



HST-N™ Hematology System Transport

Automation Solutions for Hematology



HST-N Common Configurations*



HST-201N

Systems

1 XE-Series Analyzer
1 SP-1000i

Throughput:

1 XE-Series Analyzer
1 SP-1000i

Up to 150 samples
Up to 120 slides/ hour
~12'5" X 43"

Footprint: w x d [in]



HST-302N

Systems

2 XE-Series Analyzers
1 SP-1000i

Throughput:

2 XE-Series Analyzers
1 SP-1000i

Up to 300 samples
Up to 120 slides/ hour
~17'1" X 43"

Footprint: w x d [in]



HST-402N

Systems

2 XE-Series Analyzers
2 SP-1000i

Throughput:

2 XE-Series Analyzers
2 SP-1000i

Up to 300 samples
Up to 240 slides/ hour
~22' X 43"

Footprint: w x d [in]

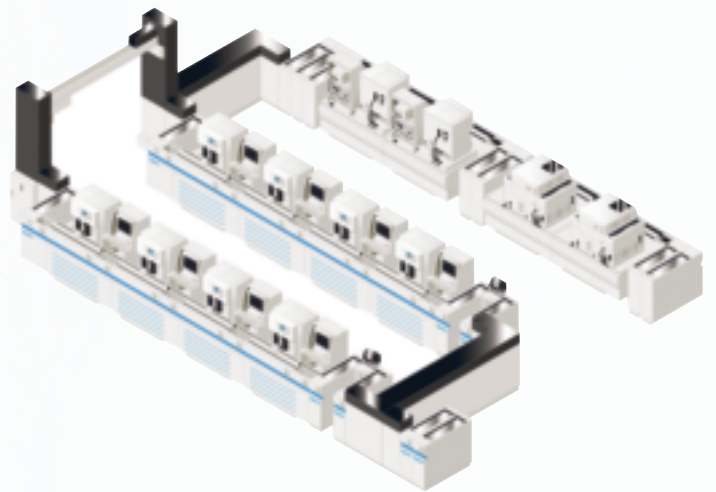
**Consult your Sysmex Laboratory Solutions Consultant (LSC) for identifying the specific configuration that meets your laboratory needs.*

Sysmex HST-N: Scalable Automation Solutions



A flexible, scalable, reliable automation platform that helps laboratories work “smarter” by improving and meeting their overall clinical, operation and financial goals.

The combination of the Sysmex XE-Series hematology systems, SP-1000*i* slidemaker/stainer, and reliable automation platform allows laboratories to improve productivity while delivering quality clinical data – rapidly and consistently.



SP-1000*i*
Slidemaker/stainer with superior smear quality and continuous flow operations

Productivity, Quality Testing, Rapid Information

Driving Clinical Efficiency

- Improve clinical performance with the power of advanced XE-Series technology
 - Power of fluorescent flow cytometry and hydrodynamic focusing
 - Sensitivity needed for measuring and differentiating cell types in whole blood and body fluid samples
- Improved and Consistent Turnaround Time
- Better Patient Care
 - Low blood volume requirement
 - Rapid, reliable information for faster treatment decisions

Operational Benefits

- Reliable Automation Platform
 - Best up-time in the industry
 - Continuous remote monitoring via Sysmex Network Communication System (SNCS™)
- Improved Workflow Efficiency
 - Consolidated workstation
 - More efficient use of FTEs
 - Reduced sample handling

Financial Benefits

- Improved patient flow
 - The most comprehensive CBC information from a single lavender top tube.
 - Rapid treatment decisions, that can impact length of stay
 - Improve efficiency to Service lines with rapid, accurate results.
- Improved Labor Model
 - Hands-free sample management
 - Reduced repetitive manual tasks that can lead to errors
 - Reduce “tube touch points”
- Reduce non-value-add activities such as sample sorting and paper handling



XE-Series

Hematology analyzers with advanced clinical parameters

XE-Series

Hematology analyzers with advanced clinical parameters

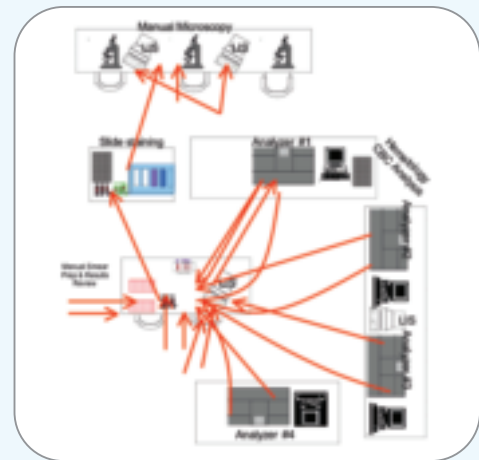
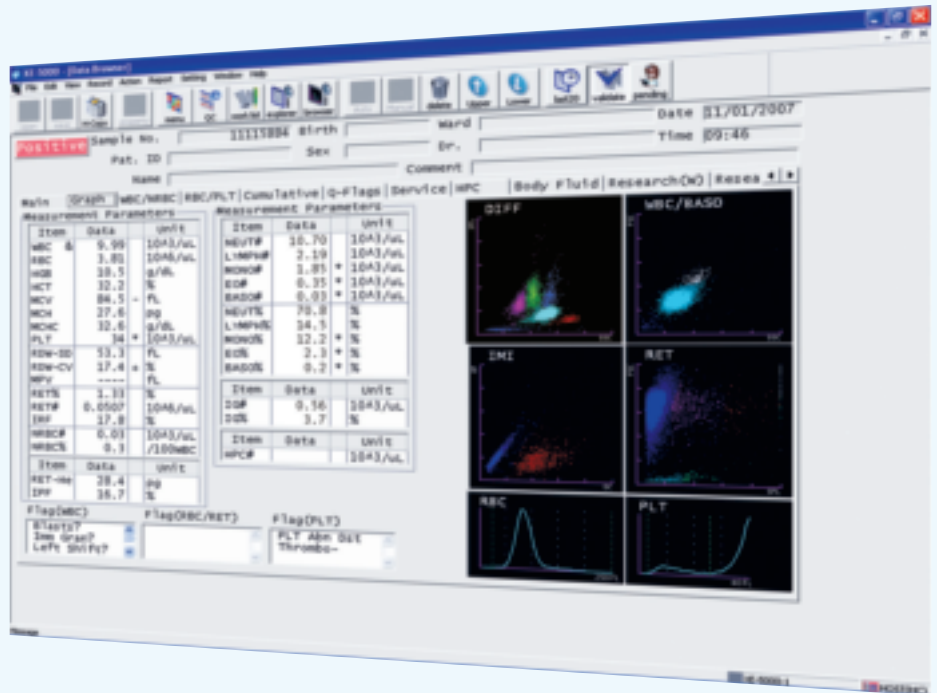
XE-Series

Hematology analyzers with advanced clinical parameters

Process Improvement

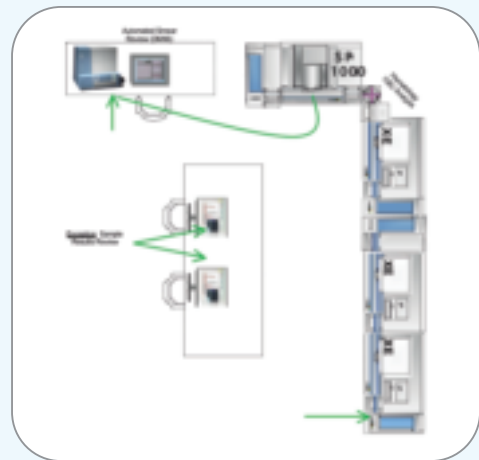
HST-N: Leading the Way with its Expanded 6-Part Differential

- Standard 6-part diff with reportable Immature Granulocytes (IG) count
- Immature Platelet Fraction
- Reticulocyte Hemoglobin
- Hematopoietic Progenitor Cell Counts
- Fluorescent NRBC Count



Before

Laboratory Process Flow
Pre-Lavender Top Management:
16 Process Analysis Steps



After

Lavender Top Management
Optimized Laboratory:
5 Process Analysis Steps

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