HEMOSONICS
INTERNATIONAL
A Stago Group Company

TRAUMA

Quantra®
Hemostasis System

Bleeding Management Simplified

When major hemorrhage occurs, analysis of hemostasis should be fast, easy, and at your fingertips.

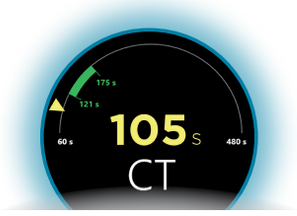
Minutes matter during hemorrhage in trauma[1]

Reduced lag time between sample draw and sample results provides a more accurate assessment of a potential coagulopathy[2]

A study that analyzed the user experience operating a legacy viscoelastic test found that:

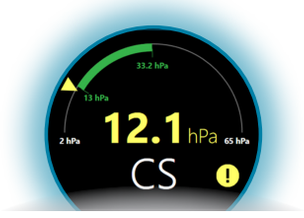
> The main criticism was focused on the extensive cognitive resources required to interpret [legacy VET] results. Participants described non-intuitiveness of the result presentation as a challenge, particularly in emergencies and for inexperienced users."[3]

The Quantra® Hemostasis Analyzer with the QStat® Cartridge provides rapid, accurate, and easy-to-use data at the Point of Care when you need it the most.[4]

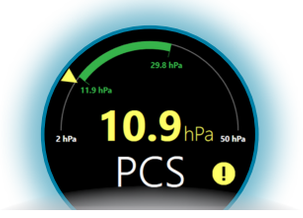


CT: Clot Time (Seconds)
Reflects clot initiation in citrated whole blood

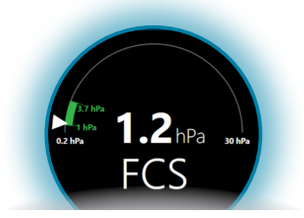
CSL: Clot Stability to Lysis (percent)
Reduction of clot stiffness, likely due to fibrinolysis



CS: Clot Stiffness (HectoPascals)
Reflects overall clot stiffness



PCS: Platelet Contribution to Clot Stiffness (HectoPascals)
Integrates information about platelet number and platelet function[5]



FCS: Fibrinogen Contribution to Clot Stiffness (HectoPascals)
Correlates with laboratory-based fibrinogen assays[5]

This symbol signifies a result value that is outside the reference range (green area), but within the reportable range.

- The Quantra System has been designed for use at the **Point of Care**[6]
- Fully sealed, cartridge-based system requires **no pipetting**
- 30 seconds to initiate test, with initial results in 2.5 minutes and **most results within 15 minutes**[7]
- **Easy-to-interpret dials** display for fast analysis of a potential coagulopathy[8]
- The Qstat Cartridge is **indicated for the evaluation of blood coagulation and clot lysis**. The reported parameters include CT, CSL, CS, PCS and FCS.[6]

Quantra® Hemostasis System

See back for more information ▷▷

Quantra® Hemostasis System Ordering Information

System Component	Ref. #
Quantra® Hemostasis Analyzer	HS-001
QPlus® Cartridge, Kit of 10	KT-0010
QStat® Cartridge, Kit of 10	KT-0022
QPlus Control Level 1 Kit of 4 (Lyophilized 2-8 C)	KT-0024
QPlus Control Level 2 Kit of 4 (Lyophilized 2-8 C)	KT-0026
QStat Control Level 1 Kit of 4 (Lyophilized 2-8 C)	KT-0028
QStat Control Level 2 Kit of 4 (Lyophilized 2-8 C)	KT-0038

System Component	Ref.#
Cleaning Cartridge, Kit of 10	KT-0012
Quantra Printer	KT-0015
Quantra Desktop Remote Viewer Software	KT-0016
Qualiris External Quality Assessment Proficiency for QPlus	KT-0048

Indications: The Quantra Hemostasis System is comprised of the Quantra Hemostasis Analyzer, QPlus Cartridge, QStat Cartridge, Quantra Quality Controls (Level 1 and Level 2), Quantra Cleaning Cartridge, and Quantra Desktop Remote Viewer (QDRV) Software. The QPlus Cartridge is indicated for the evaluation of blood coagulation in perioperative patients age 18 years and older to assess possible hypocoagulable and hypercoagulable conditions in cardiovascular or major orthopedic surgeries before, during, and following the procedure.
Results obtained with the Quantra System should not be the sole basis for patient diagnosis.

References: 1. Deeb AP, et al. Time to early resuscitative intervention association with mortality in trauma patients at risk for hemorrhage. *J Trauma Acute Care Surg.* 2023;94:504-512. **2.** Tanaka KA, Bader SO, Sturgil EL. Diagnosis of perioperative coagulopathy–plasma versus whole blood testing. *J Cardiothorac Vasc Anesth.* 2013;27:S9-S15. **3.** Gasciauskaite G. et al. User Perceptions of ROTEM-guided haemostatic resuscitation: A mixed qualitative–quantitative study. *Bioengineering.* 2023;10:386. **4.** Michelson EA, Cripps MW, Ray B, Winegar DA, Viola F. Initial clinical experience with the Quantra QStat System in adult trauma patients. *Trauma Surg Acute Care Open*. 2020;5:e000581. **5.** Naik BI, Tanaka K, Sudhagoni RG, Viola F. Prediction of hypofibrinogenemia and thrombocytopenia at the point of care with the Quantra® QPlus® System. *Thromb Res.* 2021;197:88-93. **6.** Volod O, Viola F. The Quantra system: System description and protocols for measurements. *Methods Mol Biol.* 2023;2663:743-761. **7.** Baulig W, Akbas S, Schütt PK, et al. Comparison of the resonance sonorheometry based Quantra system with rotational thromboelastometry ROTEM sigma in cardiac surgery – a prospective observational study. *BMC Anesthesiol.* 2021;21:260. **8.** Winegar D, Gillespie C, Sanchez-Illan M. Improving the interpretation of viscoelastic test results in the critical care setting. American Association of Clinical Chemistry (AACC) Annual Scientific Meeting, Chicago, IL, USA; July 24-28, 2022.

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