Automated Hematology Analyzer

XR-3000™

The XR-3000 combines a double-unit hematology analyzer with the SP-50™ Automated Hematology Slide Preparation Unit. The three modules integrate seamlessly to form a fully unified workstation, delivering exceptional CBC analysis with automated repeat and reflex testing, and preparing and staining peripheral blood smears when needed. The XR-3000 also includes BeyondCare℠ Quality Monitor (BCQM), Sysmex's innovative quality software, and is supported by our award-winning service teams, providing the reliable operation and confidence in results that make Sysmex a global leader and preferred partner of hematology labs.

Principles and Technology	CBC/DIFF/RET/PLT-F/BF/WPC[1]: Fluorescence flow cytometry RBC/PLT: Hydrodynamically focused impedance HGB: Cyanide-free SLS hemoglobin
Analysis Channels	WNR, WDF, RBC/PLT, RET, PLT-F, WPC[1]
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, MPV, NRBC#, NRBC%, NEUT#, NEUT%, LYMPH#, LYMPH%, MONO#, MONO%, EO#, EO%, BASO#, BASO%, IG#, IG% Reticulocyte: RET#, RET%, IRF, RET-H*e* PLT-F: PLT-F, IPF#, IPF% Body Fluid: WBC-BF, RBC-BF, MN#, MN%, PMN#, PMN%, TC-BF
Throughput	Whole Blood:Up to 220 samples/hour (110 samples/hour per module) Body Fluid: Up to 40 samples/hour per module SP-50: Up to 75 slides/hour

[1] *XR-20 model only*

Together for a better
healthcare journey

Aspiration Volume	WB mode: 88 µL PD mode: 70 µL LWBC mode: 88 µL BF mode: 88 µL SP-50: 70 µL
Reportable Range	WBC: 0.03 - 440.00 x 10^3/µL RBC: 0.01 - 8.60 x 10^6/µL PLT: 2 - 5,000 x 10^3/µL WBC-BF: 0.003 - 10.000 x 10^3/µL RBC-BF: 0.002 - 5.000 x 10^6/µL
Quality Control	• XN CHECK™: complete tri-level QC product for all CBC, Diff, PLT, and RET parameters • XN CHECK™ BF: bi-level QC product for Body Fluid channel • Comprehensive QC files including current and new lot feature • 99 Total files including 5 X-barM files • ***Insight***™ web-based Interlaboratory Quality Assessment Program (IQAP) • BeyondCare^{SM} Quality Monitor (BCQM) simplified and consolidated platform for quality control monitoring
Dimensions and Weight	78.7" X 42.6" X 36.3" (W X D X H) 705 lbs.

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CF-09422, Rev. 1, 6/2026