

Technical Specifications

Performance	Specification & Features		
Parameters	<p>WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.</p> <p>8 research parameters include LIC%, LIC#, ALY%, ALY#, NRBC%, NRBC#, NLR,PLR</p> <p>3 histograms for WBC, RBC and PLT</p> <p>1scattergrams(3D) for DIFF</p> <p>4 scattergrams(2D) for DIFF and BASO</p>		
Principles	<ul style="list-style-type: none">• Tri-angle laser flow cytometry analysis for WBC, DIFF and BASO counting• Electrical impedance method for RBC, PLT counting• Cyanide-free reagent for HGB with colorimetric method		
Sample Volume	Whole blood 16 µL, Capillary 16 µL, Pre-diluted 20 µL		
Reagent	Hd500 20L Diluent, HL500 Lyse 500mL/1L, Hc310 Cleaner 50mL		
Performance	Parameter	Linearity Range	Precision (CV %)
	WBC(10 ⁹ /L)	0.0-500	≤3.0% (3.50~7.00)
			≤2.5% (7.01~15.00)
	RBC(10 ¹² /L)	0.0-8.5	≤1.5% (3.5~6.5)
	HGB(g/L)	0-250	≤1.5% (100~180)
	PLT(10 ⁹ /L)	0-4000	≤5.0% (100-500)
			≤1.0% (70~120)
Control and Calibrator	PA-50D, PA-CAL PLUS		
Throughput	60 samples per hour		
Data Storage Capacity	100,000 results including results and histograms 60 QC files (100 data per file)		
Interface	12 inch colorful touch screen		
Operating Environment	Temperature : 15°C~32°C Humidity : 30% RH~85% RH: Air pressure : 70 kPa~106 kPa		
Dimension and Weight	501(D)x320(W)x502.5(H), Weight: 29.3kg		

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LABCOUNT 5
5-Part Hematology
Analyzer

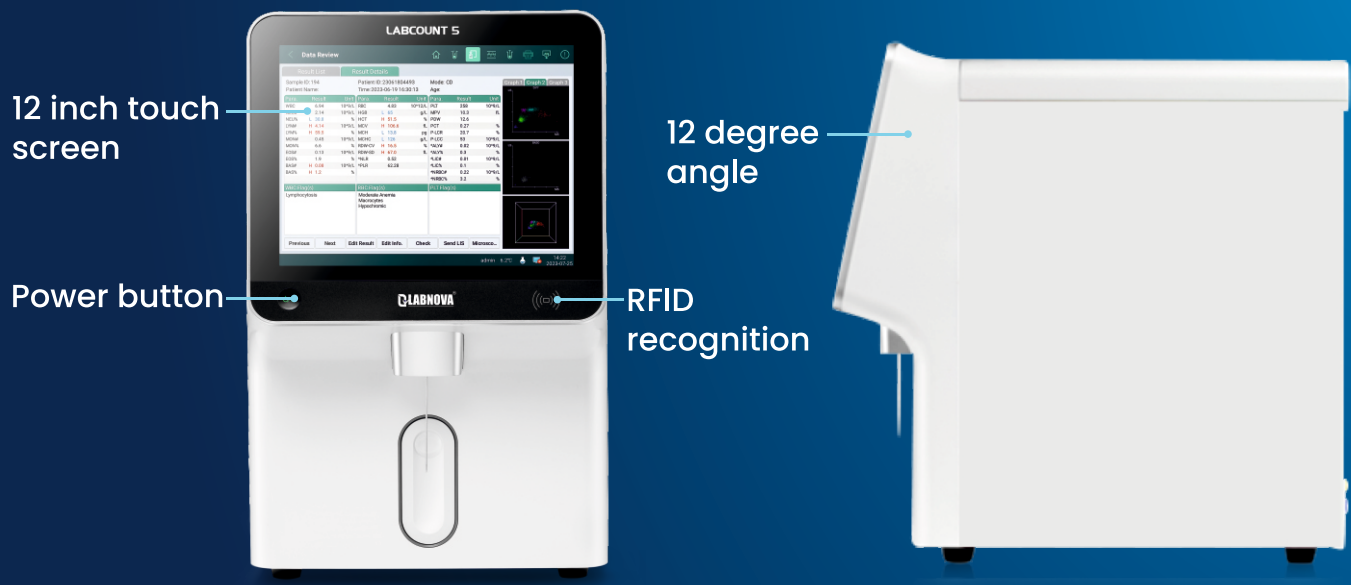
ELEGANT DESIGN AS USUAL

At LABCOUNT 5, we are a new player in the IVD field, while we are well known around the world for the excellence of our medical products. We are a successor in hematology, whereas we are not a follower. We are, as USUAL, to provide professional service and trustable performance to reshape your experience.

We are on a journey to understand your needs, solve your challenges and provide a better solution. Our fundamental goal is to make sure our products truly meet your needs without generating an extra burden. And this is about design.

A good design includes everything, which influences the entire user experience. Our answer is Elegant Design as USUAL.

Within our Elegant Design concept, we are emphasizing five tenets to enhance your experience.



- USER**
Design with user-oriented
- SPACE**
Design to suit your surroundings
- OUTLINE**
Design to simplify your operation
- SERIAL**
Different model tailored to your needs
- LIFESPAN**
Design for long product life

LABCOUNT 5

5-Part Hematology Analyzer

BRIGHTEN YOUR HEMATOLOGY LIGHTEN YOUR WORK

People who work in the laboratory deserve great respect and attention. It's a challenging job with a high workload and fast response. Every day, with patients and physicians counting on you, you have no space for error and hardly have time to breathe, so you have to be focused at all times. Having the right instrument is the ultimate solution.

We invent the requirements and explore the pain points to develop a new concept in hematology. The hematology approach has been in the market for decades, but many challenges haven't been tackled. Adapted to the fundamental but significant appeal points, the LABCOUNT 5 series can well suit your needs.

The LABCOUNT 5 series are positioned in low to moderate volume laboratories, committed to lightening your work with an enjoyable experience. Equipped with an integrated, intuitive operation system, it brings a reliable system with clinical values and effective cost control. The LABCOUNT 5 series is tailored to you.

FREE YOU WITH MAXIMUM UPTIME

DETAILS THAT LIGHTEN YOUR WORK



12-inch colorful touch screen

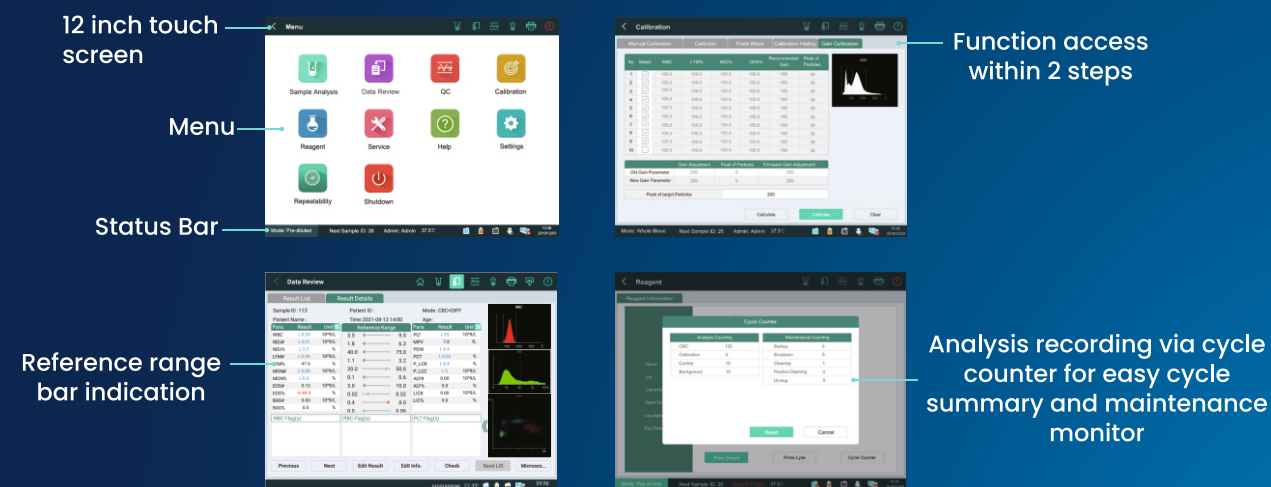


Reagent management via RFID card
secure your reagent business



16 microliter of sample aspiration

INTUITIVE SYSTEM THAT SIMPLIFIES YOUR HANDLING



The system that stands out

The LABCOUNT 5 features a whole set of user-oriented functions that are hard to find elsewhere. Its android-based system has a similar experience as a smartphone – pleasure-to-operate and easy-to-use. You can get to any functionality within two steps. The 12-inch colorful touch screen makes working with H60S and viewing its results exceptionally straightforward.

Outstanding graphic interface

The user interface is undoubtedly the most visible and best-appreciated feature of the LABCOUNT 5 series. Different set-up views, each optimized for various user situations, facilitate routine use. The most common include a sample view showing classic graphs and all parameters within one page. The other sample view features the most practical reference bar display that indicates the results' status. The comprehensive information on the short-cut menu bar and status bar give you fast access to any primary function.

Communicate and print like never before

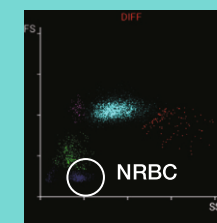
An integrated workstation with the HIS and LIS connections further streamlines analysis and reporting. Standardized HL7 protocol and storage capacity extends up to 100,000 easily accessible sample files. The print function has the most flexible options that allow you to print individual sample results and control tests, L-J graphs, or QC lists with any parameters selection.

SENSITIVE FLAGGINGS THAT ASSIST YOUR INSIGHTS

NRBC

NRBC PRESENCE FLAGGING

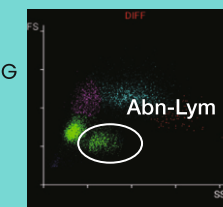
REMAND TO CORRECT WHITE BLOOD CELL COUNTS BY SMEAR



ALY

ABNORMAL LYMPHOCYTE FLAGGING

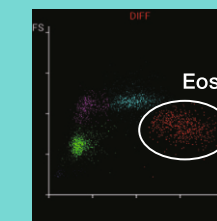
SUSPICIOUS OF VARIANT LYMPHOCYTES AND MALIGNANT LYMPHOCYTES



EOSINOPHILIA

HIGH SPECIFICITY ON EOSINOPHIL

GREAT DIFFERENATION ON EOSINOPHILIA SAMPLES

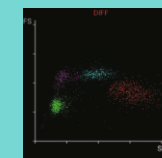


DIFF

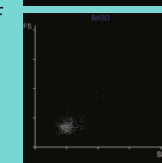
10 DIFF PARAMETERS

HIGH CLUSTERING OF 5-DIFF TWO 2D SCATTERGRAMS

HIGH SENSITIVITY FLAGGIN



DIFF



BASO

IG

IG PRECENSE FLAGGING ASSEMENT OF SEPSIS AND INFLAMMATION

COMPRISED OF METAMYELOCYTES, MYELOCYTES & PROMYELOCYTES

