

CYToChek

Automated Hematology Analyzer
Smart Performer of Your Lab



- 3Part Analyzer with 21 parameters + 3 Histograms
- Whole blood, Pre diluted & Capillary mode
- 70 samples per hour 10.4 " touch screen display
- Unique preheating of diluent ensures quality of results.
- WBC,RBC,PLT Flags for better understanding of samples
- Autoclog elemination by electrical pulse.
- Bright multi coloured LED indicates ● Ready to use, ● Sample under Process & ● Error Messages
- 6 USB ports , LAN & wireless keybord / mouse.
- Radio Frequency ID based **Diluchek & Lyzocheck** - Only 2 Reagents





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TECHNICAL SPECIFICATIONS

PARAMETERS :

WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC 3- Part differentiation of WBC, 21 Parameters and 3 histograms

PRINCIPLES :

WBC/RBC/PLT : Electrical impedance

HGB : Photoelectric colorimetry

ASPIRATION VOLUME :

Whole blood 8.5 uL, pre-diluted 20 uL

APERTURE DIAMETER : WBC 100 um, RBC/PLT 68um

THROUGHPUT :

70 Samples per hour / Double Chamber

DATA STORAGE :

Up to 100,000 sample results with histograms

ALARMS : Error message Indication

DILUTION RATIO

Whole blood	Capillary blood
WBC/HGB 1:232	1:400
RBC/PLT 1:40000	1:45000

DISPLAY : 10.4 - inch color Resolution 800 x 600, touch screen

CONTROL AND CALIBRATION :

L-J, X, X-B, X-R 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, 130-180VA

DIMENSION & WEIGHT :

380 mm (L), x 305mm (W) x 395mm (H), about 18kg



Chemleon Diagnostics Private Limited

64, 8th Street, Tatabad, CBE # TN # INDIA - 641 012.

E-Mail : chemleonindia@gmail.com web : www.chemleon.com

Customer Care : ☎ (+91) 99948 37858