

The smallest laser-based 5-diff hematology analyzer with closed 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
- Connect to Norma Autoloader
for more sample handling
- Minimal user maintenance
- Remote Access:
online diagnostic tool



Icon-5

Technical Specifications

Reference number	NI50H
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
Diagnostic Flags	Immature Granulocytes, Variant Lymphocytes, PLT Clumps
Scattergram, Histograms	WBC 5-part scattergram and RBC, PLT histograms
Sampling mode	Closed tube sampling
Aspirated sample volume	38 µl whole blood
Processed sample volume	2 x 1.4 µl whole blood
Throughput	60 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 × 800 with capacitive touchscreen, portrait
Connectivity	2 x USB ports, Ethernet, LIS (HL7)
Dimensions	280 x 216 x 336 mm
Weight	9.4 kg
Reagents	Norma-iDil5, Norma-iLyse5, Norma-iClean5
Optional Detergents	Norma-iHClean, Norma-iOptiClean

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



Norma Instruments Zrt.
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Norma Instruments Zrt. reserves the right without notice to make any technical changes it considers necessary or desirable.

Manufacturer Declaration of Conformity

Manufacturer's name: Norma Instruments Zrt.
Place of business: 3530 Miskolc, Arany János u. 11-13. 2.em. 211. Hungary
Products: **Norma Icon-5 OP Automated 5-part Hematology Analyzer, Reagents and Control materials**
Classification: General/Other IVD
REF.- Number: Listed in the attachment below
Place of factory: Norma Instruments Zrt.
1038 Budapest, Papírgyár u. 58-59, Hungary

Instrument was tested according to:

EN 61010-1: 2010; (Third Edition);
IEC 61010-2-101: 2015;
EN 61326-2-6:2013 Standard;
EN 61000-4-3:2006+A1:2008+A2:2010 Standard;
EN 61000-4-6:2014 Standard;
EN 61000-4-4:2012 Standard;
EN 61000-4-5:2014 Standard;
EN 61000-4-11:2004 Standard;
EN 61000-4-2:2009 Standard;
EN 55011:2009+A1:2010 Standard;
EN 55022:2010 Standard;
EN 60825-1: 2007 (Second Edition).

We, **Norma Instruments Zrt.**, do herewith declare under our sole responsibility that the **CE marked** In Vitro Diagnostic Medical Devices listed in the attachment below

are in conformity with the Essential Requirements of **Annex I** and with the requirements listed in **Annex III** by the **Directive 98/79/EC** on *in vitro* diagnostic medical devices (*IVD Directive*)

and are in conformity with the requirements of the harmonized quality management system of EN ISO 13485.

Budapest, 2019/01/30

NORMA INSTRUMENTS Zrt.
3530 Miskolc,
Arany J. utca 11-13 2/211
Adószám: 24742159-2-05



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Gergely Domonkos Horváth
Chief Executive Officer
Norma Instruments Zrt.

Attachment

Product Names	Product Codes	Volume
Icon-5 OP Hematology Analyzer	NO50H	
Norma-iDil5 OP	IC-11775	5 L
Norma-iDil5 OP	IC-11771	10 L
Norma-iLyse5 OP	IC-21771	1 L
Norma-iClean5 OP	IC-51771	1 L
Norma-iClean5 OP	IC-51775	5 L
Norma-iRP51 OP	IC-91771	100 tests
Norma-iRP52 OP	IC-91772	250 tests
NormaCont5+ low 3ml	NIC-0P53L	3 mL
NormaCont5+ normal 3ml	NIC-0P53N	3 mL
NormaCont5+ high 3ml	NIC-0P53H	3 mL
NormaCont5+ KIT KL (6L)	NIC-053KL	6 x 3 ml (6L)
NormaCont5+ KIT KN (6N)	NIC-053KN	6 x 3 ml (6N)
NormaCont5+ KIT KH (6H)	NIC-053KH	6 x 3 ml (6H)
NormaCont5+ KIT K1 (2L,2N,2H)	NIC-053K1	6 x 3 ml (2L,2N,2H)