

Automated Hematology Analyzer

XN-550™



Brief Product Description XN-Series technology in a smaller footprint for the lower volume laboratory. Open and closed tube sampling with an automated sample loader.

Principles and Technology Fluorescent Flow Cytometry (WBC DIFF), direct current impedance method with hydrodynamic focusing (RBC/PLT), Cyanide-free SLS method (HGB)

Channels



Parameters

WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, MPV, NEUT#, NEUT%; IG#, IG%; LYMPH#, LYMPH%; MONO#, MONO%; EO#, EO%; BASO#, BASO%

Retic Parameters with Optional License:

RET#; RET%, IRF; RET-He

Body Fluid Parameters with Optional License:

TC-BF, WBC-BF, RBC-BF PMN #, PMN%, MN #, MN%

Throughput

Up to 60 samples/hour in whole blood (WB) mode

Sample Volume

Whole Blood Mode: 25 μ L
Pre-dilute Mode: 70 μ L
Body Fluid Mode: 70 μ L

Linearity

WBC: 0.00 – 440.00 $\times 10^3/\mu$ L
RBC: 0.00 – 8.60 $\times 10^6/\mu$ L
PLT: 0 – 5,000 $\times 10^3/\mu$ L

Quality Control

XN-L CHECK™ or XN CHECK™

Dimensions and Weight

17.72" (W) X 25.98" (D) X 17.72" (H); 116.84 LBS

Screen Dimensions:

10.5" (W) X 9.5" (D) X 8.25" (H)

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