



AUTO STAR DIFF 5

5 Part diffs Autoloader Hematology Analyzer

- * Perfect traceable QC & Calibration System;
- * Large Lineary Range, High Accuracy;
- * Customize Print Templates

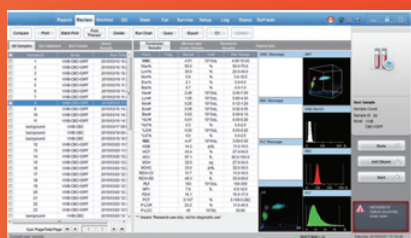
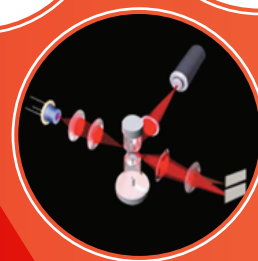
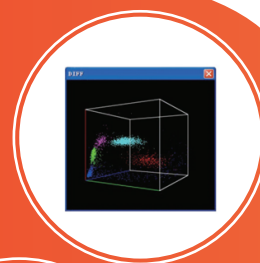
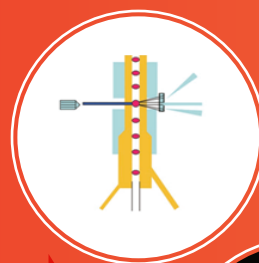
Lase Scatter Technology

Semiconductor laser flow cytometric Analysis to gather 3 angle scattering signal, output the three-dimensional scatter diagram with clear boundaries, abnormal cells could be identified more accurately

More Sample Types

- * Whole Blood 16 μ L
- * Capillary Blood 16 μ L
- * Pre-diluted Blood 12 μ L

Less blood required, suit to the ambulant clinic test the finger blood sample, especially for infant and cancer chemotherapy patients.



SIMPLE OPERATION

* Parts Maintenance-free

Unique High- Precision Syringe, Long Life Imported Parts to assure the performance
Unclogging: Cleaning Soak, flush apertures, Zap apertures.

* Machine Maintenance-easy

Daily Maintenance automatically by on & off
One key to remove error automatically
Sleep Status automatically without operation 30 minutes.



29 Parameters, 4 Reagents only

Only 3 Lyse reagents for the 29 parameters. Cost Effective.
Products Specification

*** Principle:**

Semiconductor Laser Flow cytometric Analysis Automatic Pulse Resistance Method
Cyanide Free Colorimetric Method (HGB)

*** Sample:** 3 Sample Mode, Whole Blood, Capillary Blood, Pre-diluted blood Volume 12uL

*** Parameters:**

29 Parameters, 1 3D Scatter diagram, 3 Scatter diagrams (2D), 3 histograms

25 Report Parameters:

WBC, LYM%, LYM#, NEU%, NEU#, MON%, MON#, EOS%, EOS#, BAS%, BAS#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PDW, MPV, PCT, P-LCR, P-LCC.

4 Research Parameters: ALY#, ALY%, LIC#, LIC%;

Alarm for confirmed & seemingly abnormal samples.

***Sample:**

3 Sample Modes: Whole Blood, Capillary Blood pre-diluted blood Volume 12µL.

***Sample Method:**

Open & Close
- Open for manual mode
- Close for auto mode

*** Throughout:**

80 Samples/hour.
The auto loader include 50 samples tube for walk-away

*** Data Management:**

LIS System automatic 2-way transmission management, up to 150,000 samples result storage.

*** Performance:**

Item	Repeatability	Lineary Range
WBC	≤ 2.0%	0.0~300*10 ⁹ /L
RBC	≤ 1.5%	0.0~8.5*10 ¹² /L
HGB	≤ 1.5%	0~250g/L
MCV	≤ 1.0%	40~150fL
PLT	≤ 4.0%	0~3000*10 ⁹ /L

*** Carry Over:**

RBC < 0.5%
WBC < 0.5%
HGB < 0.5%
PLT < 1.0%

*** Control Mode:** L-J, X, X - R, X-B diagram

*** Power Supply:** 100V- 240V, 50/60Hz, ≤250VA

Working condition:

Temperature: 15oC – 33°C
Humidity < 85%



Manufactured by :
Mti diagnostics GmbH

Office site:

Oberemser Straße 15
65510 Idstein – Kröftel, Germany
Tel. 06082 – 93050 21
Fax. 06082 – 93050 26

Production site:

Limberger Str. 45
65510 Idstein, Germany
Tel. 06126 – 95952 62
Fax. 06126 – 95952 64

