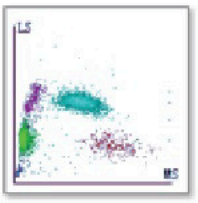
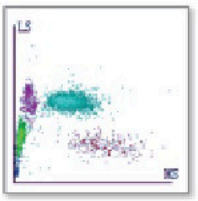
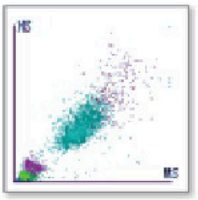
GIESSE®
DIAGNOSTICS

Italian IVD manufacturer since 1978
Worldwide distributed

Real double optical channel test, both for Diff and BASO. BASO channel with optical counting, more precise.







GS5

Trace 15µL
ultra-low sample volume especially suit for pediatric and geriatric samples

5 Part Auto Hematology Analyzer

GS5

5 Part Auto Hematology Analyzer

Technical Specification

- **Principles**

  Impedance method for RBC and PLT counting
  Cyanide free reagent for hemoglobin test
  Flow Cytometry (FCM) + Tri-angle laser scatter method for WBC 5-part differential analysis and WBC counting

- **Parameters**

  27 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#,Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC,RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, LIC%, LIC#, ALY%, ALY#
  3 histograms forWBC, RBC and PLT
  3 DIFF scattergrams and 1 BASO scattergram

- **Reagent**

  DIL-C Diluent, LYC-1 LYSE, LYC-2 LYSE, CLE-P

- **Linearity Range**

  WBC (0.00-300.00)×109/L RBC (0.00-8.50)×1012/L
  HGB (0-250)g/L PLT (0-3000)×109/L
  HCT 0.0-67.0%

- **Repeatability**

  WBC≤2.0% RBC≤1.5% HGB≤1.5%
  PLT≤4.0% MCV≤1.0%

- **Display**

  10.4 inch TFT Touch Screen

- **Throughput**

  60 samples per hour

- **Multi-language**

  English available
  Spanish, Portuguese, Russia, French under planning

- **Data Storage Capacity**

  Up to 50,000 results including numeric and graphical

- **Communication**

  LAN port supports HL7 protocol

- **Interface**

  4 USB Ports,1LAN port

- **Printout**

  Support all printers compatible with windows

- **Dimension**

  364mm(L) x 431mm(W) x 498mm(H)

- **Net Weight**

  27KG

Features

- Tri-angle Laser scatter + Flow cytometry technology
- WBC 5-part differentiation, 23 reportable parameters and 4 research parameters, 3 histograms, 3 DIFF scattergrams and 1 BASO scattergram
- Double optical counting channel both for WBC and basophil measurement
- Venous whole blood, capillary whole blood and Pre-diluted modes
- Powerful capability of flagging abnormal cells
  10.4 inch large TFT touch screen with user-friendly software
- Large storage capacity, up to 50,000 samples
- Throughput: 60 samples per hour
- Low sample volume 15 μL
- Compact in size
- High precision
- Good repeatability

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