

UniCel DxH Slidemaker Stainer Coulter Cellular Analysis System

REDEFINING WORKFLOW



INTRODUCTION ➤

The UniCel DxH Slidemaker Stainer (SMS) Coulter Cellular Analysis System is redefining workflow. The DxH SMS prepares slides automatically based on slide orders received from your laboratory's LIS, delivering first pass, high quality slides that maximize reliability. The DxH SMS lowers costs, increases productivity and quality, optimizing your lab's hematology workflow and allowing your staff to spend their time where it's needed the most, reviewing the patient samples that need their expertise.

DESIGNED FOR RELIABILITY ➤

- › Easy to maintain. No pinch valves, 80% less tubing than legacy systems require minimal operator intervention.
- › Same reliable specimen transport and sample aspiration technologies designed into the DxH 800/DxH 600.
- › Snapshot Screen provides a quick overview of the operating status, information about stains, supplies, samples or consumables at a glance.

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)
- › Options include: smear only, smear and stain or stain manually-made slides
- › Small sample volume of 90 µL makes up to 4 slides; up to 12 slides from a single presentation.
- › Load up to 180 slides.

INTUITIVE SOFTWARE FOR EFFICIENT RESULTS ➤

- › Intelligent Basket Management Software tracks workload and identifies slide locations in real time, allowing you to plan for urgent slide reviews.
- › 2D barcode scanning technology virtually eliminates any type of sample bar code label misreads.
- › Thermal printing technology prints bar codes and other information directly onto slides, which allows easy sample tracking and reduces misidentification.

EXCELLENT SMEAR QUALITY EVERY TIME ➤

- Proprietary **Hemasphere** technology to capture the relevant measure of blood adherence to aspiration tubing, thus providing a more reliable and consistent smear regardless of the blood consistency.
- › Customized Motion Profile accommodates your laboratory's preferences in smear length or shape.
 - › Based on user-selectable criteria, the edge of a new slide is used to make the smear.
 - › The Sample Aspiration Module and sample delivery system virtually eliminate any type of slide-to-slide or sample-to-sample carryover.

1.4.6. 1. Yra brūkšinių kodų spausdintuvas, tepinėliai yra pažymimi brūkšniniais kodais, kuriuos nuskaito tepinėlių mikroskopijos įranga.

1.4.2. Mėginiai - kraujo tepinėliai

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 1.4.1. Tepinėlių ruošimas ir dažymas – ne mažiau kaip 60 tepinėlių per valandą.

ASPIRATION VOLUMES

Open/Closed/Pediatric Vial: 90 µL (up to 4 slides) 1.4.5. Įsiurbiamas mėginio kiekis, reikalingas tepinėliui atlikti iš standartinio tūrio mėgintuvėlio ir mikromėgintuvėlio, yra 90 µL.

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 SFF 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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