

The CARESIDE System™

The Complete Point Of Care Solution For Practice Enhancement and Patient Satisfaction

CARESIDE offers a complete in-vitro blood diagnostics point-of-care system to provide superior patient care, testing simplicity, and practice enhancement for a wide range of healthcare providers and applications. From blood draw, through testing, diagnosis, treatment and billing, the

CARESIDE System puts the lab at the point of care in the individual office setting, in the physician-owned lab, or in wider ranging hospital applications. CARESIDE offers the only full-menu point-of-care solution to advance testing where rapid results are needed most.

CARESIDE Analyzer™

Small In Size. Huge In Application.

The CARESIDE Analyzer is a desktop testing platform that incorporates gold standard testing technologies with micro-fluidics and micro-electronics into a compact instrument less than one cubic foot in size. The instrument's intuitive 'touch-screen' interface is easy to learn and allows the user to program a wide variety of patient testing and QC data. The CARESIDE Analyzer has been carefully designed to simplify CLIA regulatory compliance. And, the CARESIDE Analyzer, with its FDA point-of-care clearance, is so easy to use that staff without technical lab training can operate the system with confidence.

Any number and combination of tests may be ordered from the CARESIDE Analyzer's menu of forty-one tests. In just 6 to 12 minutes, the instrument can process whole blood, plasma or serum specimens for as many as six cartridges. Test results, including reference intervals and any flagged alert values, are displayed on the screen and can be printed directly on the instrument's onboard printer. Results can also be downloaded to a floppy diskette or transmitted to the user's lab information or practice management system.



CARESIDE Cartridge™

*One Flexible Platform.
Multiple Tests.*

The CARESIDE Cartridge platform is a miniature, self-contained system that integrates multiple testing processes across chemistry, electrochemistry, and coagulation methodologies. The system is optimized to run on approximately 2-3 drops of whole blood, eliminating sample preparation and centrifugation. Cartridges are also bar-coded with test, lot number, expiration date and calibration information.

With CARESIDE Cartridge technology, CARESIDE delivers a full menu of film-based chemistry and hemoglobin tests using reflectance, electrolytes by ISE methodology and coagulation by transmittance. These are the same gold standard technologies employed by hospital and reference laboratory instrumentation worldwide.



Place blood sample



Insert cartridge



Get printed results



Review with patient



CARESIDE Connect™ Closing The Loop At The Point Of Care

CARESIDE Connect integrates one or more CARESIDE Analyzers into an in-office network. Connect captures and retrieves patient, QC and billing data, and makes all this available to lab information systems, practice management systems, and to remote locations anywhere.



CARESIDE

Advancing The Lab At The Point Of Care

The CARESIDE Cartridge™

We Eliminated the Lab. Here's What's Left.

The CARESIDE Cartridge provides a self-contained and flexible platform that integrates multiple testing processes while offering expansion capabilities for additional clinical tests. CARESIDE's patented series of cartridge designs is the key enabling technology of the CARESIDE Analyzer.

The CARESIDE Cartridge's design simplifies testing by automatically managing many of the specimen processing steps that otherwise add cost and lead to errors in the testing process. Chambers and channels engineered into each

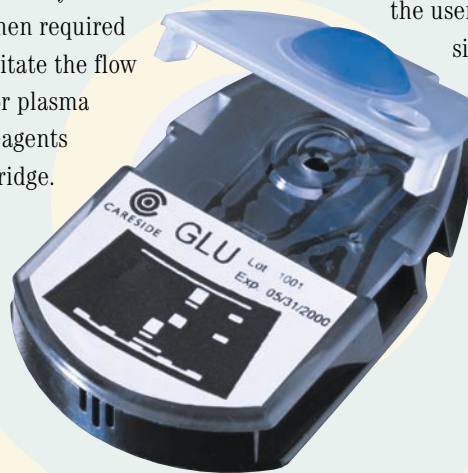
cartridge interact with the CARESIDE Analyzer to control the separation of plasma from cells, precisely meter the amount of specimen required for the test, and facilitate the flow of the blood, serum or plasma specimen onto dry reagents packaged in the cartridge.



Chemistry



Coagulation



CARESIDE has preselected and optimized all of the reagents necessary for each test category, so there's no risk of lab error.

By using varied cartridge designs working in concert with the CARESIDE Analyzer's multiple detection technologies, CARESIDE reduces the capital cost of configuring your lab. CARESIDE also makes the overall blood testing process easier, and allows the user to select from an extended range of the most commonly needed chemistry, electrochemistry and coagulation tests.

The CARESIDE Analyzer can process up to 6 cartridges simultaneously, offering the user the convenience of single-test testing or the power to run metabolic, lipid, hepatic, electrolyte or custom profiles.



Electrochemistry



Electronic Quality Control

Test Category	FDA Cleared/Exempt			Planned Submissions
Electrochemistry	Anion Gap Chloride	Potassium Sodium		Ionized Calcium
Chemistry	A/G Ratio Albumin Alkaline Phosphatase ALT ALT/AST Ratio Ammonia Amylase AST Bilirubin, Direct Bilirubin, Indirect (calc) Bilirubin, Total	BUN BUN/Creat. Ratio Calcium, Total Carbon Dioxide Cholesterol, HDL Cholesterol, LDL (calc) Cholesterol, Total Chol/HDL Chol Ratio Cholinesterase Total CK CKMB % of CKMB	Creatinine GGT Globulin (calc) Glucose LDH Magnesium Osmolality (calc) Phosphorous Protein Triglycerides Uric Acid	Cholesterol, LDL, Direct Cholesterol, HDL, Direct Lactate
Coagulation		Prothrombin Time		aPPT Fibrinogen Thrombin Time
Hematology		Hemoglobin Hematocrit		
Immunochemistry				Carbamazepine Digoxin Phenytoin Theophylline



CARESIDE

Advancing The Lab At The Point Of Care