

TEK8510 Automatic Hematology Analyzer**Technical Specifications***Technical Specifications*

- Electrical Impedance. Double hydrodynamic focusing. Optical solid state LASER scattering Wide angle light scatter. High efficient light collector(patented)

Parameters

- WBC Lym#, Mon#, Neu#, Bas#, Eos#, Lym%, Mon%, Neu%, Bas%, Eos%, Lx, Ly, Nx, Ny, WBC, RBC, Hb, Hct, MCV, MCH, MCHC, RDW-CV, RDW-SD*, Plt, Pct, MPV, PDW
- 1 Scattergrams: WBC Interpreted Scattergram
- 4 Histograms: RBC, PLT, WBC, cyto

Throughput

- Up to 60 samples per hour

Display

- 12.1Inch Touch Screen

Sample types

- Whole blood. PLT only. HB only. Capillary predilution. Diluent. Control. Calibrator

Performance

Parameter	Linearity range	Precision (CV%)
WBC	0.1-450	2.5(7.0-15.0)
RBC	0.2-8.5	2.5(3.50-6.0)
HGB	2-250	2.0(110-180)
MCV	45-135	0.5(80.0-110.0)
PLT	10-4000	5.0(200-500)

Sample volume

- Prediluted: 20µL
- Whole blood: 10µL

Carryover

- WBC<0.5%, RBC<0.5%, HGB<0.5%, PLT<1.5%

Multi-language

- Chinese. English for optional and others can be customized

Data storage capacity

- Up to 100,000 results including numeric and graphical information

Printout

- External Laser printer/Inkjet printer, various printout formats and user-defined formats

Operating Environment

- Temperature:18-32°C
- Humidity:0%-85%

Power Requirement

- AC 100-240V 50/60Hz

Dimension

- Instrument:532mmx400mmx520mm
Package: 696mmx576mmx696mm

Weight

- Net:28KG Gross:32KG

TECOM SCIENCE CORPORATION

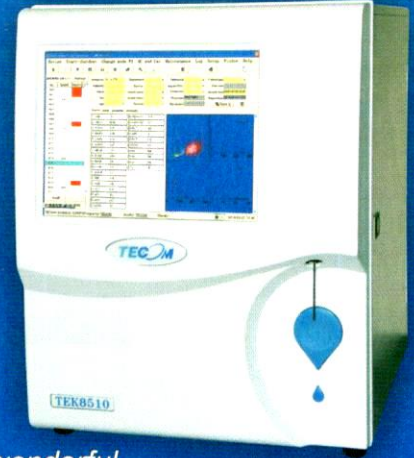
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**TEK8510
5-DIFF HEMATOLOGY
ANALYZER**

*The wonderful
Instrument for clinic*

*A real automatic 5 part hematology
analyzer*

- 5 part differentiation, 27 parameters
- 1 Scattergrams, 4 Histograms
- Up to 60 samplers per hour
- Optical solid state LASER scattering
- High efficient light collector (patented)
- 12.1" TFT Touch Screen
- Original reagent, control and calibration
- Easy to operate: Friendly and Intellective Software



LAB Market

بنها - عمارة ٢ غرب الاستاد - بجوار كنتاكي - خلف نقابة الاطباء ومطعم الرشيدى

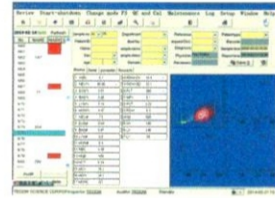
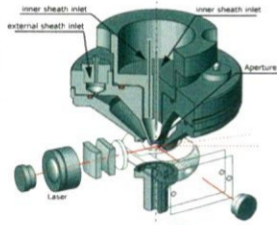
لاب ماركت

- مستلزمات معملية
- كيمويات
- أجهزة
- صيانة

01210312346
01016163354

Laser Light scatter and Cell Histochemistry method

- TEK8510 hematology analyzer utilizes the reliable and economical semiconductor laser as the light source for the cytometry system. Through analysis of different angles of laser scatters, the instrument provides complete analysis including cell size, granularity and complexity.



- 12.1inch touch screen
- High resolution
- User-friendly software

Accurate blood dispense system

- TEK8510 utilizes advance ceramic sample rotator valve platform to accurately segments blood with high precision.



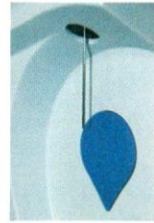
Original Reagent

- Only 3 types: Sheath Hematon, Enzyme Detergent and Complex Cell Hemalyse.
- High quality original reagent ensure high accuracy.
- More than one year expiration time.



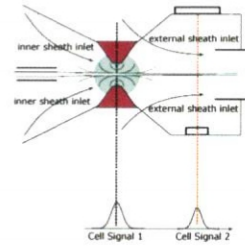
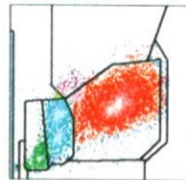
Prediluted

- Prdiluted reagent function



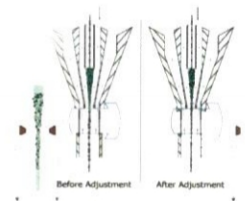
Superior ability to flag abnormal cells

- Utilizing laser scatter technology and histochemistry method, TKE8510 can identify abnormal and suspect information and flag the abnormal cells to help decide if the sample needs recount



Dual Sheath Flow Cell System and Intelligent Sample Treatment System

- Dual sheath flow system reduces the velocity gap between sheath flow and blood cells, ensuring a more stable signal.



Pre-heater

- Utilizing spiral reagent thermostat system to preheat the reagent, the instrument can reduce the influence of temperature on tests



Convenient sample results review
- 200,000 sample results with numeric and graphical information can be searched, monitored, analyzed and printed conveniently. Eight methods to review the test results are provided for the operator's option



Communication
-4USB, COM, LIS

Net Weight
-Only 28kg



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