

SPECIFICATION INTRODUCTION

Analysis Principle

DC impedance method: WBC/RBC/PLT
Colorimetric method: HGB
FCM & Fluorescence Staining: DIFF
Latex-enhanced immunonephelometric assay:
CRP/SAA

Measurement Mode

DX-80 CBC/CBC+DIFF
DX-80C CBC/CBC+DIFF/CBC+CRP/CBC+DIFF+CRP
DX-80S CBC/CBC+DIFF/CBC+CRP/CBC+DIFF
+CRP/CBC+DIFF+CRP+SAA...

Throughput

CBC+DIFF: 80T/H
CBC+DIFF+CRP: 60T/H

Report Parameters

Hematology:26 reportable parameters and 5
research parameters;
3 histograms(WBC/RBC/PLT);1 scatter grams(DIFF)
CRP test:3 reportable parameters
(CRP/FR-CRP/hs-CRP)
SAA test:1 reportable parameter(SAA)

Linearity

CRP:0.5~320mg/L,covering the full range of
CRP detection

Sample Type

Venial blood,Peripheral blood,Pre-dilution blood,
Serum,Plasma

Sample Loading

Manual,Auto-sampler for normal tube with cap,
Automatic mixing of micro-tube

Dimensions(mm)

662 (W) X 870 (D) X 658 (H) mm, ≤79kg

MEDCONN
DIAGNOSTICS

Genegeo

DX-80

SERIES

AUTOMATIC HEMATOLOGY ANALYZER



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DIAGNOSTICS

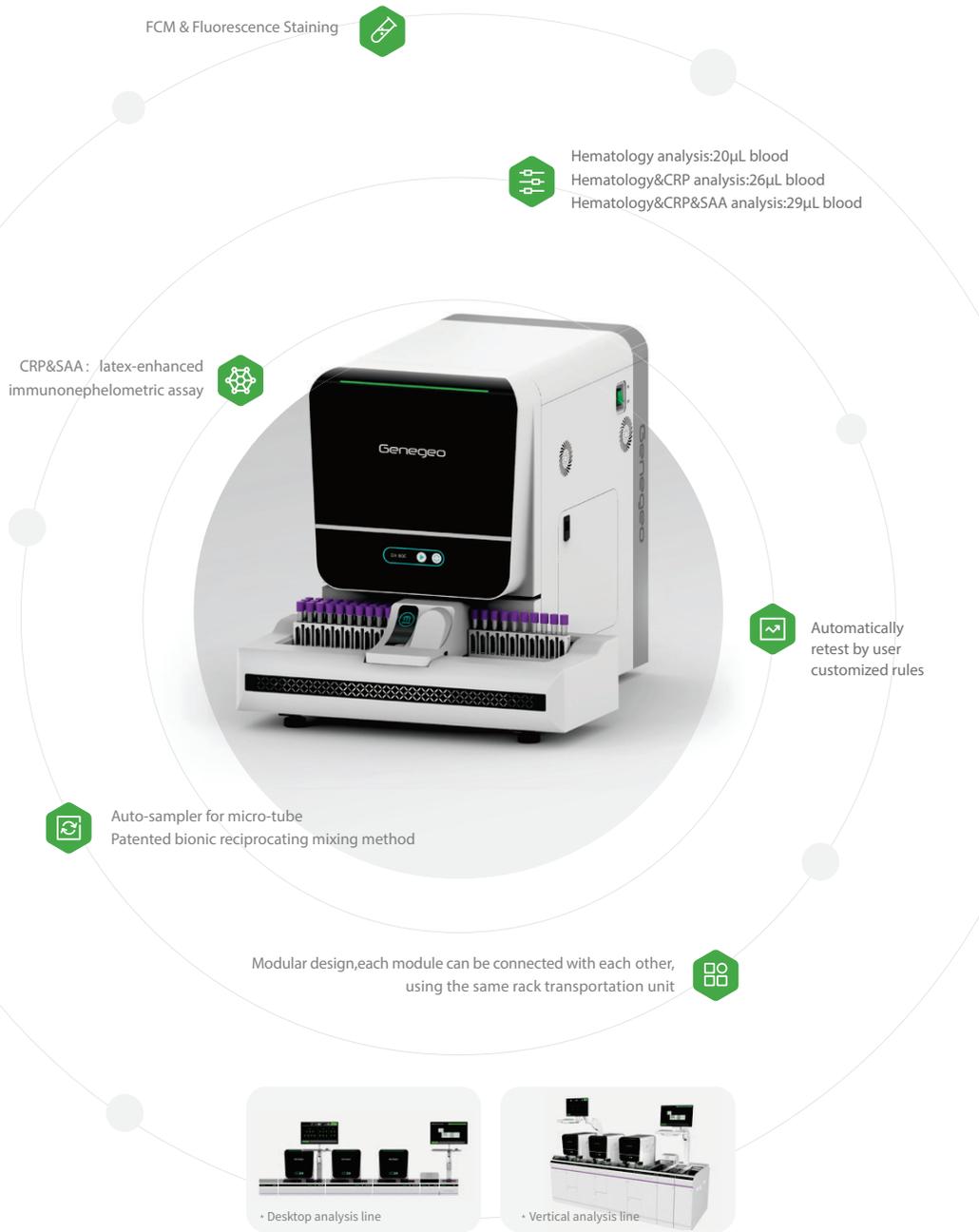
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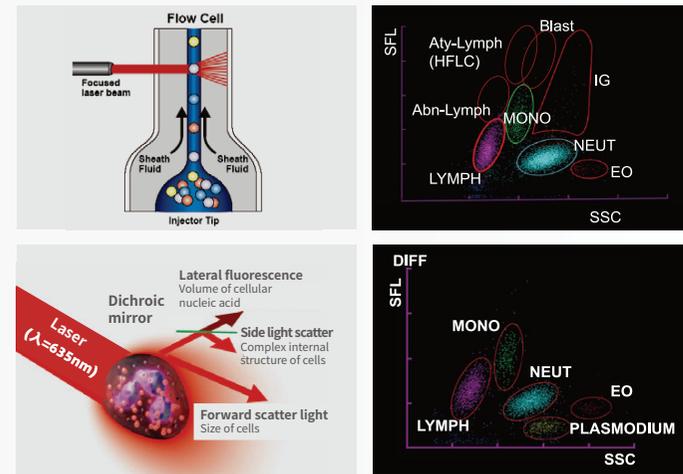


Fluorescence Staining & Latex-enhanced immunonephelometric assay

—Diagnostics management of Common Fever Diseases

Fluorescence Staining

- Identify blasts cells, abnormal lymphocytes and immature granulocytes, early screen for leukemia
- Identify plasmodium, screen for malaria



Latex-enhanced immunonephelometric assay

Differentiate bacterial infection from viral infection--CRP increased:bacterial infection;SAA increased and CRP normal level or slightly increased and WBC normal or slightly decreased: viral infection

