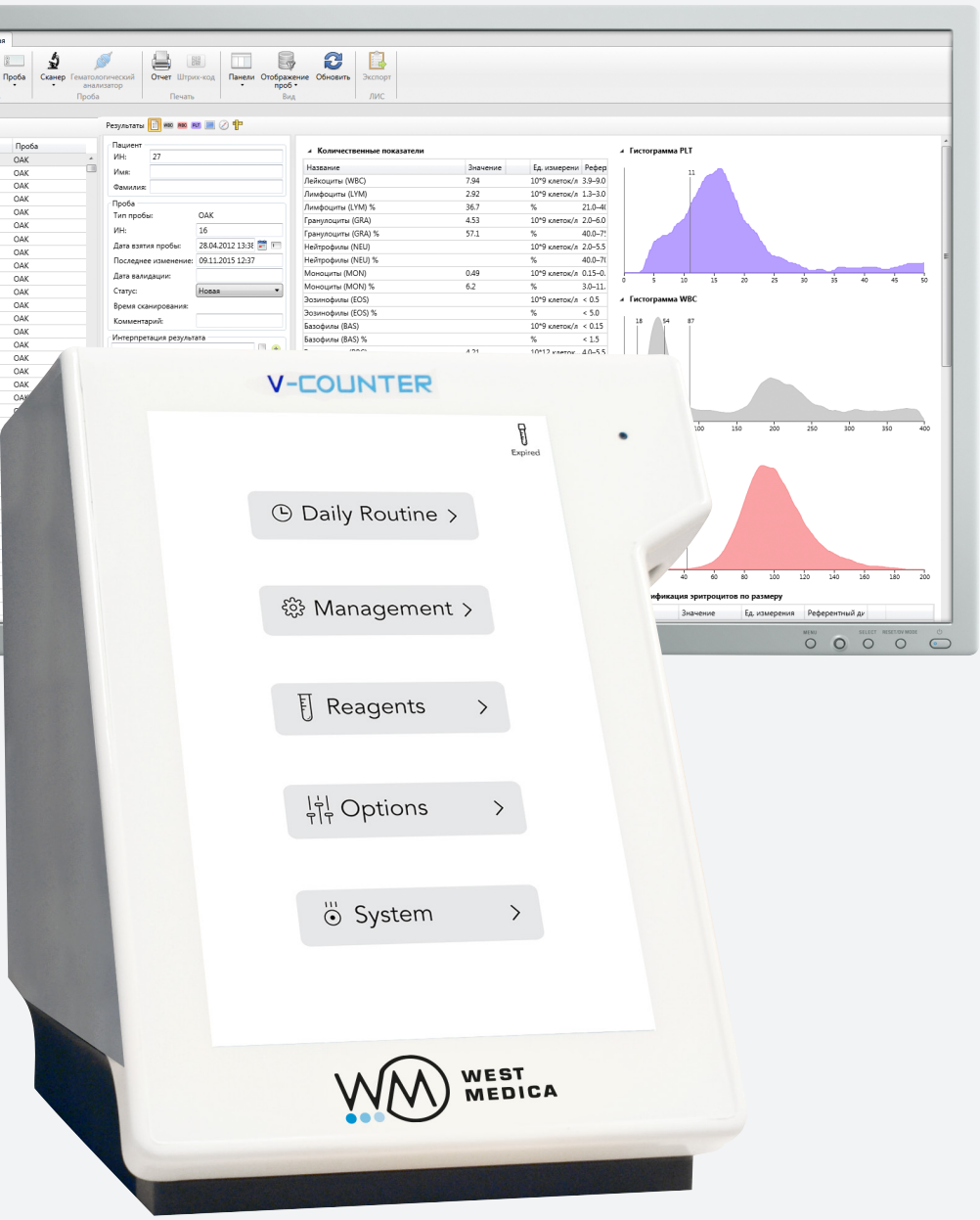
WEST MEDICA

Digital Microscopy and AI

Clinical and Research Applications

V-Counter®

Hematology analyzer



The best choice for small- and medium sized laboratories

Special mode for POC

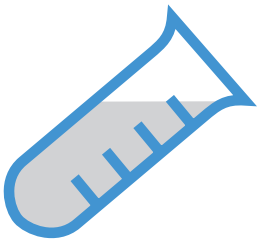
Smallest reagent consumption

Capillary blood measurement

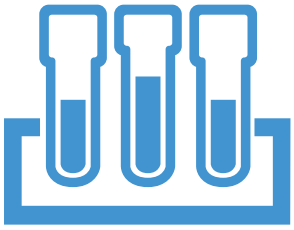
Cost-effective and economic analyzer

80%

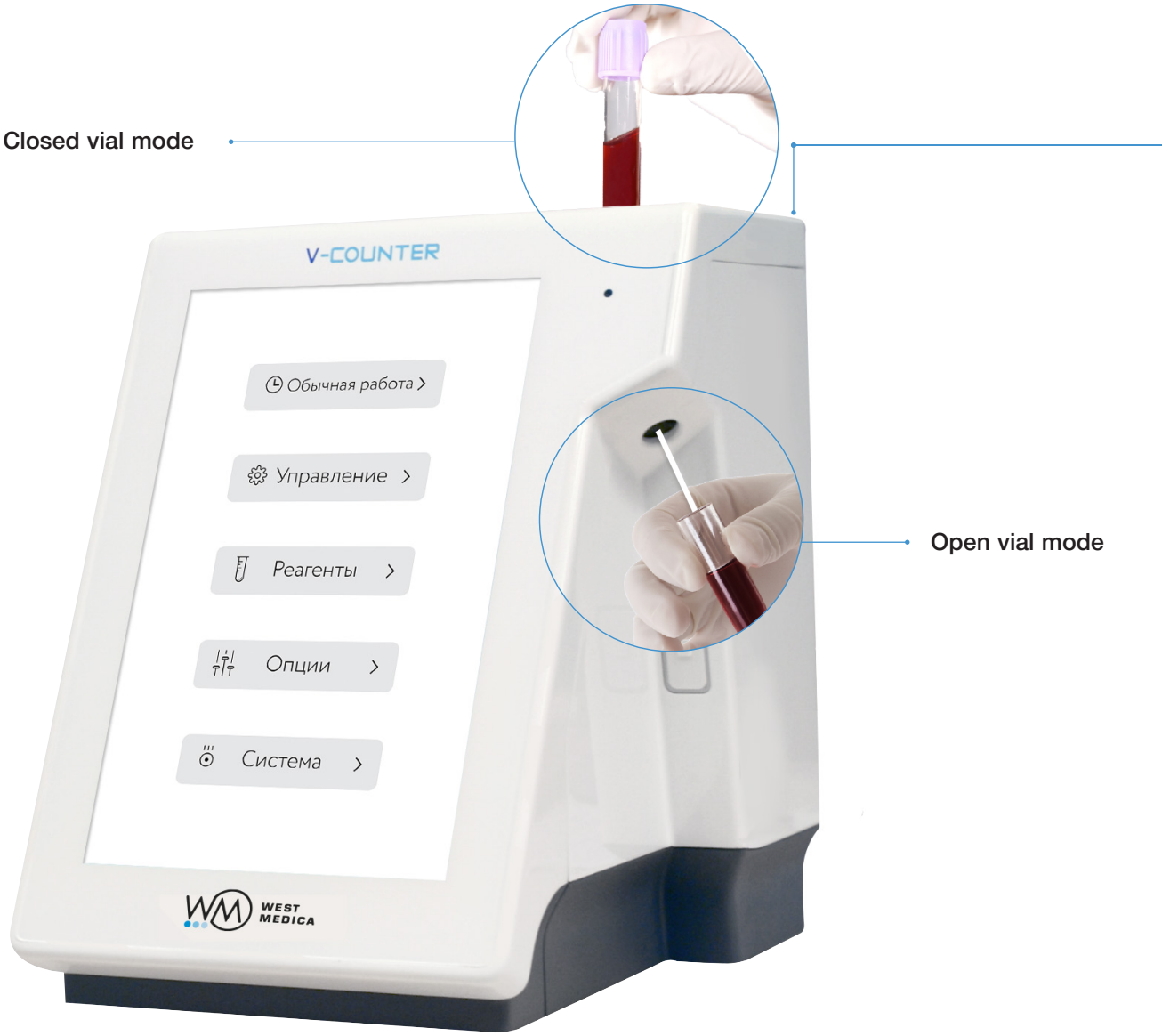
Reagent consumption is less by approx. 80% due to microfluidics technology.



CBC measurement can be performed by a <10 µL sample. This is very useful for pediatric 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 22/24 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)
- Red cell distribution width (RDWs)
- Red cell distribution width, % (RDWc)
- Mean corpuscular volume (MCV)
- 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)
- Lymphocyte index (LYMi)*
- Neutrophil-to-lymphocyte ratio (NLR)*

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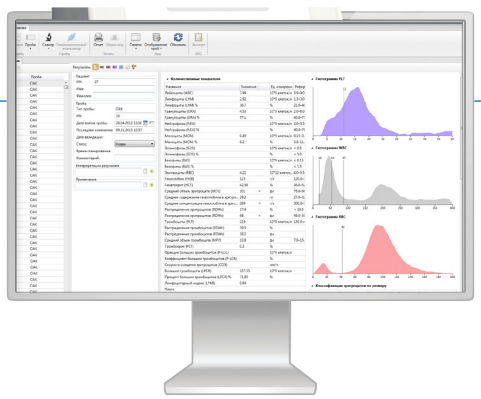
V-Counter® + printer

Automated hematology analyzer for 22 parameters, including a 3-part differential.



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V-Counter® + PC

Automated hematology analyzer + PC for 24 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.

Specification

Parameters	WBC, LYM, MID, GRA, LYM%, MID%, GRA%, HGB, RBC, HCT, MCV, RDWs, RDWc, MCH, MCHC, PLT, MPV, PCT, PDWs, PDWc, P-LCR, P-LCC, LYMi*, NLR*
Histograms	WBC, RBC, PLT
Measurement technology	volumetric impedance measurement combined with microfluidic technology
Sample volume	<10 µl whole blood (with EDTA) (open tube sampling mode)
Throughput	— open vial mode — 45 tests / hour — closed vial mode — 60 tests / hour
Precision	WBC < 3 %, RBC < 2 %, MCV < 1 %, HGB < 2 %, PLT < 5 %
User interface	LCD, 10", 1280x800 with capacitive touchscreen
Dimensions (HxWxD)	263×206×313 mm
Weight	<10 kg
Power	12 V, 5 A
Power consumption	maximum 45 W
Reagents consumption / test	— open vial mode — isotonic diluent: 5.5 ml; lyse: 1.0 ml; system solution: 2.0 ml — closed vial mode — isotonic diluent: 5.5 ml; lyse: 1.0 ml; system solution: 0.8 ml
Vision CBC® software	— automatic transfer of results from the hematology analyzer and adding them to a report — database management — automatic management of statistics data — blood analysis reports. Customizable guide to generate reports according to your personal requirements — remote access and data exchange with LIS/HIS
Minimal PC requirements	Intel Core i3, 4 Gb RAM, Windows 7; monitor: 1920x1080 screen resolution, 23″.
Available reagents	— V-Reagent Dil — Isotonic diluent solution, 10 L. — V-Reagent Lyse — Lysing solution, 1 L. — V-Reagent Sol — System solution, 5 L — V-Reagent Clean — Cleaning solution, 100 ml. — V-Reagent Pack (500) — Reagent pack for 500 tests
Available hematology blood control	low level, normal level, high level (1 vials of 2.5 ml)

Ordering information

V-Counter® Hematology analyzer including a 3-part differential — for 22 parameters in standalone version — for 24 parameters in PC version with Vision CBC®	80.6001.01

We reserve the right to change specification without notice.

WEST MEDICA

West Medica Produktions- und Handels-GmbH
Brown-Boveri-Straße 6, B17-1
2351 Wiener Neudorf, Austria
tel.: +43 (0) 2236 892465, fax: +43 (0) 2236 892464
vienna@westmedica.com, www.vcounter.eu

Official Distributor

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