



3 PART HEMATOLOGY ANALYZER H-30 PRO

Empowering CBC test
with maximum capabilities

MARKETED BY
BIOGENIX

SPECIFICATION

PARAMETER

21 reportable parameters: WBC, LYM%, MXD%, NEUT%, LYM#, MXD#, NEUT#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, PLCC, PLCR

2 RUO parameters: *NLR, *PLR

3 histograms for WBC, RBC and PLT

PERFORMANCE

Parameter	Linearity Range	Precision (CV %)
WBC (10 ⁹ /L)	0.0-300	≤2.5% (3.50-15.00)
RBC (10 ¹² /L)	0.0-8.5	≤1.5% (3.5-6.5)
HGB (g/L)	0-250	≤1.5% (100-180)
PLT (10 ⁹ /L)	0-4000	≤5.0% (125-500)
MCV(fl)	70-120	≤1.0% (70.0-120.0)
HCT(%)		≤2.0% (30-50)

PRINCIPLE

Direct impedance method for WBC, RBC and PLT counting
Cyanide free Lyse reagent for hemoglobin test

SAMPLE VOLUME

Whole blood mode	10 μL
Capillary whole blood mode	10 μL
Pre-diluted mode	20 μL

REAGENTS

HD310 Diluent	10L/20L
HL310 Lyse	200mL/500mL/1L
Hc310 Cleaner	50mL

OPERATING ENVIRONMENT

Temperature: 15°C~35°C;
Humidity: 20% RH~85% RH;
Air pressure: 70 kPa~106 kPa

DISPLAY

10.4 inch TFT color touch screen

THROUGHPUT

60 samples per hour

CONTROL & CALIBRATOR

ED-30D, ED-CAL PLUS

DATA STORAGE CAPACITY

100, 000 results including results and histograms
60 QC files (100 data per file)

DIMENSION & WEIGHT

415mm(L) x 275mm(W) x 406mm(H);
Weight: 18kg

INTERFACE

5 USB ports (for external printer, software upgrade, barcode scanner, keyboard, mouse), 1 LAN port