

## V-Counter® Hematology analyzer

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Проба Сканер	Ferrore	ический Отчет Штр			е Обновить Экспорт				
ripota ckanep	Гематолог	затор	interestin Ci	npo6 •					
	Проба	Печап	ь	Вид	лис				
		Результаты 🔝 🎟 🛤	🚥 🔳 🖉 🚏						
Проба		Пациент			Количественные показатели			✓ Гистограмма PLT	÷.
OAK	<u></u>	ИН: 27			Название	Значение	Ед. измерени Рефер		
OAK		Имя:			Лейкоциты (WBC)	7.94	10*9 клеток/л 3.9-9.0	"	
OAK		Фамилия			Лимфоциты (LYM)	2.92	10*9 клеток/л 1.3-3.0		
OAK		Проба	OAK		Лимфоциты (LYM) %	36.7	% 21.0-4(		
OAK		Тип пробы: ИН:	16		Гранулоциты (GRA)	4.53	10*9 клеток/л 2.0-6.0		
OAK			28.04.2012 13:38		Гранулоциты (GRA) %	57.1	% 40.0-7!		
OAK		Дата взятия пробы:			Нейтрофилы (NEU)		10*9 клеток/л 2.0-5.5 % 40.0-7(		e
OAK		Последнее изменение:	: 09.11.2015 12:37		Нейтрофилы (NEU) % Моноциты (MON)	0.49	% 40.0-/1 10*9 клеток/л 0.15-0.		
OAK		Дата валидации:		_	Моноциты (MON) %	6.2	% 3.0-11.	0 5 10 15 20 25 30 35	40 45 50
OAK		Статус:	Hosas		Зозинофилы (EOS)		10*9 клеток/л < 0.5	✓ Гистограмма WBC	
OAK OAK		Время сканирования:			Эозинофилы (EOS) %		% < 5.0	18 54 87	
OAK		Комментарий:			Базофилы (BAS)		10*9 клеток/л < 0.15	18 14 87	
OAK		Интерпретация резуль	tata III		Базофилы (BAS) %	4.91	% < 1.5		
OAK						A 01	10*12 KRETOK _ 4.0-5.5		
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The best choice for small- and medium sized laboratories

Special mode for POC

Smallest reagent consumption

Capillary blood measurement

#### Cost-effective and economic analyzer



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



CBC measurement can be performed by a <10  $\mu$ L sample. This is very useful for pediatric examination where venous blood is difficult to collect.



V-Counter<sup>®</sup> 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) Platelet crit (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.



You may print report, save it 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 $\mu$ l whole blood (with EDTA) (open tube sampling mode)				
Throughput	<ul> <li>— open vial mode — 45 tests / hour</li> <li>— closed vial mode — 60 tests / hour</li> </ul>				
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	<ul> <li>open vial mode — isotonic diluent: 5.5 ml; lyse: 1.0 ml; system solution: 2.0 ml</li> <li>closed vial mode — isotonic diluent: 5.5 ml; lyse: 1.0 ml; system solution: 0.8 ml</li> </ul>				
Vision CBC <sup>®</sup> software	<ul> <li>automatic transfer of results from the hematology analyzer and adding them to a report</li> <li>database management</li> <li>automatic management of statistics data</li> <li>blood analysis reports. Customizable guide to generate reports according to your personal requirements</li> <li>remote access and data exchange with LIS/HIS</li> </ul>				
Minimal PC requirements	Intel Core i3, 4 Gb RAM, Windows 7; monitor: 1920x1080 screen resolution, 23".				
Available reagents	<ul> <li>V-Reagent Dil — Isotonic diluent solution, 10 L.</li> <li>V-Reagent Lyse — Lysing solution, 1 L.</li> <li>V-Reagent Sol — System solution, 5 L</li> <li>V-Reagent Clean — Cleaning solution, 100 ml.</li> <li>V-Reagent Pack (500) — Reagent pack for 500 tests</li> </ul>				
Available hematology blood control	low level, normal level, high level (1 vials of 2.5 ml)				

### Ordering information

V-Counter®		80.6001.01	
Hematology analyzer ir			
— for 22 parameters ir			
•	PC version with Vision CBC®		
We reserve the right to change	e specification without notice.		
	West Medica Produktions- und Handels-GmbH		
VVLV MEDICA	Brown-Boveri-Straße 6, B17-1	Official Distributor	
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	vienna@westmedica.com, www.vcounter.eu		