic status.

Hemochron Signature Elite offers you flexible options for warfarin monitoring.

- Improves patient care with immediate results for on-the-spot dosage adjustments
- Reports INR, plasma-equivalent seconds and whole blood seconds, with an effective INR range of 0.8 to 10.0
- Uses a fingerstick or venous sample
- Maximizes efficiency, with connectivity to all major anticoagulation clinic patient management programs



# Any Operator

**Hemochron Signature Elite addresses your compliance and connectivity needs, regardless of operator.** Enhance your efficiency, data management and compliance with Hemochron Signature Elite's robust feature sets.

## Improves safety and security.

- Integrated barcode scanner can eliminate transcription errors, while providing an audit trail and traceability
- Ability to scan cuvette and QC lot information, patient identification (PID) and operator ID (OID)
- Cuvettes comply with OSHA guidelines (29 CFR 1910.1030) to protect against blood-borne pathogens

## Integrates data management/connectivity.

- Direct connection to Ethernet
- POCT-1A compliant device meets industry standard
- Connectivity to major information systems

## Enhances compliance.

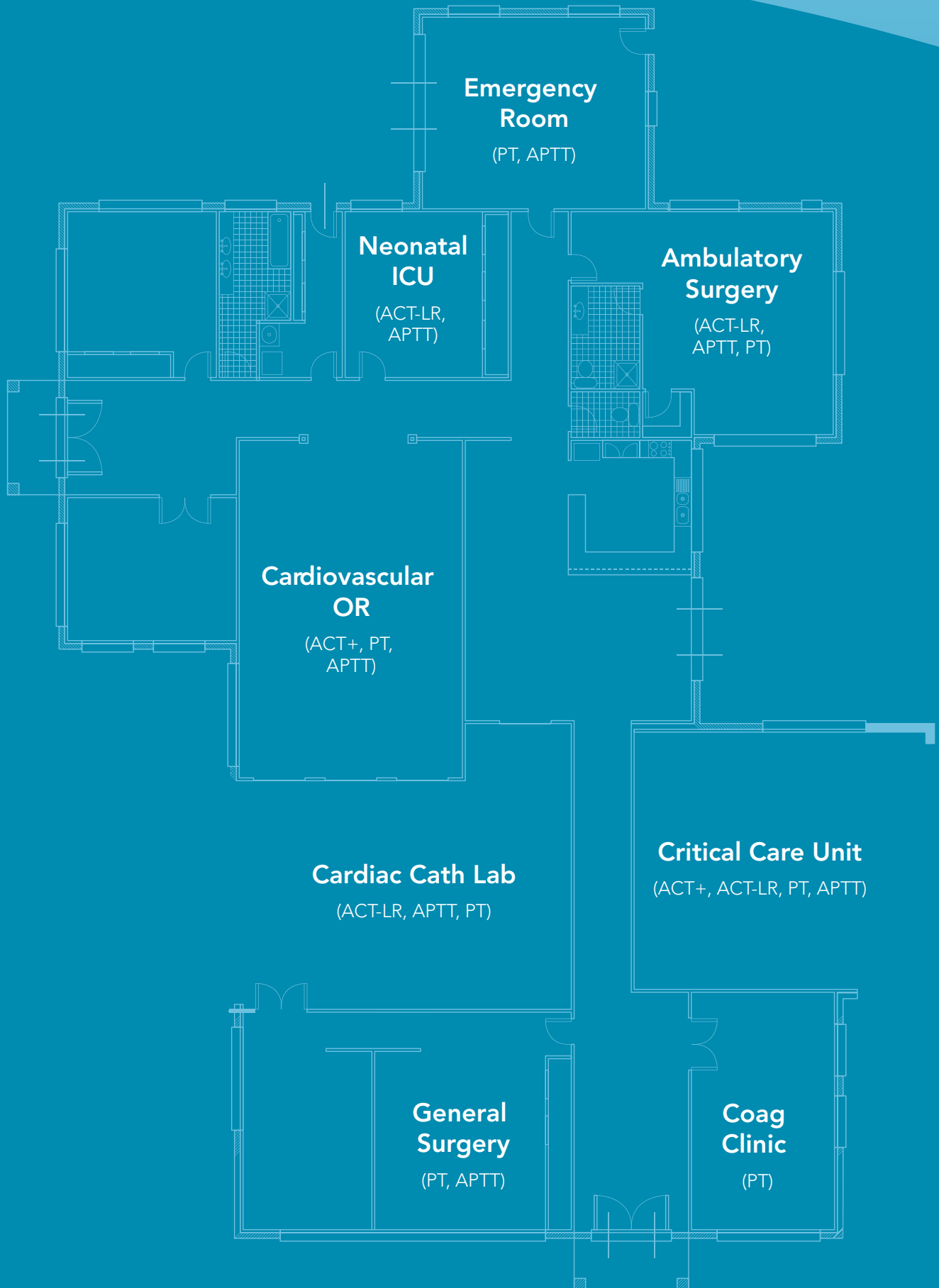
- Automatic internal electronic quality control (EQC)
- Quality control (QC) lockout including cuvette and QC expiration lockout
- Operator tracking and lockout based on operator certification
- Complies with Joint Commission Patient Safety Goal, "Reduce the likelihood of patient harm associated with the use of anticoagulants," and Patient Safety Goal 1, "To improve the accuracy of patient identification with patient ID bar-code scanner"



# Anywhere You Need It

For diagnostic applications or monitoring, Hemochron Signature Elite offers the broadest test menu for rapid point-of-care hemostasis management, including: **ACT+**, **ACT-Low Range**, **PT**, **Citrate PT**, **APTT**, **Citrate APTT**.

Cuvette	Intended Use	Specimen	Reporting Unit
<b>ACT+</b>	Monitors moderate to high levels of heparin (1–6 units/mL). Unaffected by aprotinin, hypothermia and hemodilution.	Whole blood	Celite Equivalent Seconds
<b>ACT-LR</b>	Monitors low to moderate heparin doses up to 2.5 units/mL of blood. Used in procedures such as cardiac catheterization, Extracorporeal Membrane Oxygenation (ECMO), dialysis and Percutaneous Transluminal Coronary Angioplasty.	Whole blood	Celite Equivalent Seconds
<b>PT</b>	For performing a quantitative, one-stage Prothrombin Time.	Venous or fingerstick samples	International Normalized Ratio (INR), plasma-equivalent seconds and whole-blood seconds
<b>Citrate PT</b>	For performing a quantitative, one-stage Prothrombin Time.	Citrated whole blood	International Normalized Ratio (INR), plasma-equivalent seconds and whole-blood seconds
<b>APTT</b>	For performing a quantitative, one-stage APTT. For evaluation of low-dose heparin anticoagulation (up to 1.5 units/mL of blood).	Whole blood	Plasma-equivalent seconds and whole blood seconds
<b>Citrate APTT</b>	For performing a quantitative, one-stage APTT. For evaluation of low-dose heparin anticoagulation (up to 1.5 units/mL of blood).	Citrated whole blood	Plasma-equivalent seconds and whole blood seconds



**Emergency Room**

(PT, APTT)

**Neonatal ICU**

(ACT-LR, APTT)

**Ambulatory Surgery**

(ACT-LR, APTT, PT)

**Cardiovascular OR**

(ACT+, PT, APTT)

**Cardiac Cath Lab**

(ACT-LR, APTT, PT)

**Critical Care Unit**

(ACT+, ACT-LR, PT, APTT)

**General Surgery**

(PT, APTT)

**Coag Clinic**

(PT)

## Ordering Information

Catalog Number	Description
ELITE	Hemochron Signature Elite Whole Blood Microcoagulation System
ELITEINT	Hemochron Signature Elite Whole Blood Microcoagulation System (International)
JACT+	ACT+ test cuvette — Silica and kaolin based Activated Clotting Time test cuvette*
JACT-LR	ACT-Low Range test cuvette — Celite® based Activated Clotting Time test cuvette*
J201	PT test cuvette — Prothrombin Time test cuvette* (venous or fingerstick sampling)
J201C	Citrate PT test cuvette — Prothrombin Time test cuvette**
J103	APTT test cuvette — Activated Partial Thromboplastin Time test cuvette*
J103C	Citrate APTT test cuvette — Activated Partial Thromboplastin Time test cuvette**

\* for use with fresh whole blood    \*\* for use with citrated whole blood

### Find out More

Hemochron Signature Elite is the comprehensive point-of-care coagulation monitoring system. Ideal for the wide variety of applications found in today's busy health care facilities.

To learn more, visit [www.accriva.com](http://www.accriva.com)

US Customers: 800.643.1640

International Customers: 858.263.2501



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diagnostics

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