

Smart, precise,
and cost-effective CBC solutions

AH30

Hematology Analyzer



Specification

Parameters

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)

Principles

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

Display

10.4 inch TFT color touch screen

Throughput

60 samples per hour

Sample Volume

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

Control and Calibrator

ED-30D, ED-CAL PLUS

Data Storage Capacity

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

Reagent

AH30 Diluent 20L
AH30 Lyse 500mL
AH30 Cleaner 50mL

Dimension and Weight

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

Operating Environment

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

Interface

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

