



Wellmed Pro | Wellview Universal Group

## TECHNICAL DATA SHEET

### YSTE5000A 5-Part Automatic Hematology Analyzer

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#### Intended Use

YSTE5000A Automatic Hematology Analyzer uses Laser based flow cytometry to count white blood cells in blood sample, uses electrical impedance to count red blood cells and platelets, and colorimetry to measure the hemoglobin, and relevant parameters will be enumerated.

#### Features

50 µm Hole: Accurate test of blood cells with 50 µm gem holes

Digital Filtering: Effectively remove interference

Coincidence Calibration: Enhance analytical capabilities

Double Channels: WBC double channels 2D classification, faster and more accurate

#### Technical Specifications

##### Parameters

5-part WBC Differential

25 Reportable Parameters

2 Histograms

2 Scatter Grams

Abnormal Sample Alarm

##### Sample Mode

Whole Blood (Venous/Capillary), Pre-dilution

##### QC Methods

L-J QC, X-B QC

##### Power Supply

100-240 V~50/60 HZ

##### Weight

21 kg

##### Dimension

328 mm x 471 mm x 446 mm (L x W x H)

##### Data Storage

10,000

##### Screen Type

10.4 inch Resistive Screen

##### Operating Conditions

18~30°C, ≤80% Relative Humidity, 75 kPa~106 kPa

Test Items

White Blood Cell

WBC

Mean Corpuscular Hemoglobin Concentration

MCHC

Neutrophil#

NEU#

Mean Corpuscular Hemoglobin

MCH

Lymphocyte#

LYM#

Red Cell Volume Distribution Width-Standard Deviation

RDW-SD

Monocyte#

MON#

Red Blood Cell Specific Volume

HCT

Eosinophil#

EOS#

Platelet

PLT

Basophil#

BAS#

Mean Platelet Volume

MPV

Neutrophil%

NEU%

Platelet Distribution Width

PDW

Lymphocyte%

LYM%

Plateletcrit

PCT

Monocyte%

MON%

Platelet-Large Cell Ratio

P-LCR

Eosinophil%

EOS%

Platelet-Large Cell Count

P-LCC

Basophil%

BAS%

Red Cell Volume Distribution Width-Coefficient of Variation

RDW-CV

Red Blood Cell

RBC

Mean Cell Volume

MCV

Hemoglobin (Concentration)

HGB

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.