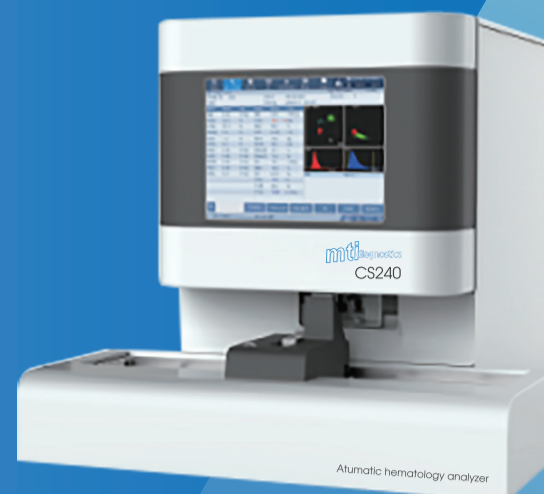


# CS240

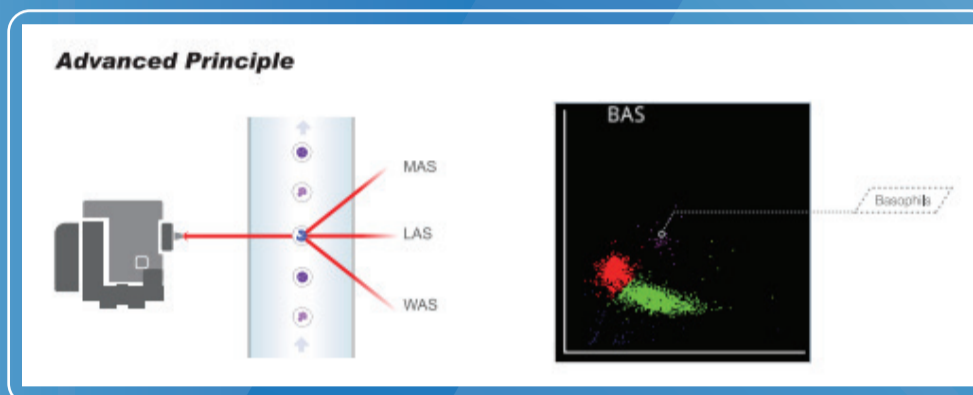
CS240 automatic hematology analyzer is a very compact 5 part diff instrument.

Ensuring efficiency and accuracy, guaranteeing reliability and robustness, CS240 becomes the indispensable hematology analyzer for your laboratory.



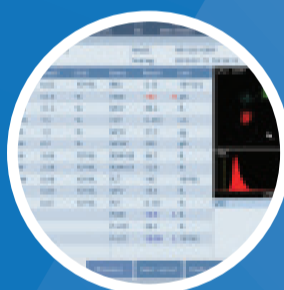
## AUTOMATIC HEMATOLOGY ANALYZER

- 25 PARAMETERS
- 2 specific parameters: HS-CRP, FR-CRP
- 10 RESEARCH PARAMETERS
- 5 PART DIFFS



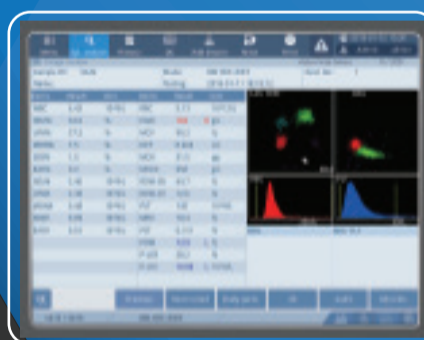
## ADVANCED PRINCIPLE

- Tri-angle laser scatter + flow cytometry + cytochemical staining, achieving a betterment of 5-part WBC differentiation.
- Basophils are counted by laser scatter that detects information about cell volume and cellular complexity & granularity.



## UNIQUE COMPREHENSIVE CLINICAL INFORMATION

- 5 - Part WBC differentiation
- 25 parameters
- 2 specific parameters: HS-CRP, FR-CRP
- 2 Scattergrams, 2 histograms.



## User-friendly Design

- Compact design
- High resolution 10.4 inch touch screen
- Multi-language operating interface
- Large storage capacity up to 200000 samples
- Closed tube for STAT samples
- Rotate the tube automatically, avoid barcode scanning error
- Reagents could be stored in the instrument to save space



## Excellent Performance

- 60 Test/Hour
- Only 35µl sample volume for CBC + Diff

**mti**diagnostics

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- **Parameter:**  
25 reportable parameters: WBC, BASO#, NEUT#, ESO#, LYM#, MON#, BASO%, NEUT%, EOS%, LYM%, MON%, RBC, HGB, MCV, MCH, MCHC, RDW-CW, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, PLCC.  
2 specific parameters: HS-CRP, FR-CRP  
10 research parameters: Blast#, Blast%, ALM#, ALM%, IMM#, IMM%, Left# Left%, NRBC#, NRBC%  
2 scattergrams, 2 histograms
- **Test Principle:**  
Semiconductor laser flow cytometry + Cytochemical staining + Impedance method for WBC differential  
Cyanide-free colorimetry for hemoglobin test  
Impedance method for RBC and PLT counting
- **Throughput:**  
CBC+DIFF: 60 samples per hour  
CRP + CBC + DRIF: 60 samples per hour  
Capability: 5 racks with total 50 samples
- **Sample mode:**  
Whole blood mode  
Micro-WB mode  
Pre-dilute mode
- **Sampling type:** Manual or automated sampling (Auto-loader is optional)
- **Data Storage Capacity:** At least 200.000 results
- **Data System:** RJ45 network interface, USB interface, Support bi-direction LIS
- **Power Consumption:** 210VA
- **Dimension (DxWxH):** 681mm x 556mm x 532 mm (with auto-loader), 520mm x 380 mm x 532 mm (without auto-load)
- **Weight:** 48kg (with auto-loader), 40kg (without auto-loader)
- **Include CRP unit:** 51kg (with auto-loader), 43kg (with auto-loader)
- **Option:** Auto loader



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**CS240**



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