



## XP-300™ Specifications

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# XP-300 Automated Hematology Analyzer

<b>Detection Principles</b>	RBC, PLT Direct Current (DC) detection method WBC DC detection method HGB Non-cyanide method HCT Cumulative pulse height detection method
<b>Parameters</b>	<b>Whole Blood and Pre-dilute Mode; 17 parameters</b> WBC; RBC; HGB; HCT; MCV; MCH; MCHC; PLT; LYM#/%; MXD#/%; NEUT#/%; RDW-SD; RDW-CV; MPV; PDW*; P-LCR*; PCT*
<b>Histogram</b>	WBC, RBC, PLT
<b>Throughput</b>	60 samples per hour (max.)
<b>Sample Volume</b>	Whole Blood Mode 50 $\mu$ L Pre-dilute Mode 20 $\mu$ L
<b>Data Storage</b>	40,000 complete sample results with histograms
<b>Quality Control</b>	2 QC programs: Levey-Jennings; X-barM file control charts 6 QC files for all Sysmex EIGHTCHECK®-3WP X-TRA parameters Quality Assurance Program
<b>Whole Blood Linearity</b>	WBC 1.0 – 99.9 x 10 <sup>3</sup> / $\mu$ L RBC 0.30 – 7.00 x 10 <sup>6</sup> / $\mu$ L HGB 0.1 – 25.0 g/dL HCT 10.0 – 60.0% PLT 10 – 999 x 10 <sup>3</sup> / $\mu$ L
<b>Sample No.</b>	Up to 15 alphanumeric characters
<b>Peripheral Output Options</b>	Built-in thermal printer (standard) Host computer Ethernet (TCP/IP), RS-232C Handheld barcode reader (standard) Graphic printer (standard)
<b>Multi-Language Software</b>	English, French, German, Spanish, Italian, Portuguese, Japanese, Chinese, Indonesian, Korean, Russian
<b>Dimensions / Weights w x h x d [inches]/[lbs]</b>	16.5 x 19 x 14 / 66 lbs.
<b>Reagents</b>	CELLPACK 10L STOMATOLYSER - WH (3*500ML)
<b>Display</b>	Color LCD with touchscreen
<b>ID Barcode-Specifications</b>	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.

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