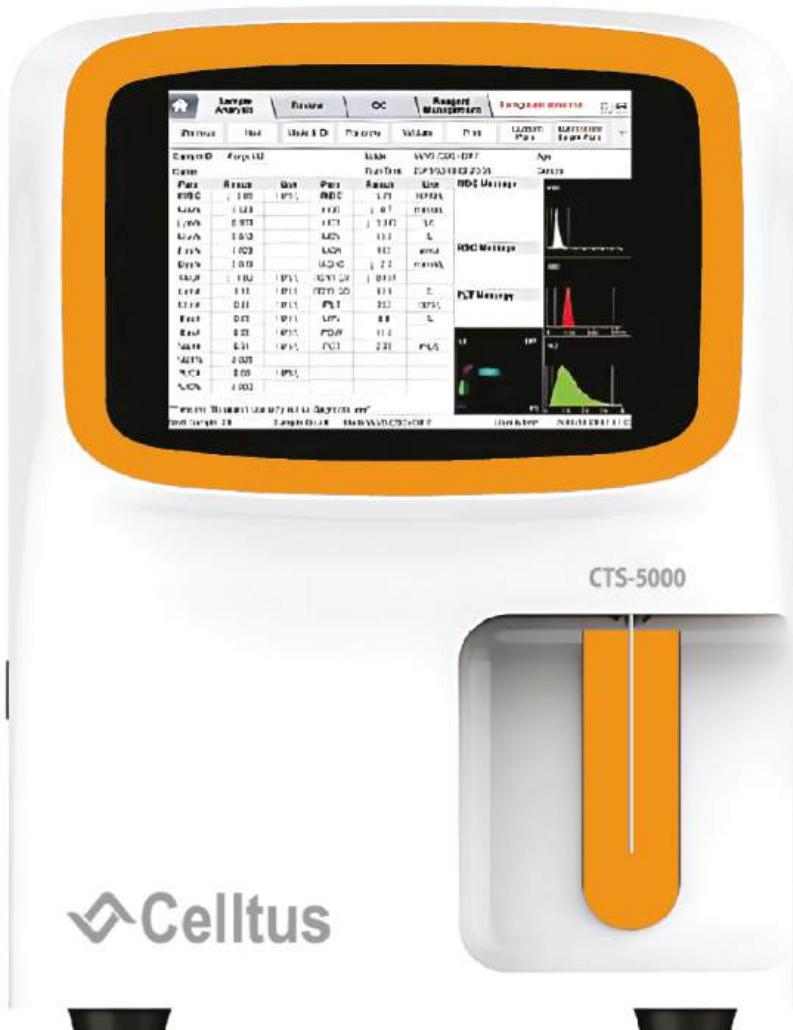


CTS-5000

Automated Hematology Analyzer



Quality Component
from World's best
manufactures



Powerful Capability
of flagging
abnormal cells



Tri-angle laser
scatter



Ultra low
sample volume

CTS-5000

Automated Hematology Analyzer

Technical Specification

- ◆ The Analyzer is a Quantitative, Automated Hematology Analyzer
- ◆ 5- Part Differentiation.
- ◆ 29 Parameters
- ◆ 2 Measurement Mode: CBC and DIFF+CBC
- ◆ Three Chamber
- ◆ Sampling Volume $\leq 20\mu\text{L}$
- ◆ Up to 60 samples per hour
- ◆ 4 Reagent: Diluent, LH Lyse, LD Lyse & Probe Cleanser
- ◆ Low cost of per test
- ◆ 14 inch, high resolution (1366*768) touch screen
- ◆ Tri-angle laser scatter and Flow cytometry technology
- ◆ Net Weight 45 Kg

◆ Repeatability	Linearity
WBC $4\sim 15 \times 10^9/\text{L} \leq 2\%$	$(1.0\sim 10.0) \times 10^9 / \text{L} \pm 5\%$
RBC $3.5\sim 6 \times 10^{12}/\text{L} \leq 1.5\%$	$(1.10\sim 7.00) \times 10^{12}/\text{L} \pm 0.5\%$
HGB $110\sim 180\text{g/L} \leq 1.5\%$	$(71\sim 240\text{g/L}) \pm 0.2\%$
MCV ($70\sim 120\text{fl}$) $\leq 1.0\%$	$0\sim 67\% \pm 2\%$
PLT $100\sim 500 \times 10^9/\text{L} \leq 4.0\%$	$(101\sim 999 \times 10^9/\text{L}) \pm 8\%$
◆ Up to 100,000 samples storage	
◆ Whole blood mode, Prediluted mode and Capillary whole blood mode	
◆ Counting Parameters:	
WBC, Lym#, Mon#, Neu#, Eos#, Bas#, Lym%, Mon%, Neu%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PDW, MPV, PCT, LIC%, LIC#, ALY%, ALY#, P-LCC, P-LCR	
◆ 3 histogram & 1 Differential Scattergram , alarm for abnormal Erythrocytes, Leukocyte and Platelet throughput	
◆ Various external printer supported	

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