

SIEMENS

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Practical automation in slide staining for laboratories of all sizes
Hematek 3000 System

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Proven technology for more than 50 years

The Hematek® 3000 System builds on a heritage of slide staining spanning more than half a century. Our expertise in the development of slide stainers dates to 1956, when the first Hematek System was introduced to laboratories. Our longstanding commitment to and expertise in slide staining is exemplified in the newest edition to the Hematek family, the Hematek 3000 System.



Precise technology for precise slide staining

The Hematek 3000 System provides semiautomated slide staining for laboratories that need a robust system capable of staining up to 60 slides per hour. The system helps maximize productivity and deliver quality results through user-defined features and precision controls.

- Continuous-feed loading platform eliminates wasted time associated with batch staining methods
- Pumps deliver a fresh, precise volume of reagent for every slide, while the platen provides uniform stain from field to field and slide to slide with accurate mixing and uniform stain and buffer delivery
- Individual, consistent slide staining optimizes staining quality and enables user-adaptable intensity for standardized slide staining
- Slides are immediately available for viewing upon completion of staining, and the rinse reagent contains the optimal alcohol concentration for proper slide drying

Practical technology leads to practical advancements

The Hematek 3000 System is built on the proven technology of its predecessors, while new features further support easy and environmentally friendly features.

- All-in-one stain pack includes enough stain for up to 900 slides and offers easy load-and-go operation for optimized daily workflow with minimal hands-on time
- Simple pump release mechanism streamlines maintenance
- System warnings alert users of low stain-level and full waste bin to help ensure uninterrupted, quality results
- Minimal system maintenance helps maximize uptime in your lab
- Compact, RoHS-compliant system guarantees incorporation of environmentally friendly, sustainable substances and supports “green” initiatives

Scalable slide staining and review options for laboratories of all sizes

The Siemens family of hematology slide staining and review systems offer a systematic, end-to-end approach specifically designed to adapt to your changing needs. Our scalable technology enable labs of all sizes to benefit from practical automation solutions. From labs performing manual staining to those demanding fully automated slide creation, staining, and analysis, we have a solution to meet your needs. Our broad portfolio is adaptable to support even the largest lab with track-based automation and multidisciplinary connectivity to integrated and dedicated chemistry, immunoassay, hemostasis, and hematology testing systems.

Diff-Quik® Stain Kit Hemaprep® Automated Blood Smearing System*	Hematek 3000 System Hemaprep Automated Blood Smearing System	Hematek 3000 System ADVIA® 120 System CellaVision® DM1200 System*	ADVIA Autoslide ADVIA 2120i System CellaVision DM96 System	ADVIA Autoslide ADVIA 2120i System CellaVision DM96 System Aptio™ Automation
<ul style="list-style-type: none"> • Organized and rapid creation of 1–45 slides/day • Consistent, fast, and simple slide creation 	<ul style="list-style-type: none"> • Standardized semi-automated slide staining • Hands-free staining of up to 60 slides/hour 	<ul style="list-style-type: none"> • Standardized semi-automated slide staining • Automated processing of up to 120 CBC/diff samples/hour; 150-sample capacity • Automated preclassification and review of up to 20 slides/hour for complete peripheral differential 	<ul style="list-style-type: none"> • Standardized and reflexive fully-automated slide staining • Automated processing of up to 120 CBC/diff samples/hour; 150-sample capacity • Automated preclassification and review of up to 35 slides/hour for complete peripheral differential 	<ul style="list-style-type: none"> • Standardized and reflexive fully-automated slide staining • Automated processing of up to 120 CBC/diff samples/hour; 150-sample capacity • Automated preclassification and review of up to 35 slides/hour for complete peripheral differential • Integrated high-volume testing through track-based connectivity to Siemens chemistry, immunoassay, and hemostasis testing systems

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A robust slide staining solution

For more information on the Hematek 3000 System, or to learn how Siemens offers solutions to enhance workflow in laboratories of all sizes, please contact your local sales representative or visit www.siemens.com/hematology

Hematek 3000 System—Technical Specifications	
Processing system	Platen
Power requirements	110–230 Volts
Dryer	Yes
Temperature (refrigerated chamber)	Room temperature
Cleaning agent	Methanol
Waste disposal	Self-contained waste drawer
Weight, kg (lb)	20 (44)
Dimensions (H X W X D), CM (IN.)	22 x 54 x 46 (8.7 x 21.3 x 18.1)
Slide collection drawer	Included
Manufacturer's reagents	Hematek Modified Wright's Stain, Hematek Wright-Giemsa Stain
Stained slide dryer	Included
Carrier, continuous load	Spiral gear
Slides/hr	~60 (dependent on user-defined pump adjustments)
Cellular applications	Peripheral blood and bone marrow smears
Other attributes	Meets requirements of TUV and UL