

HA3 Hematology Analyzer



99848
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TECHNICAL SPECIFICATIONS

Parameters:	22
Histograms:	3
Measurement principle:	Volumetric impedance method, microfluidics
Aspirated sample volume:	9.6 µL whole blood (open mode) 15 µL whole blood (closed mode)
Processed sample volume:	2.4 µL whole blood (both modes)
Speed:	Closed mode: 60 t/h Open mode: 45 t/h
Precision (CV):	WBC<3%, RBC<2%HCT<3%, MCV<2%HGB<2%PLT<5%
Storage capacity:	100.000 results including histograms
Screen:	Touch - Technology: LCD Size: 10 inches Resolution: 1280 x 800
Connectivity:	2 USB ports (for external printer, software update, barcode reader) Ethernet, LIS connection
Dimensions:	263 mm height x 206 mm width x 313 mm length
Net weight:	9.7 kg
Power requirements:	12 Vdc, 5A
Reagent consumption per test:	Diluent: 7 mL System solution: 1 mL Lyse reagent: 1 mL



HA3 Cod. 86003



CE

HA3
HEMATOLOGY SYSTEM
MICROFLUIDIC TECHNOLOGY

BioSystems
REAGENTS & INSTRUMENTS

Ginper Group

BioSystems
REAGENTS & INSTRUMENTS

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BioSystems Hematology Product Line

80% less consumption

Compact, easy of use

Open/Closed tube modes

Biosystems offers laboratories a complete hematology system based on an **HA3** three-diff. analyzer and **specific-reagent** particularly suitable for routine laboratories, medical offices and small hospitals.

The **Biosystems** hematology system establishes a new standard in blood count analysis, providing remarkable laboratory savings in **space, time and operating costs**.

HA3 Hematology Analyzer



The HA3 Hematology Analyzer is based on the volumetric impedance method and incorporates **microfluidic technology** to reduce reagent consumption providing optimal determination of the parameters.

- Compact design
- Two operating modes: open/closed
- 60 t/h closed mode
- Full-color touch screen
- 22 parameters, 3 histograms
- LIS connection; results sent by e-mail
- Remote instrument support
- Consumption management
- Low reagent consumption:
7 mL of diluent per test



**4,9 Liter
=
500 tests**

**Reagent data loaded
by QR code**

Reagents

The reagents have been specifically designed to work with the **microfluidic technology** built into the **HA3** analyzer, offering a range of compact presentations adequate for different work volumes.

The reagent pack includes all items required to perform the test (diluent, lyse reagent and system solution) in a compact format for 100, 300 or 500 tests.

*BioSystems reagents	Code	Presentation
Reagent Pack 100 t	60110	1,6 L
Reagent Pack 300 t	60111	3,5 L
Reagent Pack 500 t	60112	4,9 L

*Other presentations available, ask your distributor

BioSystems controls	Code	Presentation
Control Blood 3 DIFF (level L, N, H)	60109	3x4 mL