

Siemens Healthcare Diagnostics, the leading clinical diagnostics company, is committed to providing clinicians with the vital information they need for the accurate diagnosis, treatment and monitoring of patients. Our comprehensive portfolio of performance-driven systems, unmatched menu offering and IT solutions, in conjunction with highly responsive service, is designed to streamline workflow, enhance operational efficiency and support improved patient care.

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Siemens Healthcare Diagnostics Inc.
1717 Deerfield Road
Deerfield, IL 60015-0778
USA

www.siemens.com/diagnostics



Stratus[®] CS Acute Care[™] Diagnostic System

Confidence in your near-patient cardiac marker results

Answers for life.

SIEMENS

Fast results for acute care settings

- Results in as little as 14 minutes versus 60–120 minutes from the central lab
- Less hands-on manipulation than hand-held devices reduces the opportunity for error

Choose from a robust diagnostic and risk stratification menu:

- Cardiac Troponin-I
- Myoglobin
- CardioPhase® hsCRP
- CK-MB
- NT-proBNP
- BhCG
- D-dimer

Bench top or kiosk*—the choice is yours

In order to better meet your near-patient testing needs, we offer the Stratus® CS Acute Care™ Analyzer as both a bench top and stand-alone workstation.

Leveraging the robust quantitative cardiac menu, the Stratus® CS Acute Care™ Diagnostic System has been uniquely designed for use in the acute care setting. In order to meet the needs of the acute care setting, the analyzer is available as a convenient, contained kiosk, alleviating the need for valuable bench space. The Stratus® CS kiosk can be customized for the acute care setting, providing a stand-alone workstation, featuring its own light-weight cart, refrigerator and uninterruptible power supply, which can easily reside within your clinical setting.



- Stratus® CS System crated weight is approximately 279 lbs (instrument = 150 lbs + 129 lbs for crate)
- Fold out shelf dimension: 17.25" wide by 21.25" in length

Instrument Specifications

Instrument Space Specifications

	Measurement		Operating Clearance		Service Clearance	
	Height	Width	Depth	Weight	Height	Width
Height	18 in	46 cm	20 in	51 cm	37 in	94 cm
Width	27 in	69 cm	31 in	79 cm	39 in	99 cm
Depth	22 in	56 cm	24 in	61 cm	34 in	86 cm
Weight	150 lb	68 kg				

Cart Dimension:

Height	Depth	Width	Cart Weight	Refrigerator Weight
39.25"	27.25"	30"	87 lbs	42 lbs

Power Requirements

Normal Line Voltage	Voltage Range	Frequency	Continuous Current	Maximum Power
115 VAC	103 to 127 VAC	47 to 63 Hz	~1.4 A	400 Watts
230 VAC	207 to 253 VAC	47 to 63 Hz	~0.7 A	400 Watts

Assay Specifications

	Troponin-I	Myoglobin	CK-MB	BhCG	D-dimer	NT-ProBNP	CardioPhase hsCRP
Assay Range	0–50 ng/mL	0–900 ng/mL	0–150 ng/mL	0–1250 mIU/mL	6–5000 ng/mL	15–20,000 pg/mL	0.1–50 mg/L
Sensitivity	0.03 ng/mL	1.0 ng/mL	0.3 ng/mL	0.5 mIU/mL	6.0 ng/mL	15.0 pg/mL	<0.10 mg/L
Reproducibility	5.1% CV at 0.64 ng/mL	3.4% CV at 56 ng/mL	4.0% CV at 3.7 ng/mL	2.6% CV at 5.1 mIU/mL	4.1% CV at 412 ng/mL	4.4% CV at 96.6 pg/mL	≤10.0%mg/L at 3.58 mg/L
	10% CV at 0.06 ng/mL					3.2% CV at 222.3 pg/mL	

Specimen Type

Heparinized (sodium or lithium) plasma, B-D Vacutainer® tubes (4 or 5 mL) with HEMOGARD® closure; or Sarstedt tubes (2.6 or 2.7 mL). Please refer to assay product inserts for more detailed information. D-dimer requires lithium heparin or sodium citrate whole blood or plasma

Minimum Sample Volume

3.0 mL whole blood

Turnaround Time

System provides first result in as little as 14 min, and a panel of 4 tests in 26 min, from a whole blood sample

Automatic Alignment

Level-sensing capabilities automatically align to each TestPak and module

Computer Interface Specifications

LIS Compatible; Uni-directional

Connectivity Ready

Compatible with:

TELCOR: Quick-Linc® and QML® Medical Automation Systems: RALS-Plus®

Environmental Specifications

Room Temperature: 15–30°C (65–85°F)
Humidity: 20–80%

Waste Disposal

All hazardous materials are contained within a disposable waste liner

Centrifuge Speed

Microprocessor verified between 18,000 and 22,000 rpm

For more information, please contact your Siemens representative or call **1-800-242-3233, option 3, 2.**

Sample and TestPak Identification

Universal Bar Code Reader

Automatic Dilutions

Single-use DilPaks per method**

Real-Time Fluid Management

Liquid level-sensing capability combined with fluidic dispense monitoring system

Quality Control

- Daily System Check (electronic QC) with a programmable time lockout
- Liquid controls are processed after calibration, upon receipt of a previously calibrated lot of reagents, whenever the site wishes to verify performance, and according to local, state, and/or federal regulations

QC Lockout

On board "QC Required" alert for a Time Element and/or Range Check

Data Storage/Quality Control

The last 20 results are stored and can be reprinted and/or transmitted to LIS

Software Features

- Patient ID and/or Sample ID Entry
- Sample Collection Time Entry
- Unauthorized Operator Lockout Capability
- TestPak Lot Expiration Notification
- Password Protection of Advanced Setup Functions
- POC Interface Mode for Connectivity

* Kiosk includes Stratus CS, Cart, Refrigerator, and UPS power supply. Cart, UPS power supply and refrigerator available at additional cost

**Automatic dilutions are not available for CardioPhase hsCRP

Reagent Specifications

Storage Requirements

TestPaks, CalPaks, and DilPaks 2 to 8°C
Troponin-I CalPak and NT-proBNP Calpak = (–10 to –20°C)

Calibration Stability

60 days for cTnl, CK-MB, Myoglobin, CardioPhase hsCRP and D-dimer
90 days for BhCG
30 days for NT-proBNP

Calibration Feature

Up to 3 separate TestPak lots per assay can be stored

Reagent Capacity

Single-use assay cartridges

Assay Technology

Dendrimer enhanced radial partition immunoassay

Service and Support

Training

On-site training provided by clinical application specialists plus a complete training kit for continuous operator proficiency

Service

A dedicated Field Service Group; response time within 24 hours

Technical Assistance

(1-800-405-6473)
Telephone support is available 24 hours per day, 365 days per year

Clinical Quality Initiatives Team

Focusing on Acute Care™ diagnostics, the team works as an active partner to provide high-quality consultative support with Siemens customers on a complimentary basis within hospital clinical environments in order to make a positive impact in healthcare

www.ChestPainPerspectives.com

The Chest Pain Perspectives® internet site is an educational forum to help patients and healthcare professionals enhance the identification of chest pain that may be related to cardiovascular disease