

Automated Hematology Analyzer

XN-2000™



Brief Product Description

Compact yet automated, the XN-2000 offers a unique co-primary solution with automatic load balancing, onboard decision rules and hands free rerun and reflex testing. Available in XN-10™ or XN-20™ analyzer configurations providing additional differential flagging.

- Benchtop or floor model with wagon, open or closed tube sampling, automatic continuous feed sampler.

Principles and Technology

Fluorescent Flow Cytometry using a semi-conductor laser and hydrodynamic focusing in dedicated channels.

Channels



(Only available on XN-20 configuration)

Parameters

Whole Blood:

WBC; RBC; HGB; HCT; MCV; MCH; MCHC; PLT (PLT-I, PLT-F); NEUT#, NEUT%; IG#, IG%; LYMPH#, LYMPH%; MONO#, MONO%; EO#, EO%; BASO#, BASO%; NRBC#, NRBC%; RDW-SD; RDW-CV; MPV; RET#, RET%; IRF, RET-HE; IPF#, IPF%

Body Fluid:

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

Throughput

Whole Blood: up to 200 samples/hour
Body Fluid Mode: up to 80 samples/hour

Sample Volume

Whole Blood Mode: 88 µL
Low WBC Mode: 88 µL
Pre-dilute Mode: 70 µL
Body Fluid Mode: 88 µL

Linearity

WBC: 0.00 – 440.00 X 10³/µL
RBC: 0.00 – 8.60 X 10⁶/µL
PLT: 0 – 5,000 X 10³/µL
WBC-BF: 0.000 – 10.000 X 10³/µL
RBC-BF: 0.000 – 5.000 X 10⁶/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 XbarM files
- *Insight*™ online quality assurance program
- BeyondCare™ Quality Monitor (BCQM) simplified and consolidated platform for quality control monitoring

Dimensions and Weight

37.8" (W) X 36" (D) X 33.7" (H); 315.3 LBS

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