

## 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"> <li>• laser-based leucocyte determination</li> <li>• impedance-based erythrocyte and platelet determination</li> <li>• photometric hemoglobin detection</li> </ul>
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



## scil vCell 5

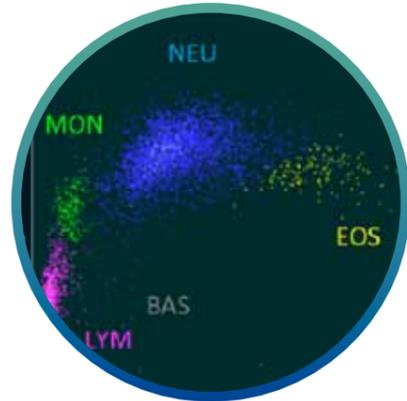
### Modern & Smart

5-part differentiation with combined laser and impedance measurement method



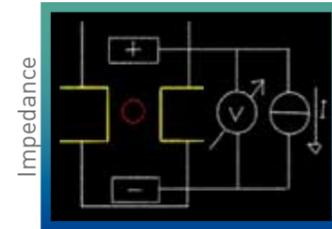
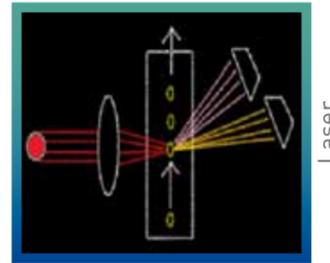
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# MODERN



### 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

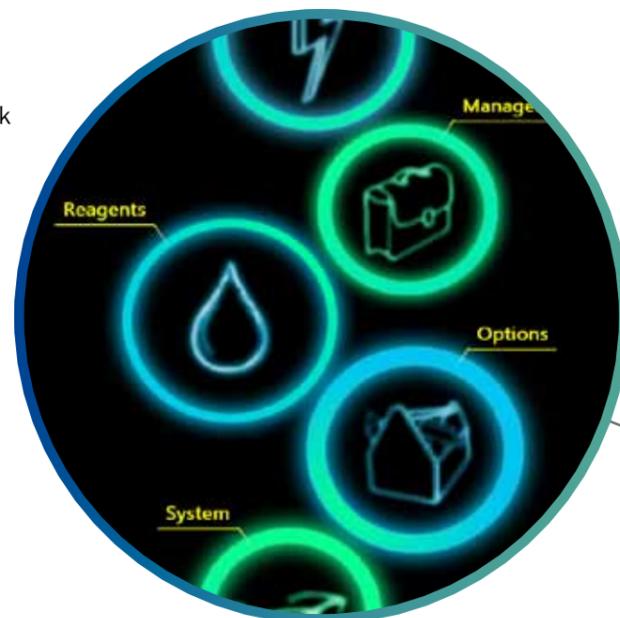
The scil vCell 5 has been developed using the latest haematology micro fluid technology. This innovative technology means you can reduce reagent consumption by approximately 75 % compared to devices using more traditional technology, helping the environment.

### 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 21<sup>st</sup> 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

