Automated Hematology Analyzer

XR-1000™

The XR-1000 is a customizable, single-unit hematology analyzer. With options for licenses that include reticulocyte, fluorescent platelet and body fluid testing, and a sampler to automate repeat and reflex testing, the XR-1000 enables flexible and simple operation. BeyondCare℠ Quality Monitor (BCQM), Sysmex's innovative quality software, and award-winning service and support teams provide 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[1]/PLT-F[1]/BF[1]/WPC[2]: Fluorescence flow cytometry RBC/PLT: Hydrodynamically focused impedance HGB: Cyanide-free SLS hemoglobin
Analysis Channels	WNR, WDF, RBC/PLT, RET[1], PLT-F[1], WPC[2]
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[1]: RET#, RET%, IRF, RET-H*e* PLT-F[1]: PLT-F, IPF#, IPF% Body Fluid[1]: WBC-BF, RBC-BF, MN#, MN%, PMN#, PMN%, TC-BF
Throughput	Whole Blood: Up to 110 samples/hour Body Fluid: Up to 40 samples/hour
Aspiration Volume	WB mode: 88 µL PD mode: 70 µL LWBC mode: 88 µL BF mode[1]: 88 µL

[1] *Available with select licenses*

[2] *XR-20 model only*

Together for a better
healthcare journey

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-BF1: 0.003 - 10.000 x 10^3/µL RBC-BF1: 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℠ Quality Monitor (BCQM) simplified and consolidated platform for quality control monitoring
Dimensions and Weight	With bi-directional sampler: 25.4” X 29.7” X 33.7” (W X D X H) With uni-directional sampler: 20.5” X 26.6” X 33.0” (W X D X H) 172 lbs.

Configurations

	XR-1000 R	XR-1000 BR	XR-1000 PR	XR-1000 BPR	XR-1000-010
Components					
XR-10 or XR-20	XR-10	XR-10	XR-10	XR-10	XR-20
Automated reflex/rerun	0	0	0	Included	Included
Reticulocyte License (R)	Included	Included	Included	Included	Included
Body Fluid License (B)	0	Included	0	Included	Included
Fluorescent Platelet (P)	0	0	Included	Included	Included
WPC Channel	0	0	0	0	Included
Floor-standing wagon option	←			Available	→

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