H31 Pro

3-Part Hematology Analyzer

Specification

Technical Specifications:

Principles

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

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
Note: RUO means for research use only.

Reagent

HD310 Diluent 10L/20L
HL310 Lyse 200mL/500mL/1L
HC310 Cleaner 50mL

Sample Volume

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

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%(3.50-6.50)
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(%)	30-50	≤2.0%(30-50)

Throughput

60 samples per hour

Display

10.4 inch TFT color Touch Screen

Data Storage Capacity

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

Communication

LAN Port supports HL7 protocol

Printout

Built-in thermal printer
External printer supported

Power Requirement

100V-240V, 50Hz/60Hz

Operating Environment

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

Dimension and Weight

415mm x 275mm x 406mm (length × width × height) ;
Weight: 18kg

Edan Instruments, Inc.
No.15 Jinhui Rd., Jinsha Community,Kengzi Subdistrict, Pingshan District, Shenzhen
518122 P.R. China | +86.755.26898326 | www.edan.com.cn | info@edan.com.cn