

Parameters and Operating Ranges

Parameter	Range
Hematocrit (Hct)	15 - 65%
Hemoglobin (Hgb)	5 - 20 g/dL
Mean Corpuscular Hemoglobin Concentration (MCHC)	25 - 37.3 g/dL
White Blood Cell Count (WBC)	1.6 - 99.9 × 10 ⁹ /L
Granulocyte Count (Gran #)	0.8 - 70 × 10 ⁹ /L
Granulocyte % (Gran %)	1 - 99%
Lymphocyte and Monocyte Count (Lymph/Mono #)	0.8 - 99.9 × 10 ⁹ /L
Lymphocyte and Monocyte % (Lymph/Mono %)	1-99%
Platelet Count (Plt)	20 - 999 × 10 ⁹ /L

Precision

Parameter	Mean Value	Mean %CV
Hematocrit (Hct) (%)	41.7	2.0%
Hemoglobin (Hgb) (g/dL)	14.0	1.9%
Platelet Count (Plt) (× 10 ⁹ /L)	235	6.0%
White Blood Cell Count (WBC) (× 10 ⁹ /L)	6.0	6.4%

Parameter	Range	Max S.D.
Granulocyte % (Gran %)	38 - 79	3.2
Lymphocyte and Monocyte % (Lymph/Mono %)	21 - 63	3.2

The precision data represent the analysis of eleven whole blood specimens, each assayed in replicates of ten.

Electrical Specifications (Power Pack)

Voltage Input	100 - 240 VAC
Frequency	50 - 60 Hz
Current Output	5.21 A (Peak)
Power Output	250 W

General Specifications

Dimensions	W 16" x D 16.3" x H 16.3" (40.6 cm x 41.4 cm x 41.4 cm)
Weight	19 lbs (8.6 kg)
Noise	<70 dB @ 3 ft
Sample Volume	70 µL
Display	LCD Display Resolution 160 x 160
Printout	58 mm thermal recorder paper

Connectivity

USB	3 external ports
Ethernet (Wired)	RJ45

Operating Environment

Non-Operating Temperature Requirements	-2 °F to 122 °F (-20 °C to 50 °C)
Operating Temperature Requirements	16 °C – 32 °C unrestricted (at > 32 °C use may be limited by instrument temperature shutdown or some results may be suppressed)
Humidity	10% - 95% non-condensing
Part Number	429001

