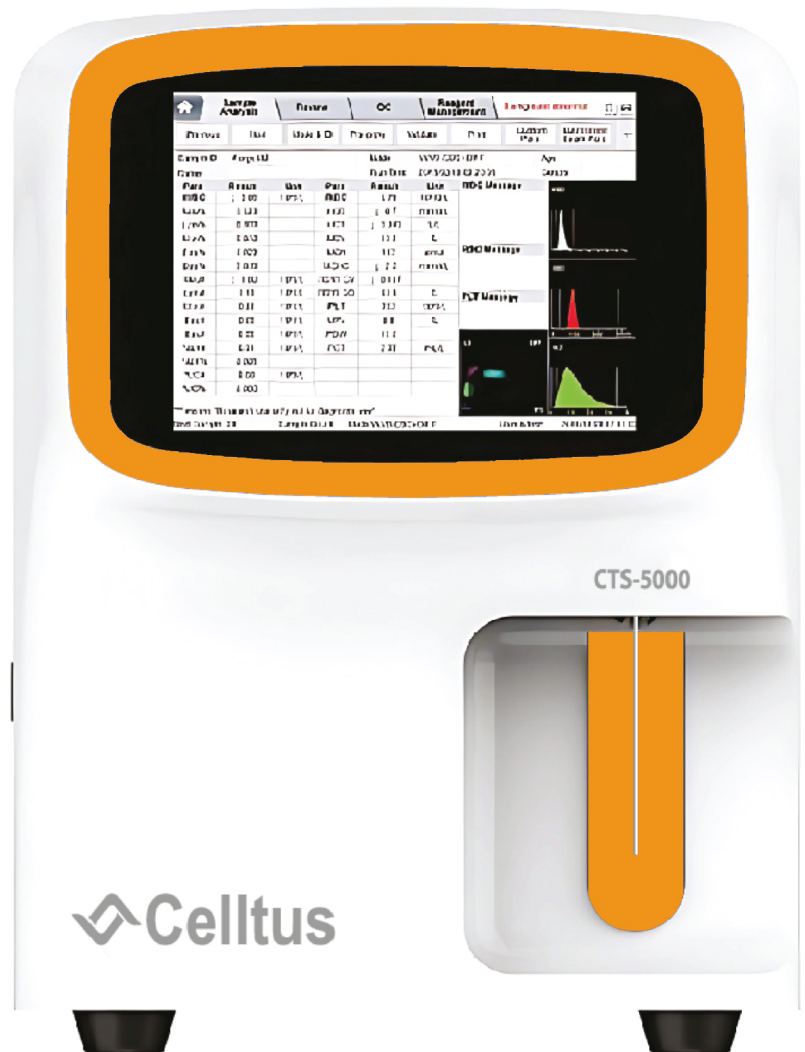


CTS-5000

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

WBC $4\sim 15 \times 10^9/\text{L} \leq 2\%$

RBC $3.5\sim 6 \times 10^{12}/\text{L} \leq 1.5\%$

HGB $110\sim 180\text{g}/\text{L} \leq 1.5\%$

MCV (70~120)fl $\leq 1.0\%$

PLT $100\sim 500 \times 10^9/\text{L} \leq 4.0\%$

◆ Linearity

$(1.0\sim 10.0) \times 10^9 /\text{L} \pm 5\%$

$(1.10\sim 7.00) \times 10^{12}/\text{L} \pm 0.5\%$

$(71\sim 240\text{g}/\text{L}) \pm 0.2\%$

$0\sim 67\% \pm 2\%$

$(101\sim 999 \times 10^9/\text{L}) \pm 8\%$

- ◆ 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

 **Celltus Biotech Co., Ltd.**

Address: 08924, Santa Coloma de Gramenet Barcelona, Spain.

Tel: 678332618, Fax:0034930184020

Email: info@celltus.com.es

Website: www.celltus.com.es