

## Automated Hematology Analyzer

# XN-450™



**Brief Product Description** XN-Series™ technology in a smaller footprint for the lower volume laboratory. Open and closed tube sampling.

**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 µL  
Pre-dilute Mode: 70 µL  
Body Fluid Mode: 70 µL

**Linearity** WBC: 0.00 – 440.00 X 10<sup>3</sup>/µL  
RBC: 0.00 – 8.60 X 10<sup>6</sup>/µL  
PLT: 0 – 5,000 X 10<sup>3</sup>/µL

**Quality Control** XN-L CHECK™ or XN CHECK™

**Dimensions and Weight** 17.72" (W) X 18.11" (D) X 17.32" (H); 77.16 LBS

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