

# The smallest laser-based 5-diff hematology analyzer with open tube sampling

- Complete Blood Count results in one minute
- Easy-to-use, straightforward navigation
- Extremely small footprint, reagent consumption and sample volume processing
- Point-of-Care testing possibilities:  
ICU, ER, Mobile Care Units
- Possibility to measure from  
capillary samples
- Minimal user maintenance
- Remote Access:  
online diagnostic tool



**Icon-5 OP**

# Technical Specifications

Reference number	NO50H
27 Parameters	WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS%, BAS%, NLR, RBC, HGB, HCT, MCV, RDWsd/cv, MCH, MCHC, PLT, MPV, PCT, PDWsd/cv, PLC-R%, PLC-C
Measurement technology	Laser-based forward-scattered light detection for WBC Volumetric impedance method for RBC Photometric method for HGB
Scattergram, Histograms	WBC 5-part scattergram and RBC, PLT histograms
Sampling mode	Open tube sampling
Aspirated sample volume	38 µl whole blood
Processed sample volume	2 x 1.4 µl whole blood
Throughput	57 tests/hour
Precision (CV%)	WBC < 3%, RBC < 2%, PLT < 5% MCV < 1%, HGB < 2%
Storage capacity	40,000 test results incl. scattergram, histograms and patient data
User interface	LCD, 10.1", 1280 x 800 with capacitive touchscreen, portrait
Connectivity	2 x USB ports, Ethernet, LIS (HL7 and ASTM)
Dimensions	280 x 216 x 336 mm
Weight	8.5 kg
Reagents	Norma-iDil5 OP, Norma-iLyse5 OP, Norma-iClean5 OP
Optional Detergents	Norma-iHClean, Norma-iOptiClean

Icon-5 OP combines a cutting-edge technology and environmentally friendly innovations with a fresh design



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