## 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
- XN-DIFF
- L-WBC
- RET (Optional)
- XN-BF DIFF (Optional)

#### 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 10³/µL
- RBC: 0.00 – 8.60 X 10⁶/µL
- PLT: 0 – 5,000 X 10³/µL

#### 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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Together for a better healthcare journey