Siemens Healthcare Diagnostics, the leading clinical diagnostics company, is committed to providing clinicians with the vital information they need for the accurate diagnosis, treatment and monitoring of patients. Our comprehensive portfolio of performance-driven systems, unmatched menu offerings and IT solutions, in conjunction with highly responsive service, is designed to streamline workflows, enhance operational efficiency and support improved patient care.

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Siemens Healthcare Diagnostics Inc.
1717 Deerfield Road
Deerfield, IL 60015-6778
USA

Siemens Healthcare Diagnostics Limited
Sir William Siemens Square
Frimley, Camberley
Surrey, GU16 8GD
Telephone: 01276 596000

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ADVIA® 2120 & ADVIA® Autoslide
The smart choice for Gold Standard Haematology

Answers for life.
PRODUCTIVE, GOLD STANDARD HAEMATOLOGY WITH REAL-WORLD CONVENIENCE.

The ADVIA® 2120 Haematology System combines real-world convenience with high throughput random access productivity, automating your full blood counts, differentials and reticulocyte monitoring as well as cerebro-spinal fluid (CSF) analysis.

Siemens Healthcare Diagnostics’ proven red and white cell technology encompasses a unique range of patented clinical parameters, designed to enhance patient care through optimal disease management. Use of this technology also minimises film review rates by delivering results that are right first time every time.

The ADVIA® 2120 integrates seamlessly with the ADVIA CentraLink® data management network system, maximising process efficiency.

ADVIA®AUTOSLIDE

A FULLY INTEGRATED CONNECTION

Siemens Healthcare Diagnostics’ integrated ADVIA® Autoslide provides a fully automated solution for safe and convenient reflex slide-making, featuring:

SMART Sample - reflexing on ranges, flags and demographics on a 75µL sample.
SMART Smear - adjusts for Hct and WBC with zero carryover.
SMART Stain - customised protocols for Wrights, Wrights Giemsa or May Grunwald Giemsa.

The ADVIA® Autoslide is also available as a retrofit for the ADVIA® 2120.

FLEXIBLE ACCESS

• All slides, no slides, ‘SMART’, reflexive slide
• Slide only, manual insertion of pre-smeared slide

NO TRACK REQUIRED

• Small footprint
Meet the most exacting clinical demands

- Benefit from technology which sets the definitive standard for the white cell differential. Reject rates of less than 1% ensure a fast turnaround of results in clinic situations.
- Detect abnormalities early and differentiate leukaemias with cytochemical staining and nuclear complexity.
- Maximise the effectiveness of costly platelet transfusions with accurate results first time, every time - even at very low platelet levels.
- Achieve sensitive detection of red cell abnormalities without recourse to expensive and time-consuming manual tests.
- Contribute to the accurate and rapid diagnosis of hereditary spherocytosis and thalassaemia.
- Provide ‘Hypo™’ (hypochromic red cells) and CHr™ (reticulocyte haemoglobin content) measurements for use in the detection and treatment of iron deficiency - particularly in renal anaemia management as recommended in the European Guidelines.
- Enumerate nucleated red blood cells with the NRBC capability on every sample at no extra cost.
- Safeguard both staff and the environment with a cyanide-free colorimetric haemoglobin method, supplied as standard.
- Reduce manual workload with automated CSF analysis (FDA-approved).
- Acquire comprehensive multi-species capability for Veterinary and Toxicological applications.
- Comply with accreditation requirements and manual handling guidelines with the compact on-board reagent packs containing sufficient for 1850 cycles. Bar codes are scanned to provide a full audit trail and inventory log.
- Report results with total confidence, knowing that internal QC checks have been performed on every sample using two different methodologies.

The ADVIA® 2120 combines high productivity with a unique portfolio of diagnostic assays, improving the service to clinicians and patients alike.

Real-World Convenience

The ADVIA® 2120 is designed to reduce manual test procedures and costly repeats, minimising sample size and workspace requirements whilst maximising laboratory resources. Its bench-top design (without noisy external compressor) is ideal for the busy laboratory where space is at a premium and reagent storage space is minimal. Low heat output of <2500 BTU contributes to a more pleasant laboratory environment and the three sampling modes provide safety and flexibility.

The patented UniFluidics™ technology at the heart of the system, reduces maintenance by eliminating traditional pinch valves and tubing. This delivers the dual benefits of enhanced reliability and continuity of service, ensuring that your laboratory will be productive round the clock.
Effortless Efficiency

- Fast one-button start-up is simple to use by staff at all levels.
- Fixed throughput of CBC/DHF at 120 samples per hour, even on cytopaenic samples, provides fast results reporting - enhancing service to clinicians.
- Unique choice of manual open and manual closed sampling modes accommodates small, urgent or high-risk samples and other body fluids.
- Rack-based autosampler with capacity for 150 tubes provides 75 minutes of true ‘walkaway’ time, freeing staff to apply their skills in other areas.
- Manual bar-code reader makes it easy to input data for STAF samples, QC material and reagents whilst ensuring accuracy of data.
- Accurate results on all samples, whether immediately post-collection or up to 72 hours old, reduces the need for re-testing.
- Extensive linearity range, sensitive and specific result flagging, cross-checking WBC technologies and dual haemoglobin readings all combine to minimise film review rates and repeats.
- Proven technology, reference methods and on-board delta checks reduce manual slide reviews.

Positive Resourcefulness

- Intuitive graphical user interface is fully customisable, reflecting the way that you prefer to work.
- Multi-tasking software facilitates comprehensive information management from patient demographics and results right through to QC, with minimal training requirements.
- Random access analysis enables you to select only the tests that a clinician has ordered.
- Unique parameters provide potential for cost savings by optimising the use of erythropoietin and intravenous iron for renal patients.
- Accurate platelet counts help to optimise transfusion management, with potential for reduced cost and wastage.
- Wide range of parameters reduces expenditure on costly additional tests such as ferritin, B12s and folates, transferrin receptor assays and haemoglobinopathy screens.
- Right first time results save unnecessary reagent usage, reduce film review rates and minimise the need for time-consuming repeats.
- On-board diagnostics and remote monitoring capabilities ensure quick troubleshooting for minimal downtime, complemented by Siemens’ comprehensive 24/7 technical support.

Practical innovation

The right balance of technology and good science is required to keep pace with the constant change and high pressure of the laboratory environment. Siemens HealthCare Diagnostics delivers the optimum combination for maximum productivity and cost-effectiveness, while supporting the ultimate goal of improving patient care. Better performance for better health.

Leading reliability and practical technologies in Haematology testing

That’s innovation in the real world, only from Siemens. For more information on the ADVIA® 2120 Haematology System, please call your local Siemens representative, visit us at www.Siemens.com/diagnostics or go directly to our laboratory testing resource at www.labnews.com. Details of the methodology can be found in the ADVIA® 2120 Analytical Technology booklet.