



KT-44

Auto Hematology Analyzer



Technical Specification



Double -channel for counting



Only 9 μ l sample required



21 parameters



Only 2 Reagents required

Throughput

60 samples/hour

Detection channel

Double -channel for counting

Sample volume

Whole blood mode, pre-diluted mode

Counting modes

Minimum volume 9 μ l whole blood

Detection principle

Impedance method (WBC, RBC, PLT) and cyanide free colorimetric method (HGB)

Detection items

The detection items include maximum 21 parameters (WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, HGB, P-LCC , P-LCR , 3 histograms, alarm for abnormal erythrocytes, leukocyte and platelet

Leading technology

Cell pulse baseline tracking and restore technology
High voltage burning technology
Built-in liquid sensor technology
High speed pulse collecting and discrimination technology
Intelligent floating threshold technology

Reagent

3-Part diluent and lyse

Report print

Built-in thermal printer
Support external more than 5 types USB HP printers (optional)
Support different language when leaving the factory
Multiple built-in report templates available

Display type

10.4 inch color display screen with touch panel

Storage

500,000 sample results, including histogram and patient information

Input/Output

4 USB ports and Bi-directional LIS connection, support USB keyboard, mouse, USB disk and USB printer

Power supply

Temperature: 10 $^{\circ}$ C ~ 35 $^{\circ}$ C
Relative humidity: 20% ~ 85%

Dimension

100 ~ 240VAC, 50/60 Hz, 150VA

Net weight

420(L) x 295(W) x 430mm(H)
 \leq 28kg

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