

# Hemolyzer<sup>®</sup> 3 NG / 5 NG



Innovate your  
hematology lab

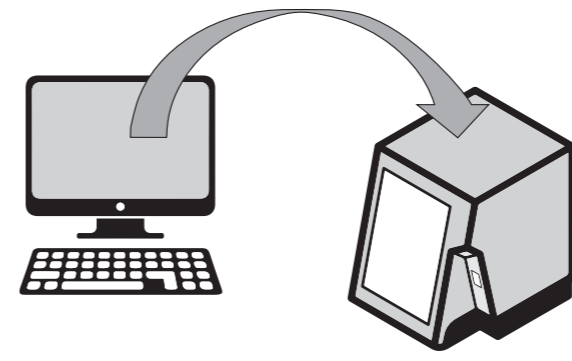


agile - affordable - accurate

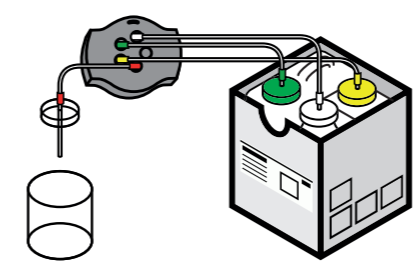
Easy-to-use user interface designed for smart microfluidic analysis



- Gesture-driven user interface via touchscreen
- Time saving and efficient operation
- Microfluidic reagent handling provides minimal reagent volume usage resulting in an optimized and compact reagent concept (reagent packs & cubitainer)



Modern connectivity tools and data management allow state-of-the-art result reporting and instrument analysis



- Option to send results by E-Mail
- Result transfer to LIS via HL7 communication protocol
- Remote access provides online support for efficient troubleshooting and reducing downtime



Low sample volume and small footprint offer numerous applications from emergency room to central lab

- Minimal sample volume due to microfluidic technology allows pediatric sample use and capillary blood handling
- Requires minimum of laboratory work space due to its compact design and small footprint (paper sheet)

The Hemolyzer® NG combines proven reliability and speed with ecological and economical performance

- Correct QC data and reagent information entry by on-board camera
- Significant transport and storage cost savings due to small footprint and compact reagent design
- Minimal user maintenance saves time and guarantees efficient routine operation



## Specifications

	<b>Hemolyzer® 3 NG</b> (Art.-No.: HE3100)	<b>Hemolyzer® 5 NG (closed)</b> (Art.-No.: HE5100)	<b>Hemolyzer® 5 NG (open)</b> (Art.-No.: HE5200)
Type	3-part WBC Diff hematology analyzer	5-part WBC Diff hematology analyzer	
Measurement technology	Volumetric impedance method, photometrical method for HGB, microfluidics	Laser based flow cytometry with forward-scattered light detection and volumetric impedance method, photometrical method for HGB, microfluidics	
Parameters	22 parameters: WBC, LYM, MID, GRA, LYM%, MID%, GRA%, HGB, RBC, HCT, MCV, RDWcv, RDWsd, MCH, MCHC, PLT, MPV, PCT, PDWcv, PDWsd, P-LCR%, P-LCC	27 parameters: WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS% BAS%, RBC, HGB, HCT, MCV, RDWsd/cv, MCH, MCHC, PLT, MPV, PCT, PDWcv, PDWsd, P-LCR%, P-LCC, NLR	
Histogram	WBC, RBC, PLT	RBC, PLT	
Scattergram	–	WBC 5-part-differential	
Sample volume (whole blood)	Aspirated: 13 µl (open vial mode), 38 µl (closed vial mode) Processed: 2.5 µl (both modes)	Aspirated: 38 µl Processed: 2x1.4 µl	
Sampling mode	Closed or open vials	Closed vial mode	Open vial mode
QC management	Levey-Jennings chart / Radar chart		
Throughput	Closed vial mode: 60 tests/hour	60 tests/hour	57 tests/hour
Data storage	40,000 test results including histograms	40,000 test results including histograms and scattergrams	
Display	10.1" LCD touchscreen / Resolution: 800x1280 (portrait)		
Interfaces	LIS (HL7)	LIS (HL7)	LIS (HL7, ASTM)
Connectivity	2 x USB ports, Ethernet, WiFi		
Dimensions	216 x 320 x 280 mm (WxDxH)	216 x 336 x 280 mm (WxDxH)	
Weight	8.7 kg	9.4 kg	8.5 kg
Languages	Bosnian, Bulgarian, Chinese (simplified), English, French, German, Greek, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovenian, Spanish, Turkish, Ukrainian, Vietnamese	Bosnian, English, French, Hungarian, Italian, Portuguese, Romanian, Russian, Spanish, Ukrainian, Vietnamese	
Autosampler	(for Hemolyzer® 5 NG closed), Art.-No.: HE0350; 50 positions		

Reagent	Hemolyzer®	Art.-No.:	Volume or tests
H3-Compact	3 NG	HE3701	100 tests
	3 NG	HE3705	500 tests
H5-Compact	5 NG (closed)	HE5701	100 tests
	5 NG (closed)	HE5704	400 tests
H5-Compact O	5 NG (open)	HE5707	100 tests
	5 NG (open)	HE5709	250 tests



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