

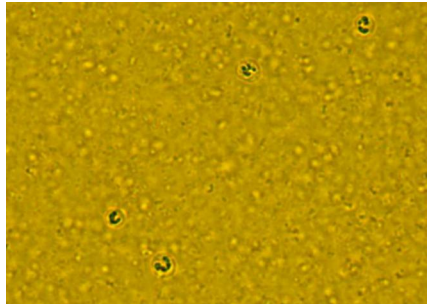
EHBT-25

Cell Morphology Analyzer

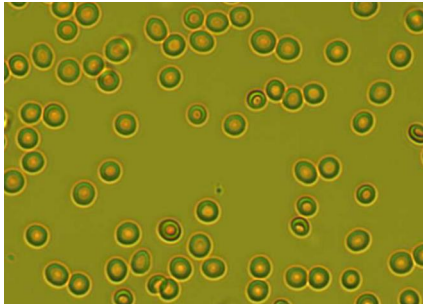
3-Diff Hematology Analyzer

AI Empower Primary Diagnosis

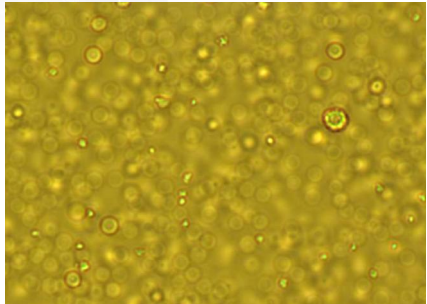
- Our AI algorithm was recognized at the 2022 WAIC and has been deeply trained on **40 million** samples, ensuring exceptional reliability in recognition
- Based on cell morphology imaging technology, it can identify the **size, shape, and structure** of cells, enabling better detection of abnormal cells and other formed elements



WBC



RBC



PLT



Maintenance Free

Individual test kit, no pipeline design



Accurate

More intelligent and informative results than traditional methodologies



Economic and Affordable

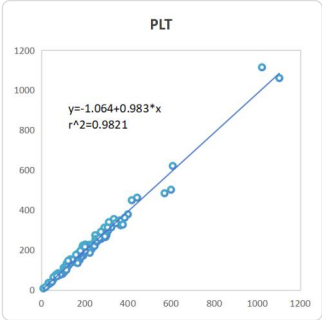
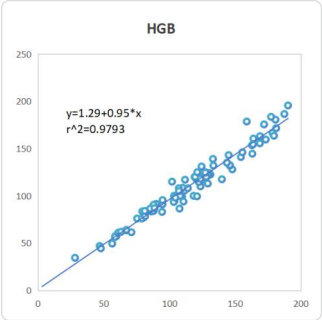
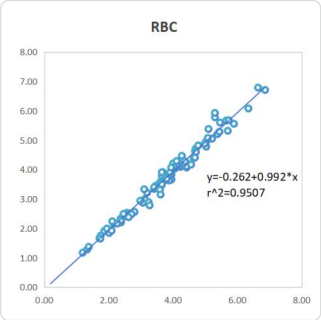
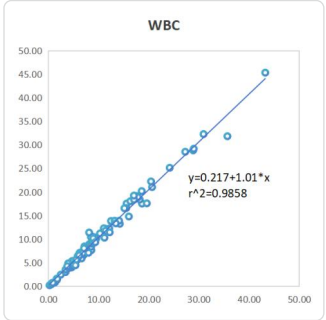
Room temperature storage



Compact

Compact size for multi-application scenarios

Lab-Grade Results



Linearity

Parameters	Linearity Range	Allowable Deviation	R ²
WBC	1.0 ~ 10.0*10 ⁹ /L	Within ±0.5*10 ⁹ /L	≥0.990
	10.1 ~ 99.9*10 ⁹ /L	Within ±5%	≥0.990
RBC	0.30 ~ 1.00*10 ¹² /L	Within 0.05*10 ¹² /L	≥0.990
	1.01 ~ 7.00*10 ¹² /L	Within ±5%	≥0.990
HGB	20 ~ 70g/L	Within ±2g/L	≥0.990
	71 ~ 200g/L	Within ±3%	≥0.990
PLT	20 ~ 100*10 ⁹ /L	Within ±10*10 ⁹ /L	≥0.990
	101 ~ 999*10 ⁹ /L	Within ±10%	≥0.990

Precision

Parameters	Detection Range	CV
WBC	3.5 ~ 9.5*10 ⁹ /L	≤6.0
RBC	3.8 ~ 5.8*10 ¹² /L	≤3.0
HGB	115 ~ 175g/L	≤2.5
PLT	125 ~ 350*10 ⁹ /L	≤10.0
HCT/MCV	35~50% (HCT)	≤3.0
	82~100fL (MCV)	≤3.0

Parameters

3-Diff CBC	WBC, GRAN#, LYMPH#, MID#, GRAN%, LYMPH%, MID%, HGB, RBC, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PCT, MPV, P-LCC, P-LCR, PDW and 3 histograms (WBC, RBC, PLT)
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Specifications

- Principle:** Cell morphology, photoelectric colorimetry
- Sample Type:** Capillary/venous whole blood
- Quality Control:** Dry-type QC card
- Dimensions:** 360mm x 290mm x 400mm (L x W x H)
- Operation Temperature:** 5°C-40°C
- Communication:** LIS, USB port
- Display:** 10.1-inch touch screen

- Throughput:** 12 samples/hour
- Sample Volume:** 40µL
- Calibration:** Manual calibration
- Weight:** 8.1kg
- Humidity:** 20%-80%
- Power Supply:** AC100-240V, 50/60HZ
- Printer:** Thermal printer (optional)

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