



Haematology Analyser KHA-A101

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Haematology Analyser KHA-A101 is a fully-automated 20 parameter 3-part WBC differentiation benchtop blood cell counter unit. System features color LCD display, large storage memory, error alarms, 2 counting modes for whole blood and prediluted samples. Internal software system detects mechanical failures, enables calibration facility as well as advanced QC testing for standardized operation at reduced routine servicing. System is equipped with back-flush as well as blockage removal facility to improve hygiene control.

Features:

- 10.4-inch color TFT Touch screen LCD display
- Throughput: 60 samples/hr
- Performs 20 parameter testing with 3 histogram
- Whole-blood and Pre-diluted modes
- Connectivity options for data transfer
- Stores up to 50000 patient records
- Built-in thermal printer
- External printer (Optional)

Applications:

Used in diagnostic laboratories, pathological diagnostic centers to characterize blood cells, determine their count and cell volume for in-vitro pathological diagnosis of blood samples to meet qualifying performance requirements and standardized results for multiple sample analysis.

Specifications :

Accuracy (CV %)	WBC ($10^9/L$) : 2.0 % (7.0 - 15.0) RBC ($10^{12}/L$) : 1.5 % (3.50 - 6.00) HGB (g/L) : 1.5 % (110 - 180) MCV (fL) : 0.4 % (80.0 - 110.0) PLT ($10^9/L$) : 4 % (100 - 500)
Aperture Diameter	WBC : 80 μ m RBC : 50 μ m
Carryover	WBC / RBC / HGB 0.5 % PLT1.0 %
Connectivity	LAN, USB, RS-233
Dimensions	436 x 363 x 367 mm
Humidity	0.8
Operating Temperature	15 °C to 35 °C
Power Supply	AC 110 V – 220 V, 50 / 60 Hz
Printer	Built-in Thermal printer
Resolution	640 x 480
Sample Volume	Pre-diluted : 20 μ L Whole blood : 9.8 μ L
Screen Display	10.4" TFT color touch LCD
Storage	50,000 records
Testing Parameters	WBC, LYM#, MON#, GRA#, LYM%, MON%, GRA%, RBC, HGB, MCHC, MCH, MCV, PDW, RDW-CV, RDW-SD, HCT, PLT, MPV, P-LCR, PCT with Histograms for WBC, RBC and PLT.
Throughput	60 samples/hr
Type	Fully automated 3-part differential system
Weight	18 Kgs



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