XP-300 Automated Hematology Analyzer

Detection Principles

- **RBC, PLT**: Direct Current (DC) detection method
- **WBC**: DC detection method
- **HGB**: Non-cyanide method
- **HCT**: Cumulative pulse height detection method

Parameters

**Whole Blood and Pre-dilute Mode; 17 parameters**
WBC; RBC; HGB; HCT; MCV; MCH; MCHC; PLT; LYM#/%; MXD#/%; NEUT#/%; RDW-SD; RDW-CV; MPV; PDW*; P-LCR*; PCT*

**Histogram**
WBC, RBC, PLT

**Throughput**
60 samples per hour (max.)

**Sample Volume**
Whole Blood Mode: 50 μL
Pre-dilute Mode: 20 μL

**Data Storage**
40,000 complete sample results with histograms

**Quality Control**
2 QC programs: Levey-Jennings; X-barM file control charts
6 QC files for all Sysmex EIGHTCHECK®-3WP X-TRA parameters
Quality Assurance Program

**Whole Blood Linearity**
- **WBC**: 1.0 – 99.9 x 10^3/μL
- **RBC**: 0.30 – 7.00 x 10^6/μL
- **HGB**: 0.1 – 25.0 g/dL
- **HCT**: 10.0 – 60.0%
- **PLT**: 10 – 999 x 10^3/μL

**Sample No.**
Up to 15 alphanumeric characters

**Peripheral Output Options**
Built-in thermal printer (standard)
Host computer Ethernet (TCP/IP), RS-232C
Handheld barcode reader (standard)
Graphic printer (standard)

**Multi-Language Software**
English, French, German, Spanish, Italian, Portuguese, Japanese, Chinese, Indonesian, Korean, Russian

**Dimensions / Weights**
16.5 x 19 x 14 / 66 lbs.

**Reagents**
CELLPACK 10L
STOMATOLYSER - WH (3*500ML)

**Display**
Color LCD with touchscreen

**ID Barcode-Specifications**
ITF, NW-7, CODE 39, CODE 128, JAN-8, JAN-13

*In some areas, these parameters may be used for research or investigational purposes only.*