

## scil vCell 5

### Technical Data and Specification

#### Technical Data

Species:	Dog, Cat
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 inkl. histograms
Display:	10,1 Zoll LCD touchscreen display
Dimension:	28 x 22 x 32 cm (H x B x T)
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 space requirement, one DIN A4 sheet is enough
- modern touchscreen display for your lab equipment
- simple menu navigation: tap and swipe like a mobile phone
- bidirectional communication with your practice management software possible

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## scil vCell 5

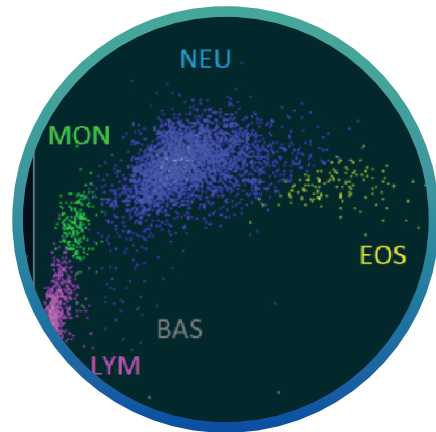
### modern & smart

5-part differentiation with combined laser and impedance measurement method



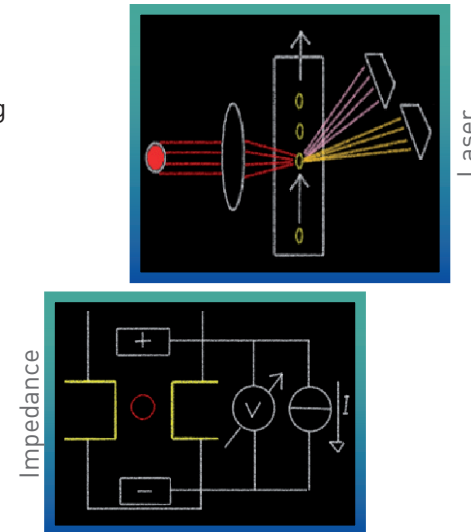
scil vCell 5: modern & smart

# 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 uses laser based flow cytometry with forward-scattered light detection and volumetric impedance measuring method. scil vCell 5 assures accurate results with combined measuring procedures

## Microfluid technology to reduce reagent consumption

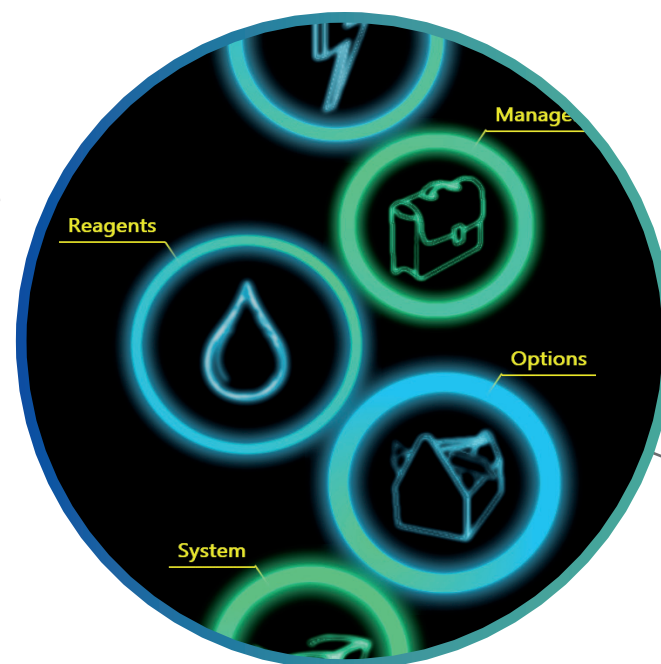
The scil vCell 5 is based on the latest hematology microfluid technology! This innovative technology reduces reagent consumption by approximately 75% compared to devices based on traditional technology. scil vCell 5 saves environment and space in your laboratory.

## Bi-directional data transmission

Optimize your laboratory workflows with bi-directional data transmission: Send a lab order from your examination room to the scil vCell 5, and the scil vCell 5 sends the measurement result back to your practice management software. scil vCell 5 saves time without double input of patient data.

## Remote maintenance

scil vCell 5 uses remote access to be remotely adjusted and controlled. The unique connectivity feature enables time-saving maintenance and quick support. scil vCell 5 makes remote trouble shooting easier.



# SMART

## Ecologically sensible

Small reagent volumes help to minimize the use of laboratory chemicals. By reducing the transport volume and using a „green“ printer concept, the scil vCell 5 helps to save a significant part of the running costs, to keep test costs low and to protect the environment.

## Economically valuable

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

## Modern menu navigation

The space-saving scil vCell 5 features a 10" high-resolution touchscreen display that uses the same controls as your smartphone. „Swipe and tap“ instead of „press and scroll“ is therefore the motto and allows you a completely new, time-saving interaction with your scil vCell 5. The „look and feel“ of the scil vCell 5 meets your modern practice equipment!

## Smallest sample quantity

The scil vCell 5 requires one drop of blood for a complete measurement. The system aspirates 30µL of whole blood, but actually uses only 2 x 1µL - the smallest sample volume ever processed by a hematology device.



Stand area in the scale 1:1

This device also fits in your practice!