**V-Counter®**

New generation of hematology analyzers

The best for small- and medium sized laboratories

Ideal for pediatric use

Special mode for POC

Smallest reagent consumption

Capillary measurement
Reagent consumption is less by approx. 80% due to microfluidics technology.

CBC measurement can be done by a <10 µL sample. This is very useful for infant examination where venous blood is difficult to collect.

V-Counter® operates with any type of open and closed EDTA test-tubes available in the market.
Automated analysis for 26 parameters, including a 3-part differential

Leucocytes (WBC)
  Lymphocytes (LYM%)
  Lymphocytes, % (LYM%)
  Mid-sized cells (MID)
  Mid-sized cells, % (MID%)
  Granulocytes (GRA)
  Granulocytes, % (GRA%)
Hemoglobin (HGB)
Erythrocytes (RBC)
Hematocrit (HCT)
Mean corpuscular volume (MCV)
Red cell distribution width (RDWs)
Red cell distribution width, % (RDWc)

Mean corpuscular hemoglobin (MCH)
Mean corpuscular hemoglobin concentration (MCHC)
Platelets (PLT)
Mean platelet volume (MPV)
Plateletcrit (PCT)
Platelet distribution width (PDWs)
Platelet distribution width, % (PDWc)
Platelet large cell ratio (P-LCR)
Platelet large cell concentration (P-LCC)
Large platelet concentration ratio (LPCR)*
Large platelet concentration ratio, % (LPCR%)*
Lymphocyte index (LYMi)*
Neutrophil-to-lymphocyte ratio (NLR)*

* available for V-Counter® PC Analyzer only

1  V-Counter® PC Analyzer

Automated hematology PC-analyzer for 26 parameters, including a 3-part differential

The results are automatically transferred to your PC.

You may print report, save it on PC or send it by e-mail.

2  V-Counter® Integro

Integrated solution for a complete blood count.

Combines analysis results from hematology analyzer and blood cell morphology from Vision Hema® imaging analyzer.
## Specification

<table>
<thead>
<tr>
<th>Parameters</th>
<th>WBC, LYM, MID, GRA, LYM%, MID%, GRA%, HGB, RBC, HCT, MCV, RDWs, RDWc, MCH, MCHC, PLT, MPV, PCT, PDWs, PDWc, P-LCR, P-LCC, LPCR*, LPCR%<em>, LYMi</em>, NLR*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Histograms</td>
<td>WBC, RBC, PLT</td>
</tr>
<tr>
<td>Measurement technology</td>
<td>volumetric impedance measurement combined with microfluidic technology</td>
</tr>
<tr>
<td>Sample volume</td>
<td>&lt;10 µl whole blood (with EDTA) (open tube sampling mode)</td>
</tr>
</tbody>
</table>
| Throughput | — open vial mode — 45 tests / hour  
| | — closed vial mode — 60 tests / hour |
| User interface | LCD, 10", 1280x800 with capacitive touchscreen |
| Dimensions (HxWxD) | 263x206x313 mm |
| Weight | <10 kg |
| Power | 12 V, 5 A |
| Power consumption | maximum 45 W |
| Reagents consumption / test | — open vial mode — isotonic diluents: 5.5 ml; lyse: 1.0 ml; system solution: 2.0 ml  
| | — closed vial mode — isotonic diluents: 5.5 ml; lyse: 1.0 ml; system solution: 0.8 ml |
| Vision CBC® software | — automatic transfer of results from the hematology analyzer and entry into report  
| | — database management  
| | — automatic management of data statistics  
| | — blood analysis reports. Customizable guide to generate reports according to your personal requirements  
| | — remote access and data exchange with LIS/HIS |
| Available reagents | isotonic diluents solution, lysing solution, system solution, cleaning solution |
| Available hematology blood control | low level, normal level, high level (1 vials of 2.5 ml) |

* available for V-Counter® PC Analyzer only

## Ordering information

**V-Counter®**  
Set includes: V-Counter® hematology analyzer, printer (option)

**V-Counter® PC Analyzer**  
Set includes: V-Counter® hematology analyzer, Vision CBC® software, optional PC and printer

**V-Counter® Integro**  
Set includes: V-Counter® hematology analyzer, Vision Hema® imaging analyzer, printer (option)

* Product images are shown for reference only and final product may differ