

# Exigo™ C200 veterinary clinical chemistry system

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To achieve a diagnosis, the veterinarian needs to look at the manifestations of the disease. Investigating one of these parameters alone provides a good insight, however investigating multiple parameters provides assurance. The Exigo C200 is a veterinary clinical chemistry system, equipped to deliver valuable insight on both biochemistry and electrolytes.

Designed for flexibility and simplicity, the Exigo clinical chemistry system suits many types of veterinary clinics.



# Minimal handling, maximized insight



- Portable device, with more than 30 pre-installed animal profiles, provides flexibility in use.
- Up to 17 parameters in one single run saves sample volume and analysis time.
- Three simple steps to results: apply sample to rotor, insert rotor, press start.

## Technical specification

### Testing principle

Absorption spectroscopy, transmission turbidimetry

### Parameters

Comprehensive panel

ALB, ALP, ALT, AMY, AST, BUN, , CREA, GLU, GGT, TB, TC, TG, TP, UA, A/G\*, BUN/CREA\*, GLOB\*,

Health check panel

ALB, ALT, AMY, AST, BUN, Ca, CK, CREA, GLU, PHOS, TB, TG, TP, A/G\*, BUN/CREA\*, GLOB\*

Liver panel

ALB, ALP, ALT, AST, GGT, TC, TBA, TB, TP, A/G\*, GLOB\*

Kidney panel

ALB, BUN, Ca, CREA, GLU, PHOS, tCO2, UA, BUN/CREA\*

Electrolyte panel

Ca, Cl, K, Mg, Na, PHOS, tCO2

Pre-operation panel

ALP, ALT, AST, BUN, CK, CREA, GLU, LDH, TP, BUN/CREA\*

Canine CRP panel

AMY, BUN, cCRP, CREA, LPS, BUN/CREA\*

Feline SAA panel

ALT, BUN, CK, f-SAA TBA, TP

\*Calculated Parameters

### Species

≥ 30 pre-installed animal profiles  
Possibility of creating own profiles manually

### Testing time

12 minutes per sample

### Sample type

100 µL of lithium-heparin anti-coagulated whole blood, serum or plasma

### Precision

CV < 10% in linear range of assays

### Reagents

Multiple parameter rotors (panels): Comprehensive, health check, liver, kidney, electrolyte, pre-operation, canine CRP, feline SAA

### Display

6.5 inch color touch TFT screen

### Data storage capacity

> 100 000 results

### Interface ports

2 USB ports

### Printout

- Internal thermal printer
- Combined (C200 and H400) printout available through H400

### Dimension

192 (H) × 213 (W) × 220 (D)

### Weight

4.2 kg

### Additional Features

- Portable unit, handle on the back of the instrument
- No liquid reagents, no calibration
- Three simple steps to results

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# Exigo™ C200 panels

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Exigo C200 panels offers an easy and quick route to multiplex analysis of animal blood. The panels comprise up to 17 different parameters, developed and combined to support the clinician in assessing the health status or diagnosis of a patient.







## Comprehensive Panel

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The Comprehensive Panel provides an overall assessment of a patient's general health and well-being in a point-of-care setting, whether mammalian, reptile, or avian sample. The panel also provides an indication of the need for further testing.

**Parameters:** ALB, ALP, ALT, AMY, AST, BUN, CREA, GGT, GLU, TB, TC, TG, TP, UA, A/G \*, BUN/CREA \*, GLOB \*

## Pre-operation Panel

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The Pre-operation Panel is intended for a slimmer general screening of healthy patients, pre-operation check, or as a good re-examination panel for certain diseases. The panel provides results for the most essential and critical parameters to monitor for a patient.

**Parameters:** ALP, ALT, AST, BUN, CK, CREA, GLU, LDH, TP, BUN/CREA \*

## Canine CRP Panel

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The Canine CRP Panel, together with a hematology screening, helps you to identify bacterial infections, which is important for administration of antibiotics and to follow-up on a patient's response to an infection.

**Parameters:** AMY, BUN, cCRP, CREA, LPS, BUN/CREA \*

## Electrolyte Panel

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The Electrolyte Panel allows testing of the body's osmotic and acid/base balance, which is important for certain diseases, but also a standard check for hospitalized patients. Moreover, the Electrolyte Panel allows metabolic, neuromuscular, and cardiovascular monitoring with the Mg parameter.

**Parameters:** Ca, Cl, K, Mg, Na, PHOS, tCO2



## Kidney Panel

The Kidney Panel is a universal panel for all species, helping you to locate potential abnormalities in the renal function. For cats, for example, creatinine, calcium, and phosphorus are especially important for monitoring chronic kidney disease (CKD).

**Parameters:** ALB, Ca, CREA, GLU, PHOS, tCO<sub>2</sub>, UA, UREA, BUN/CREA\*

## Liver Panel

The Liver Panel helps the clinician to examine possible hepatic-related diseases and to monitor the functioning of the patient's liver. Many drugs influence the hepatic system and can potentially cause damage if their effects are not monitored properly.

**Parameters:** ALB, ALP, ALT, AST, GGT, TBA, TB, TC, TP, A/G\*, GLOB\*

## Health Check Panel

The Health Check Panel is intended for broad testing in general health screening. For example, the combination of phosphate, calcium and creatinine provides an estimate of the liver and kidney function. The panel also provides information on the need for further specific diagnostic testing. The Health Check Panel also serves as a good panel for a broad equine testing.

**Parameters:** ALB, ALT, AMY, AST, BUN, Ca, CK, CREA, GLU, PHOS, TB, TG, TP, A/G\*, BUN/CREA\*, GLOB\*

## Feline SAA Panel

The Feline SAA Panel, together with hematology testing, is used for bacterial infection screening in cats, which is important for administration of antibiotics and to follow-up on a patient's response to an infection.

**Parameters:** ALT, BUN, CK, f-SAA TBA, TP

# Parameter abbreviations

|              |                            |              |                        |                  |                                       |
|--------------|----------------------------|--------------|------------------------|------------------|---------------------------------------|
| <b>ALB</b>   | Albumin                    | <b>Crea</b>  | Creatinine             | <b>TB</b>        | Total bilirubin                       |
| <b>ALP</b>   | Alkaline phosphatase       | <b>f-SAA</b> | Feline serum amyloid A | <b>TBA</b>       | Bile acids                            |
| <b>ALT</b>   | Alanine aminotransferase   | <b>GGT</b>   | Gamma-GT               | <b>TC</b>        | Total cholesterol                     |
| <b>Amy</b>   | Amylase                    | <b>GLU</b>   | Glucose                | <b>tCO2</b>      | Total carbon dioxide                  |
| <b>AST</b>   | Aspartate aminotransferase | <b>K</b>     | Potassium              | <b>TG</b>        | Triglycerides                         |
| <b>BUN</b>   | Blood urea nitrogen        | <b>LDH</b>   | Lactate dehydrogenase  | <b>TP</b>        | Total protein                         |
| <b>Ca</b>    | Calcium                    | <b>LPS</b>   | Lipase                 | <b>UA</b>        | Uric acid                             |
| <b>c-CRP</b> | Canine C-reactive protein  | <b>Mg</b>    | Magnesium              | <b>A/G*</b>      | Albumin/Globulin                      |
| <b>CK</b>    | Creatine kinase            | <b>Na</b>    | Sodium                 | <b>BUN/CREA*</b> | BUN to Creatinine ratio               |
| <b>Cl</b>    | Chlorine                   | <b>PHOS</b>  | Phosphorus             | <b>GLOB*</b>     | Globulin, total protein minus albumin |

\* Calculated parameters

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