



HOSPITEX

INTERNATIONAL

HEMATOLOGY



HEMASCREEN 18

AUTOMATIC CELL COUNTER

The fully automatic 3-diff hematology analyzer with 60 samples/h



- 24 parameters including 3 histograms (WBC, RBC, PLT)
- 60 samples per hour, minimize your workload
- Two reagents only(500ml LYSE, 20L DILUENT), cost-effective
- Impedance for cell counting, cyanide-free method for HGB
- Store 100,000 results, large memory
- Support Bi-directional LIS, easy data transmission
- Advanced high voltage and flush to remove blockage automatically
- Auto-cleaning of sample probe and tubes

TECHNICAL CHARACTERISTICS

Working Capacity:	60 samples/hour	Input and output:	USB, RS232 serial port, VGA
Sample Volume:	10 µl of whole blood, 20 µl of prediluted blood 10 µl capillary	Reagent:	Reagent required for single test: Diluent: 25mL, Lyse: 0.35mL
Aperture size:	70 µm for RBC/PLT and 100 µl for WBC	Display:	10.4-inch color touch screen
Precision (CV%):	WBC ≤ 2%, RBC ≤ 1.5%, MCV ≤ 0.4%, HGB ≤ 1.5%, PLT ≤ 4%	Printer:	Thermal (80x15m) and external (optional)
Parameters 24:	WBC, NEU#, LYM#, NEU%, LYM%, MID% RBC, HGB, HCT, MCV, MCH, RDW-SD, RDW-CV, MCHC, MPV, PDW-SD, PDW-CV, PCT, P-LCR, NLR and PLR + 3 histograms (WBC, RBC, PLT)	Alarm:	Reagent empty, waste full
		Dimensions:	51(L) x 59(W) x 64(H) cm
		Weight:	24 kg
		Power Supply:	100-240 VAC, 50/60 hz