












# Dia-COUNT 60

## Automated Hematology Analyzer

### Parameters :-

WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, HGB, MCHC, MCH, MCV, HCT, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, and Histograms for WBC, RBC & PLT

### Features :-

-  20 parameters, 3 histograms
-  3-part differentiation of WBC
-  Throughput : 60 samples per hour
-  2 Counting mode ; whole blood and prediluted
-  Large color LCD display with mouse operation
-  Built-in thermal printer and external keyboard
-  External AC adapter avoids electronic noises, enhancing accuracy
-  Up to 50,000 sample results (including histograms) can be stored
-  Facility to adjust Histogram manually



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Automated Haematology Analyzer



### Technical Specifications

#### Principle:

Electrical resistance for counting WBC, RBC and PLT

#### Operating Environment:

Temperature : 15°C - 35°C, Humidity ≤80%

#### Sample Volume :

Whole Blood : 9.8µl ; Pre-diluted : 20µl

#### Throughput:

Up to 60 samples per hour

#### Print out:

Thermal recorder, option available for external printout

#### Reagents:

Uses 3 Reagents: Lyse, Diluent and Cleanser

#### Input / Output:

Rs232, USB

#### Power requirement :

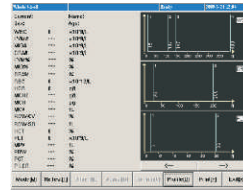
AC 110-220V, 50/60 Hz, 96VA

#### Dimension :

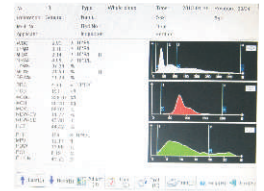
478 mm (L) x 330 mm (W) x 395 mm (H)

#### Weight :

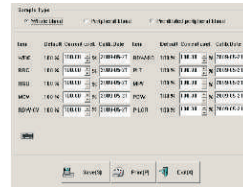
22.49 Kg



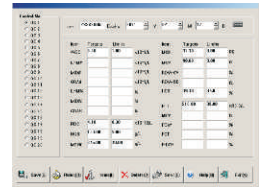
After startup self-checking



Colored monitor for better visibility of histograms



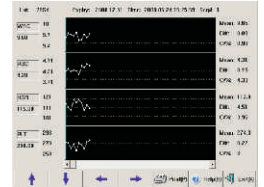
Facility of automatic and manual calibration



Facility of Quality Control



Facility to setting panic values



LJ Plot for routine QC check up

### Histogram Alerts:

Dia-COUNT 60 provides alerts for possible presence of

- NRBCs,
- non-lysed RBCs,
- giant platelets,
- platelet aggregation,
- Plasmodium,
- abnormal lymphocyte,
- heteromorphic lymphocyte,
- atypical cells,
- plasma cells,
- immature granulocytes,
- granulocytosis,
- small RBCs,
- cell fragments
- fibrous proteins etc.



Belongs to human life

# DIATEK Healthcare Pvt. Ltd.

(An ISO 9001 : 2008 certified Organisation)

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