VetScan VS2™

Technical Data and Specifications

Measurement Principles

Sample Volume:	100 µl whole blood, plasma or serum
Reagents:	rotors with 2 to 14 clinical chemical parameters
Temperature:	37°C
Principle:	photometrical measurement of wet chemical colour reaction
Wave Length:	340 nm, 405 nm, 467 nm, 500 nm, 515 nm, 550 nm, 600 nm, 630 nm and 850 nm
Light Source:	stroboscopic xenon lamp

Data Processing

Reference Values:	predetermined reference values for dog, cat, horse up to 99 more species
Data Storage:	up to 5.000 results
Print:	integrated thermoprinter
Data Interface:	USB- and TCP-IP interface

Technical Data

Power Requirements:	100 - 240 volts AC or 15 volts DC
Dimensions:	325 x 149 x 210 mm
Weight:	5,3 kg

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Vers.: 20140217ENG

VetScan VS2™

Whole Blood Analyser for Fast Clinical Chemistry Profiles!

Clinical Chemistry, Electrolytes, Immunological Tests and Blood Gases - All in a Single Device!

VetScan VS2™

Whole Blood Analyser!

The innovative clinical chemistry analyser VetScan VS2™ meets every demand of an in-house laboratory device a veterinarian could possibly ask for: The device guides the user through the menu by an intuitive touch screen. The VetScan VS2™ analyses up to 14 different parameters grouped in different indication-related diagnostic profiles. You need just one device to cover analyses from the following areas: clinical chemistry, electrolytes, immunology and blood gases. The level of precision and accuracy of the VetScan VS2™ is comparable to the performance of large-scale laboratories due to the use of wet chemical analytical reactions. The quality of reagents and samples is automatically controlled during the analytical cycle. You can trust in it, the results are 100% reliable!

Fast

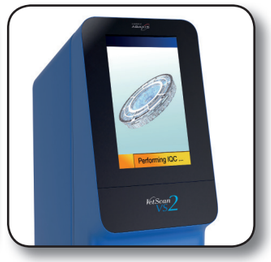
Real-Time Analyser for the Veterinary Practice

The innovative clinical chemistry analyser VetScan VS2™ meets every demand of an in-house laboratory device a veterinarian could ask for. The VetScan VS2™ measures up to 14 different parameters in only 12 minutes. Since the analysis is done directly from whole blood, time-consuming sample preparation and centrifugation is no longer necessary.

Reliable

Intelligent Quality Control for Reliable Results

The quality of reagents and samples is automatically controlled during the analytical cycle. The level of precision and accuracy of the VetScan VS2™ is comparable to the performance of large-scale laboratories due to the use of wet chemical analytical reactions. The integrated quality control feature automatically checks the stability of the reagents and the quality of the samples used.



Modern

Modern Design for Practical Needs

The device features a modern design as well as user-oriented equipment. The full colour touch screen display offers a structured overview of all menu items, allowing the start of an analysis at the push of a button. The results of the measurements are printed or transferred directly into any standard practice management software. Up to 5.000 results can be stored in the device itself.

1. Fill in Sample

To start the analysis fill the rotor with only 100 µl of whole blood. Time-consuming sample preparation and centrifugation are not necessary. All reagents are onboard the rotor.

2. Insert Rotor

Insert this rotor into the receptacle drawer of the device. After the start key is pressed, the device closes the drawer automatically and begins with the analysis. The patient number can be entered via touch screen.

VetScan VS2™

Run a Measurement with only one Click!

3. Printout Results

The analysis takes up to 12 minutes. The result is printed out and displayed on the screen. At the same time the data is transferred to practice management software.