

TECHNICAL DATA SHEET

3-Diff Fully Auto Hematology Analyzer Blood Analyzer YSTE320V



Reference photograph. Confirm accessories and configuration in the quotation.

Laboratory Fully Auto Hematology Analyzer

1. Highlights

I User-friendly interface

10.4 inch true color TFT LCD & touch screen, more visible

Minimize the number of interface layers, pop-up soft keyboard, easy to operate

I Internationalization support

Possible choice of parameter units. Several languages available, can switch language online

I Provide various anemia indications

Normocytic and normochromic anemia, Macrocytic and normochromic anemia, Microcytic hypochromic anemia, Microcytic anemia

I Provide text of alarm information

Text of alarm information is clearer than alarm character provided by traditional 3-part analyzer, such as R1, Rm and Pm

I Automatic blank counting

Automatically start a blank counting and auto-assessment of the results during start-up process

I Automatic re-counting

Automatically re-count after unclogging treatment while a counting hole is clogged, avoid re-collecting blood

I Wider linearity range & excellent repeatability

I Maintenance-free syringe

I Built-in patented structure thermal printer. Easy to load paper, and fast print of large size report

Paper 80mm wide. Report printing takes only 5 seconds

I State-of-the-art technology

Sweeping flow technology, Pulse discrimination technology, intelligent floating threshold technology

2. Product Specifications

I Measuring Principles

Impedance method for cells counting

Cyanide free colorimetric method for HGB measurement

I Measuring Channels

Double channel for counting

I Throughput

From beginning of a test to completion of the printout: ≤ 60 Seconds

I Counting Modes

Whole Blood, Pre-diluted Blood

I Sample Volume

Whole Blood: $\leq 14\mu\text{L}$

Pre-diluted Blood: $\leq 20\mu\text{L}$

I Parameters & Histograms

21 parameters and 3 histograms:

WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC, WBC Histogram, RBC Histogram, PLT Histogram

I Reference Value Arrangements

Preset five sets of reference values: Man, Woman, Child, Baby and General

I Alarm System

Multiple alarms of running status including blank counting abnormal, reagents empty, waste full, counting hole clogged, counting area leak or bubble, recorder abnormal, external printer abnormal and circuit abnormal, etc

I Measures of Unclogging Treatment

Back flushing, soaking and burning. Automatic unclogging treatment before and after the sample analysis

I Printout

English print report, optional report formats

I Storage

Can store more than 10,000 sample results, including parameters, histograms and patient information. Support multiple conditions combination query

I Communication

Open communication protocol. Support connection to LIS

I Data Import & Export

Import or export data via USB port

I Quality Control System

Include 9 QC files, automatically draw quality control chart, provide the average, SD, CV

I Calibration System

Support manual and automatic calibration

I Software Upgrading

Upgrading software via USB port

I Display & Touch Screen

10.4 inch true color TFT LCD and touch screen

I Printer

Built-in patented structure thermal printer, paper 80mm wide, easy to load paper. Report printing takes only 5 seconds

I Data Ports

One network port, one RS-232 port, four USB ports

I Optional External Devices with USB Port

Standard 101 keyboard, mouse, barcode scanner and multiple printers

I Power

220V, 50Hz Input power: $\leq 150\text{VA}$

I Operating Environment

ü Environment Temperature: $10\text{ }^{\circ}\text{C}\sim 30\text{ }^{\circ}\text{C}$

ü Relative Humidity: $\leq 70\%$

ü Atmospheric Pressure: $70.0\text{kPa} \sim 106.0\text{kPa}$

I Dimensions

368mm x 448mm x 475mm

I Weight

$\leq 23\text{Kg}$

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.