

scil vCell 5

Technical Data and Specification

Technical Data

Species:	Dog, Cat, Horse
Parameter:	WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS%, BAS%, RBC, HGB, HCT, MCV, RDW, MCH, MCHC, PLT, MPV, PCT, PDW, P-LCR%, P-LCC
Histogram:	RBC and PLT
Scattergram:	WBC
Sample Volume:	30 µl EDTA whole blood
Performance:	50 measurements per hour
Technology:	<ul style="list-style-type: none"> • laser-based leucocyte determination • impedance-based erythrocyte and platelet determination • photometric hemoglobin detection
Data Storage:	40.000 results incl histograms
Display:	10,1 Zoll LCD touchscreen display
Dimension:	28 x 22 x 32 cm (H x B x D)
Weight:	9.4 kg

Your Benefits for your Clinic:

- combined laser and impedance measurement method for accurate measurement results
- latest microfluid technology for a low reagent consumption
- environmentally friendly due to low reagent consumption and sustainable production
- small analyser footprint, same size as an A4 sheet
- modern touchscreen display for your lab equipment
- simple menu navigation: tap and swipe like a mobile phone
- bi-directional communication with your practice management software



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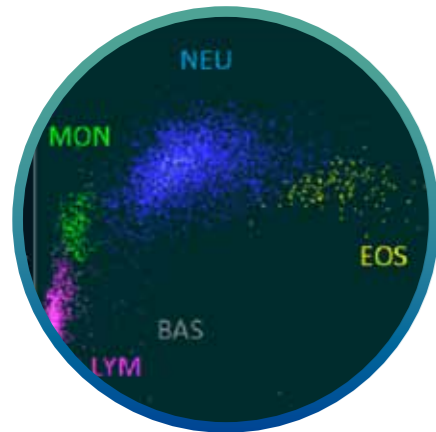
scil vCell 5

Modern & Smart

5-part differentiation with combined laser and impedance measurement method

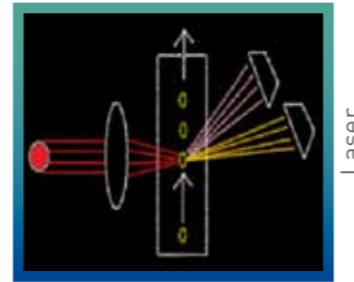


MODERN



5-part differentiation with scattergram

The scil vCell 5 determines a complete hematological blood count with 26 parameters including a WBC scattergram, RBC and PLT histograms.



Combined measuring method

The scil vCell 5 provides accurate results using a combined measuring process with both impedance and laser. The laser based flow cytometry with forward-scattered light detection and volumetric impedance measuring ensures the most accurate results every time.

Reduce reagent consumption with microfluid technology

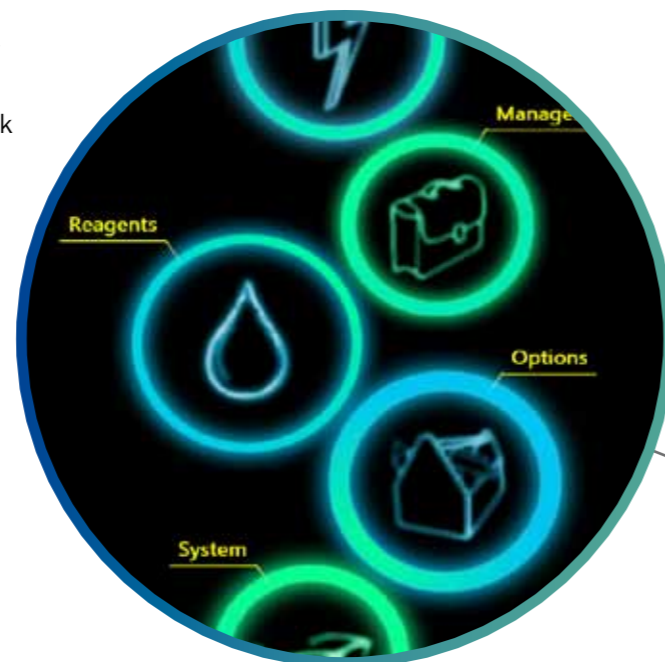
The scil vCell 5 has been developed using the latest haematology micro fluid technology. This innovative technology means you can reduce reagent consumption by approximately 75 % compared to devices using more traditional technology, helping the environment.

Bi-directional data transmission

Optimise your workflow and save time with bi-directional communication. Send a lab order from you exam room to the scil vCell 5, and the analyser will send the measurement result back to your practice management system.

Remote maintenance

The scil vCell 5 boasts remote access which allows the machine to be remotely adjusted and controlled. This means time saving maintenance, support and remote trouble shooting are easier, and more convenient.



SMART

Environmentally friendly

Reduced reagent volumes help to minimise the use of laboratory chemicals and the 'green' printer concept helps to reduce running costs and to protect the environment.

Value for money

High throughput, low cost of ownership and small sample volume make the scil vCell 5 an efficient haematology system for everyday use.

Modern navigation menu

The space-saving scil vCell 5 features a 10" high-resolution touchscreen that uses the same controls as smartphones. 'Swipe and tap' instead of 'press and scroll' allows you a completely new, time-saving experience. The look and feel of the scil vCell 5 brings blood analysis into the 21st century.

Small sample volume

With the scil vCell 5 you only need one drop of blood for a complete measurement. The system aspirates 30 µl of whole blood, but actually only uses 2 x 1 µl – the smallest sample volume ever processed by a haematology machine.



analyser footprint in the scale 1:1

