

Equipment ID: Lab-01A  
Sysmex K-4500  
Hematology Analyzer

At a throughput rate of approximately 80 samples per hour in closed or open mode operation, 18 numerical parameters plus histograms for RBC, PLT and WBC with 3 distinct leukocyte subpopulations are generated (WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT W-SCR, W-MCR, W-LCR, W-SCC, W-MCC, W-LCC, RDW-SD or RDW-CV, PDW, MPV, P-LCR). With the cap piercing sampler (50 sample capacity, 200 µl in CP sampler mode), the barcode reader and ingenious microprocessor programs, efficient walk-away automation and safety are achieved simultaneously.

Once results have been validated they can be output to external printers or to a Host computer system.

Open for future needs, the K-4500 can be equipped with extended data management capabilities: the system can be complemented or updated by an individual and customer-oriented data management system on an external PC to provide 'state of the art' handling of patient data, demographics and extended quality control functions.



Accuracy – safety – and high throughput: the K-4500 is the answer to today's haematology laboratory requirements.

W x D x H: 23x14x24 inches / 58x36x61 cm Weight: 110 lbs / 50 kilos

- Uses reliable Direct Current (DC) method ensuring accurate and stable hematology testing
- 18 parameters plus histograms for WBC, RBC and PLT (can be printed via thermal printer)
- Cap piercing sampler with 50 samples capacity allowing efficient hematology testing
- Throughput of 80 samples per hour without operator intervention
- K-4500 uses cyanide-free, bio-degradable reagent for analysis of HGB
- Combined with the Cap piercing Sampler, the flexible Barcode Reader\* provides positive sample identification, optimizing laboratory efficiency.