Eurocount NG
Next Generation 3-Part Hematology Analyzer

Eurocount NG
Next Generation 3-Part Hematology Analyzer

Technical Specifications

PARAMETERS	:	WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW-SD, PDW- CV, PCT, P-LCR, P-LCC
PRINCIPLES OF OPERATION	:	WBC/RBC/PLT: Electrical impedance HGB: Photoelectric colorimetry
ASPIRATION VOLUME	:	Whole blood 8.5 µL, pre-diluted 20 µL
APERTURE DIAMETER	:	WBC 100 µm, RBC/PLT 68 µm
THROUGHPUT	:	72 samples per hour
DATA STORAGE	:	Up to 100,000 sample results with histograms
ALARMS	:	Error messages
DISPLAY	:	10.4" color LCD, resolution 800x600, touch screen
CONTROLS / CALIBRATION	:	L-J, X, X-R, X-B four control modes, manual and auto-calibration
INPUT/OUTPUT	:	Support RS232, 6 USB (mouse, keyboard, HP printer, barcode reader and flash disk), Internal 57mm thermal printer
POWER	:	AC 100-240V, 50/60Hz, 130VA
DIMENSION & WEIGHT	:	415 mm (L) x 305 mm (W) x 395 mm (H),~18 kg

✔ Throughput upto 72 samples/hour

✔ 2 Reagents system

✔ Low sample volume

✔ Automatic clog cleaning

✔ 10.4" color touch screen

CE IVD

Eurocount NG

Next Generation 3-Part Hematology Analyzer

ACCURATE AND PRECISE RESULTS
- Proven impedance measurement technology
- Auto internal & external cleaning for aspiration probe
- High precision syringes

COMPACT IN SIZE & EASY TO USE
- Large color LCD with high resolution
- Working status indicator light
- Multi functional user interface (Keyboard, Mouse)
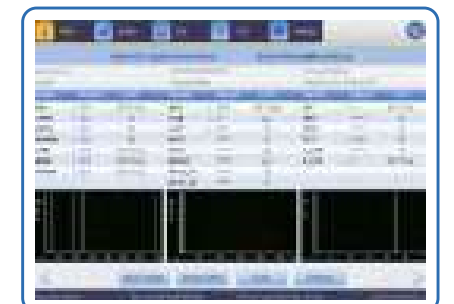- Internal storage of lyse requires less work space

COST-EFFECTIVE
- Only 2 reagents for sample testing
- Optimized fluid system with low reagent consumption
- Low consumable cost

LOW AND EASY MAINTENANCE
- Special self-checking function during initialization
- Auto clog removing by aperture cauterizing and flushing
- Error messages
- Openable front panel and side door

ADVANCE SOFTWARE FUNCTION
- Friendly interface and illustratative icons
- On board storage up to 100,000 results
- L-J, X, X-R and X-B QC methods
- LIS and HIS supported
- Real time reagents inventory

ROBUST HARDWARE
- High quality components
- Vacuum pumps
- CE & ISO certified

- 22 parameters with P-LCC, P-LCR and RBC, WBC, PLT histograms
- Throughput up to 72 samples per hour with double chamber design
- Impedance method for WBC, RBC and PLT
- Micro sample volume at 8.5μL for whole blood mode and 20μL for pre-dilute mode
- On board storage capacity of 100,000 samples results
- Four kinds of QC modes: L-J, X, X-R and X-B
- Supports USB data backup & system upgrade
- Built-in thermal printer
- LIS and HIS supported