

UniCel DxH Slidemaker Stainer Coulter Cellular Analysis System

INCREASING WORKFLOW EFFICIENCY



INTRODUCTION ➤

The UniCel DxH Slidemaker Stainer (SMS) Coulter Cellular Analysis System is helping move your hematology lab forward with an efficient workflow solution for slide making and slide staining.

The DxH SMS prepares slides automatically based on slide orders received from your LIS, using selectable criteria for blood film preparation and flexible, user-defined staining protocols. The system delivers first pass, high quality slides that help speed up the decision-making process and aids with cell classification and diagnosis. The DxH SMS lowers costs, increases productivity and quality, optimizing your lab's hematology workflow and allowing your staff to spend time reviewing patient samples that need their expertise.

WORKFLOW EFFICIENCY ➤

- › Easily make and stain smears from:
 - Capped whole blood sample tubes (via automatic cassette or single-tube mode)
 - Open-top tubes (single-tube mode)
 - Pediatric whole blood sample tubes (via automatic cassette or single-tube mode)
- › Process slides with options including smear only, smear and stain or stain manually-made slides
- › Makes up to 4 slides from a single 90 µL sample aspiration, with the ability to make up to a total of 12 slides from a single sample presentation
- › Reliable specimen transport technology allows for easy integration into DxH workcells
- › System Status screen provides a quick, at-a-glance overview of the operating status, information about stains, supplies and samples or consumables
- › **User-defined decision rules drive automatic slide preparation and staining, without the need for manual intervention when connected to a DxH Workcell solution**
- › Extended onboard user-defined decision rules for auto release-reflex testing, with or without connection to a DxH Workcell

INTUITIVE SOFTWARE FOR EFFICIENT RESULTS ➤

- › Allows you to plan for urgent slide reviews by tracking workload and identifying slide locations in real time
- › Virtually eliminates any type of sample bar code label misreads using 2D barcode scanning technology
- › Easy sample tracking and reduced misidentification with customized information printed directly onto slides

EXCELLENT SMEAR QUALITY EVERY TIME ➤

- › Provides a more reliable and consistent smear regardless of the blood consistency by capturing the relevant measure of blood adherence to aspiration tubing, using proprietary HemaspHERE technology
- › Accommodates your laboratory's preferences in smear length or shape with a customized motion profile
- › Based on user-selectable criteria, a high quality wedge smear is automatically made
- › Virtually eliminates any type of slide-to-slide or sample-to-sample carryover with the Sample Aspiration Module and sample delivery system

1.4.6. 5. Įranga užprogramuota taip, kad tepinėliai būtų ruošiami, priklausomai nuo kraujo tyrimo rezultato arba pasirinktinai;

UniCel DxH Slidemaker Stainer Coulter Cellular Analysis System Specifications >

SLIDEMAKING AND STAINING OPTIONS

Smear Only, Smear and Stain, or Stain Only

THROUGHPUT

Prepares up to 140 slides per hour

ASPIRATION VOLUMES

Open/Closed/Microtainer Vial: 90 µL (up to 4 slides)

SAMPLE LOADING CAPACITY

Continuous loading of up to 100 tubes in 20 x 5 tube cassettes

SLIDE STAINING CAPACITY

180 slides in 9 x 20 slide baskets at full capacity

TECHNOLOGY

Proprietary **Hemasphere** technology for optimal slide quality
(No need for CBC parameters to make smears)

SAMPLE IDENTIFICATION

Applied directly to the slide using thermal transfer technology

POWER REQUIREMENTS

Stand-alone system (with computer): 576 W
Input: 100-240 VAC and 48-62 Hz

WEIGHT AND DIMENSIONS	DEPTH	WIDTH	HEIGHT	WEIGHT
Specimen Processing Module	78.74 cm (31.0 in)	91.44 cm (36.0 in)	182.88 cm (72.0 in)	* 353.8 kg (780 lb)

Additional clearance behind instrument for sufficient cooling: 3.8 cm (1.5 in)

*Note: Weight is estimated on floor stand loaded with full reagents

REMOTE MONITORING

Downtime is minimized with **PROService** remote management system which performs diagnostics and real-time troubleshooting on the system remotely.



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