

Proven

SCIENCE PERFORMANCE EFFICIENCY

Clinical Chemistry Systems for Veterinary Research Applications



DiaSys Diagnostic Systems, USA New Customer Promotion

Receive Year 2 Service Warranty at No Charge with Instrument Purchase Between July and December 31, 2021

We are excited to now be part of the product offering from Government Scientific Source. To get things started, we are offering an additional year of extended service warranty with new instrument acquisitions through year end 2021.

Our innovative respons[®]910VET Chemistry System is designed to provide many clinical benefits to low-mid volume research labs.

- Small sample volume requirement of an average of only 4uL per test
- Over 40 unique applications available
- Multi-species testing capability
- Reference laboratory quality of results
- High reliability and low cost of ownership



DiaSys

USA

Proven Commitment to Quality: Innovative system design delivers results of the highest quality

DiaSys Diagnostic Systems has been at the leading edge of innovative reagent development for over two decades. We are the world leader in the development of liquid, ready-to-use products with extended room temperature stability. Our chemistries are available on both DiaSys branded systems as well as many other open chemistry analyzers in the market. Reagent applications for the **respons910®VET** system are specifically configured to minimize the impact of interfering substances such as lipids, bilirubin and hemoglobin in samples. Extended linearity of our assays nearly eliminates repeat testing due to sample results being out of range. Our fully integrated system — made up of easy-to-use analyzer, proprietary reagents and optimized applications — assures the most cost-effective and highest-quality results, time after time. Quality you can count on. To us, the proof is in the results!



Technical Specifications

System type	Bench top clinical chemistry analyzer
Throughput	100-150 test/hour
Reagent/sample tray	30 reagent positions plus 30 sample positions; combined in single tray
Sample types	Serum, plasma, whole blood, CSF, urine
Sample volume	2-30 μ L
Reagent pipetting volume	Reagent 1: 120-250 μ L Reagent 2: 10-130 μ L
Sensors	Liquid level sensor, clot detection sensor and probe sensor
STAT-analytics	Two sample positions for loading of emergency samples at any time
Bar code identification	Automated bar code reader for reagent and sample
Measuring principle	Colorimetry (rate; end point)
Sample tubes/cups	Primary tubes of 5, 7, and 10 mL and sample cups (1.5 and 2.5 mL)
Reagent on board capacity	30 different methods in bar coded containers
Reaction temperature	37 \pm 0.2 $^{\circ}$ C
Photometry	12 wavelengths: 340, 380, 405, 450, 480, 508, 546, 570, 600, 660, 700 and 800 nm (mono and bi-chromatic)
System interface	Analyzer to PC: USB 2.0 connectivity bi-directional; PC: Pentium IV or higher
PMS/LIS connectivity	Yes
Remote diagnostics	Yes
Power source	AC 110/220 V, 60/50 Hz; 300 VA excluding PC/printer/monitor
Dimensions	24 in (W) x 26 in (D) x 24 in (H) / 60 cm (W) x 67 cm (D) x 60 cm (H)
Weight	Approximately 132 lbs / 60 kg



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