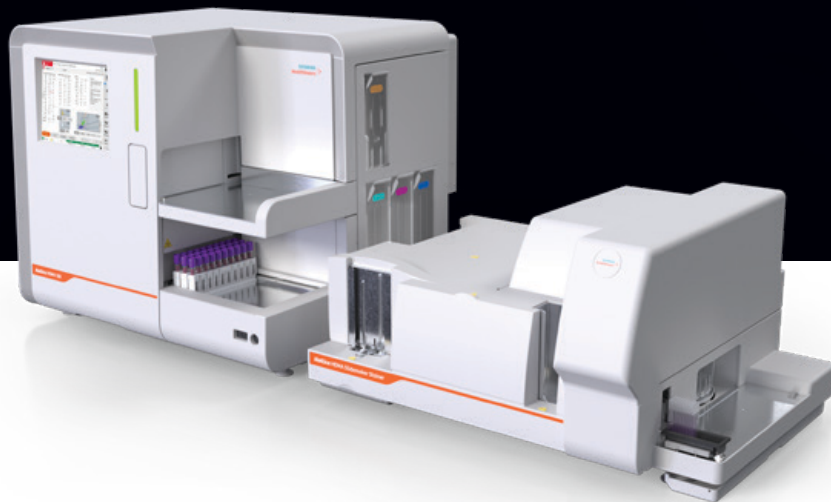


Where advanced workflow meets clinical insight

Atellica HEMA 570 and 580 Analyzers

siemens-healthineers.com/hematology

New high-volume hematology analyzers!



SIEMENS
Healthineers 

Automation, intelligence, and extended parameters—seamlessly integrated to streamline hematology testing

Two high-throughput analyzers engineered to optimize clinical operations

Our new flagship analyzers deliver reliable, high-throughput capacity with no daily maintenance requirements,* making them ideal for high-volume, 24/7 testing workloads. The Atellica® HEMA 570 Analyzer is intended to streamline routine testing, while the Atellica HEMA 580 Analyzer, with an identical footprint, supports more specialized patient populations via an advanced parameter menu. We've made it easy to choose a solution that best fits the needs of your patients and your staff with an integrated offering that includes:



Extended parameters

Pair comprehensive results with consistent interpretations.



Data-driven performance

Drive operational transparency and predictable workflow.



Adaptive and

scalable solutions

Increase quality and efficiency—together.



"Being a fast instrument that minimizes maintenance, the Atellica HEMA Analyzer allows us to dedicate less time to the device itself and more time to the patient."

Marta Bello Rego
Clinical Analysis Resident
Hospital Universitario de Vigo, Vigo, Spain

	Throughput (tests/hour)	Parameters	Reagents	Control Sets	Shared
Atellica HEMA 570 Analyzer	CBC/DIFF/NRBC: 120 Low-value cycle (LVC): 60	Up to 43 (8-part DIFF) NRBC, WBC immature populations, [†] body fluid capabilities, low-value cycle (LVC)	5	2	 Footprint
Atellica HEMA 580 Analyzer	CBC/DIFF/NRBC: 120 Low-value cycle (LVC): 60 Reticulocytes: 60	Up to 55 (8-part DIFF) NRBC, WBC immature populations, [†] body fluid capabilities, reticulocytes, platelets using optical extinction , low-value cycle (LVC)	6	3	 Reagents  User interface



1

Practical design minimizes time-consuming operator involvement.

- Fast throughput of up to 120 tests/hour (CBC/DIFF).
- Automated, walkaway rack processing (12 x 10-tube racks) with additional STAT loading option.
- No daily user maintenance.*
- Simple load-and-go system for quick replacement of onboard reagents.



2

Innovative technologies deliver actionable insights with less effort and errors.

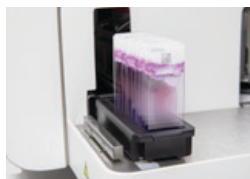
- Enhanced flow cytometry and impedance methodologies, plus optical extinction, reduce interference risk and repeat testing.
- Requires only 110 microliters of sample for analysis; automated 360-degree mixing provides greater sample homogeneity.
- Broad parameter menu includes immature WBC and RBC populations and body fluids for more complete testing in a single platform.^{††}
- Automated, rules-based decision making standardizes result interpretations with advanced flagging and autovalidation.



3

Streamlined IT capabilities enable efficient operations.

- Intuitive touchscreen enables quick access to all functions.
- Multi-analyzer result and quality control (QC) management are centralized in a single touchpoint.
- Comprehensive QC package includes Levey-Jennings graphs, Westgard rules, and patient moving averages for easy identification of exceptions.
- Smart Remote Services (SRS) connectivity aims to reduce downtime via predictive and proactive maintenance.[§]



4

Automated slidemaking and staining are suitable for diverse needs.

- Rapid, 120-slide/hour throughput with continuous loading capability.
- User-defined/adjustable smearing profiles use 75 microliters of sample.
- Three slide staining protocols: Wright-Giemsa, Modified Wright, May-Grünwald Giemsa.
- 2D barcode (digital morphology-compatible) or three-line printing for identification.

Comprehensive hematology result management powered by Atellica Data Manager

Built with the insight gained from 2000+ customers in 68+ countries¹—and tailored for hematology testing—our scalable, next-generation software includes powerful features and easy navigation to standardize testing, enhance quality control (QC), and streamline result management.



Design goal: flexible automation options**

Siemens Healthineers has over two decades of experience in lab automation. While we intend to integrate the Atellica HEMA Analyzers with our total lab automation offering, we also plan to bring to market a dedicated hematology automation solution. Our aim is to connect up to six analyzers, enabling intelligent workload balancing and automated reflex testing for hands-off operations.



For more information on how the Atellica HEMA 570 and 580 Analyzers make it easy for you to bring advanced workflow and clinical insight together, please speak with a Siemens Healthineers hematology expert.

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

References:

1. Customer list as of July 2020 on file.

**For daily analyzer workloads that are less than 1000 cycles.*

†Immature WBC parameters are for research use only (RUO).

‡Immature RBC parameters are available on the Atellica HEMA 580 Analyzer only.

§Under development. Not available for sale. Future availability cannot be guaranteed.

***Automation connectivity for the Atellica HEMA Analyzers is under development. Not available for sale. Future availability cannot be guaranteed.*

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