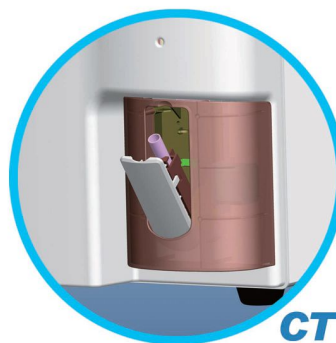


**Hemax** 530  
HEMAX 230



**coming soon**  
CT System

## 5-Diff Auto Hematology Analyzer

### Featrues

WWW.INSIGNIABIOMEDICAL.COM

29 parameters, 1 3D scatter diagram, 3 scatter diagram, 3 histograms

Throughput : 60T/H

20µL for whole blood mode & pre-diluted mode

Storing 100,000 samples with all parameters ,Scatter diagram & Histogram

5 reagents ,Low reagent consumption,more economical

## Performance & Specifications:

**Parameters:** WBC 5-differential , 29 parameters, 3 scatter diagram and 3 histograms(WBC、NEU#、Lymph#、Mon#、Eos#、Bas#、NEU%、Lymph%、Mon%、Eos%、Bas%、RBC、HGB、HCT、MCV、MCH、MCHC、RDW-SD、RDW-CV、PLT、MPV、PDW、PCT、P-LCR 1 scatter diagram , 3 histograms).

**Research parameters:** ALY#、ALY%、LIC#、LIC%

**Principle:** Semiconductor laser flow cytometric analysis + cytochemical dyeing method ( WBC+5DIFF ), automatic pulse resistance method ( WBC/RBC/PLT ), Cyanide free colorimetric method ( HGB ).

**Throughput:** 60T/H, automatic sleep and wake up function.

**Sample volume:** Whole blood , capillary blood, prediluted capillary blood 20 $\mu$ L.

**Alarm:** Perfect alarm system make instrument attain optimal condition.

## Performance:

Item	Repeatability	Lineary Range
WBC	$\leq 2.0\%$	0.0~300 $\times 10^9$ /L
RBC	$\leq 1.5\%$	0.0~8.5 $\times 10^{12}$ /L
HGB	$\leq 1.5\%$	0~250g/L
MCV	$\leq 1.0\%$	40~150fL
PLT	$\leq 4.0\%$	0~3000 $\times 10^9$ /L

**Carry Over:** RBC,WBC,HGB < 0.5%,PLT < 1.0%.

**Operating Interface:** Colorful windows, friendly multi-language operation interface

**Information system communication:** Bidirectional transmission of LIS system, support for remote maintenance and updating;

**Self checking system:** full automatic maintenance and visible self-checking function, intelligent self- fault diagnosis, one key fault clearance function;

**Print mode:** English printouts, various report frames

**Reagent system:** Close reagent system. No cyanogens reagents.

**Connection port:** LPT port, VGA port, USB

**Operating environment:** Temperature 10 $^{\circ}$ C~32 $^{\circ}$ C.

**Relative Humidity:** 10%~90%

**Power supply:** 100V ~ 240V, 50/60Hz,  $\leq 250$ VA

**Dimension:** 380mm $\times$ 450 mm  $\times$  535 mm

**Weight:** 42Kg

**Storage:** Automatic storing 100000 samples with all parameters and diagrams.

**Control mode:** L-J、X、X-R and X-B

**Calibration mode:** Automatic and manual calibration, providing matched calibrator.

**Sample input mode:** manually, optional barcode reader



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