

Automated Hematology Slide Preparation Unit

SP-50™



Product Overview

The SP-50 is a slidemaker/stainer with intelli-wedge smear preparation and optional concentrated buffer solution that features fully customizable stain timing protocols in a compact footprint, right-sized for any laboratory. Selecting Sysmex ColorWright Wright or Wright Giemsa stain and either pH6.8 or pH7.2 phosphate buffer provide further customization to meet the needs of laboratorians and pathologists alike. As a standalone module or integrated with XN-Series™ Automated Hematology Systems, the SP-50's adoption of the XN-Series' silent design for both sample processing and onboard analyzer software allow for a streamlined and intuitive user experience.

Featured Technology

Intelli-wedge method: blood volume, spreader angle and speed are automatically adjusted based upon individual patient hematocrit

Available Configurations

Standalone benchtop or wagon
 Integration with XN-3100™ and XN-9100™ Automated Hematology Systems
 Integration with DI-60™ Automated Digital Cell Morphology System

Available Reagents

ColorWright Wright Stain
 ColorWright Wright-Giemsa Stain
 ColorWright Buffer Solution pH6.8 and pH7.2
 Sysmex Concentrated Buffer Solution pH6.8 and pH7.2
 Sysmex CELLPACK™ DCL

Throughput

Up to 75 smears/hour

Aspiration Volume

70uL
 Micro collection sample tube: 38uL

Quality Control**Daily:**

- Shutdown

Weekly:

- Shutdown
- Stain Bath Cleaning with Methanol

Dimensions and Weight

XN-3100: 78.6 (W) X 42.5 (D) X 36.3 (H); 708 LBS.



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