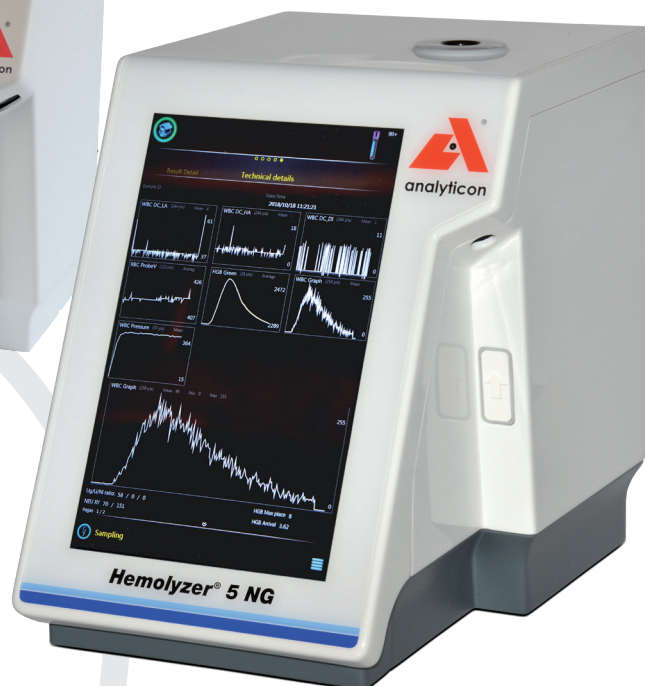


Hemolyzer[®] NG Line



Innovate your
hematology lab



agile - affordable - accurate

Hemolyzer® NG line

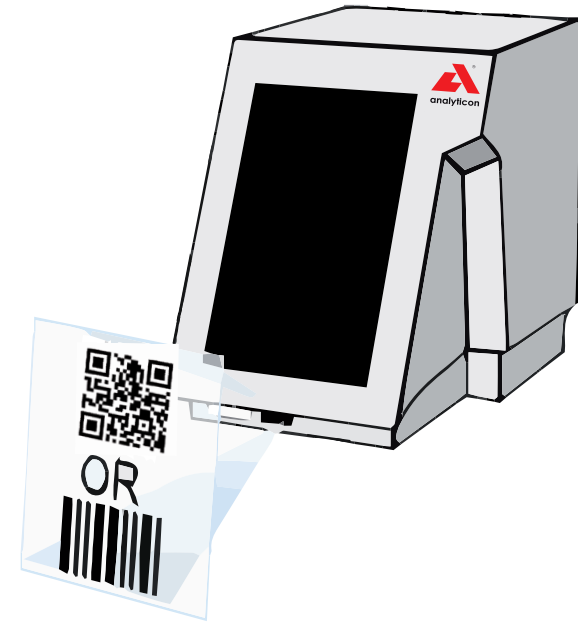
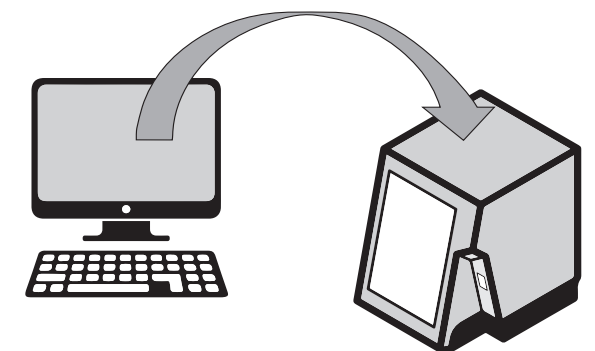
- Gesture-driven user interface via touch-screen
- Time saving and efficient operation
- Minimal sample volume due to microfluidic technology allows capillary blood handling (necessary for pediatric blood samples)

- Significant transport and storage cost savings due to small footprint and compact reagent design
- Minimal user maintenance saves time and guarantees efficient routine operation



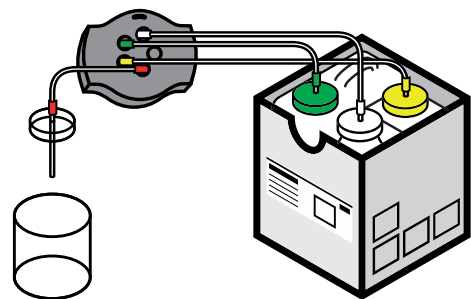
Hemolyzer® 5 NG

- 27 parameters
- Laser-based WBC 5-part differentiation visualized in a scattergram
- QC data and reagent information entry by on-board camera
- Automated sample loading possible with Autosampler for Hemolyzer® 5 NG closed



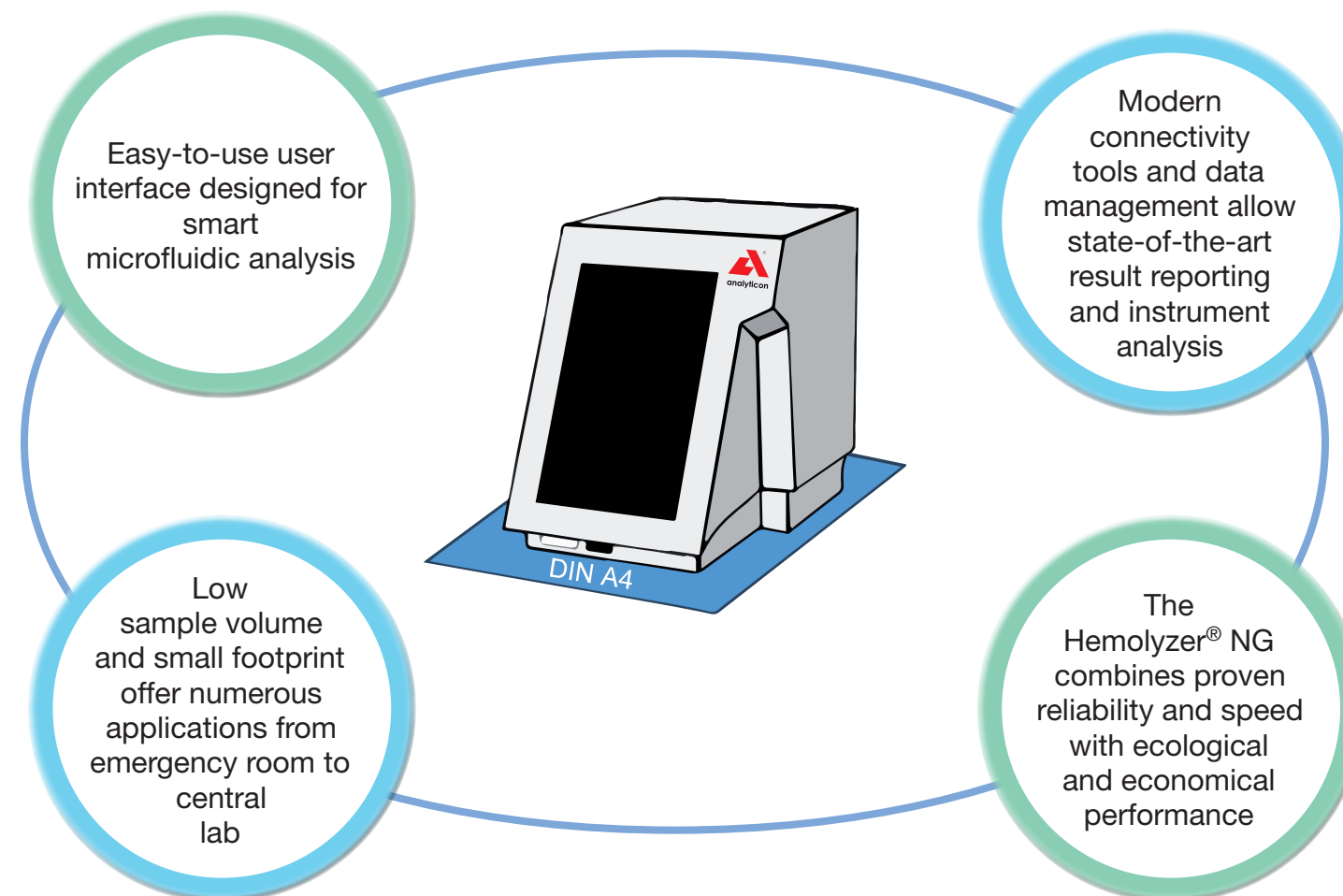
Hemolyzer® 3 NG

- 22 parameters
- QC data, reagent and sample ID information entry by integrated barcode reader
- Operator management ensures the traceability of the user
- Implemented QC lockout function
- Optimized calculation of the available measurements



- Microfluidic reagent handling provides minimal reagent volume usage resulting in an optimized and compact reagent concept
- Requires minimum of laboratory work space due to its compact design and small footprint (paper sheet)

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



Technical Specifications

	Hemolyzer® 3 NG (Art.-No.: HE3100)	Hemolyzer® 5 NG (closed) (Art.-No.: HE5100)	Hemolyzer® 5 NG (open) (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 at 540 nm	Laser based flow cytometry with forward-scattered light detection and volumetric impedance method, photometrical method for HGB at 540nm	
Parameters	22 parameters: WBC, LYM, MID, GRA, LYM%, MID%, GRA%, HGB, RBC, HCT, MCV, RDWcv, RDWsd, MCH, MCHC, PLT, MPV, PCT, PDWcv, PDWsd, PLC-R%, PLC-C	27 parameters: WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS% BAS%, RBC, HGB, HCT, MCV, RDWsd, RDWcv, MCH, MCHC, PLT, MPV, PCT, PDWcv, PDWsd, PLC-R%, PLC-C, 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	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	2 x USB ports, Ethernet, WiFi	
Power	External power supply, 12 VDC, 5A (100-240 VAC 50-60 Hz)	External power supply, 12 VDC, 5A (100-240 VAC 50-60 Hz)	
Power consumption	Maximum 45W	Maximum 60W	
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.:	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

For more information:



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