



Efficiency Matters

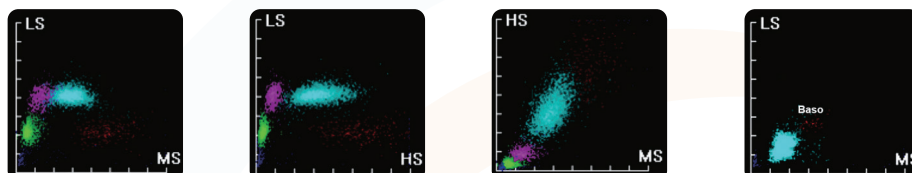
BE TOMORROW READY



Efficiency Matters

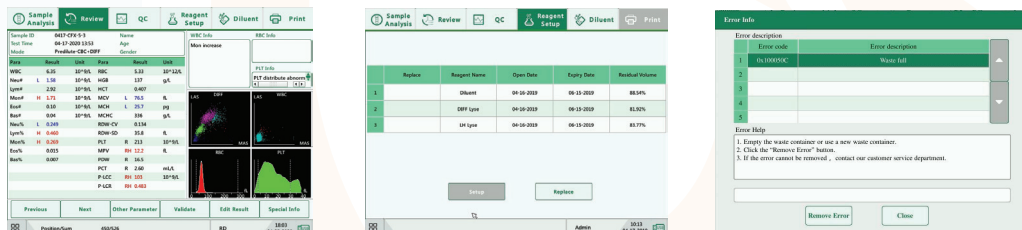
Technology

- Gold standard flow cytometry
- Innovative Tri-angle (LS- Low angle, MS -Mid angle, HS- High angle) laser scattering
- Basophil differentiation by laser scattering



Intuitive Software

- Offering flag information for better diagnosis
- Automatic monitoring of reagent status
- Smart Maintenance with one click for troubleshooting

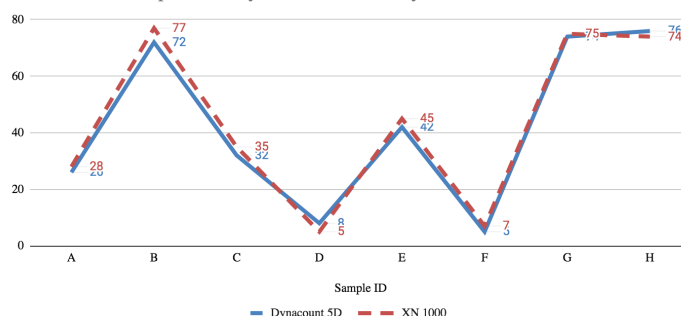


Accuracy and Reliability

- Guaranteed Integrity of results

Comparison with DxH800					
Parameters	Number of Samples (Total)				%Correlation
	Normal	Low	High	Total	
WBC	480	17	69	566	98.60%
EOS %	509	0	57	566	96.00%
BASO %	530	0	36	566	97.80%
MONO %	469	0	97	566	95.00%
LYM %	440	99	27	566	96.80%
Neu %	518	16	32	566	98.40%
RBC	435	124	7	566	97.00%
PLT	406	123	37	566	96.50%
HB	294	251	21	566	98.00%

Low Platelet Comparison : Dynacount-5D with Sysmex XN 1000

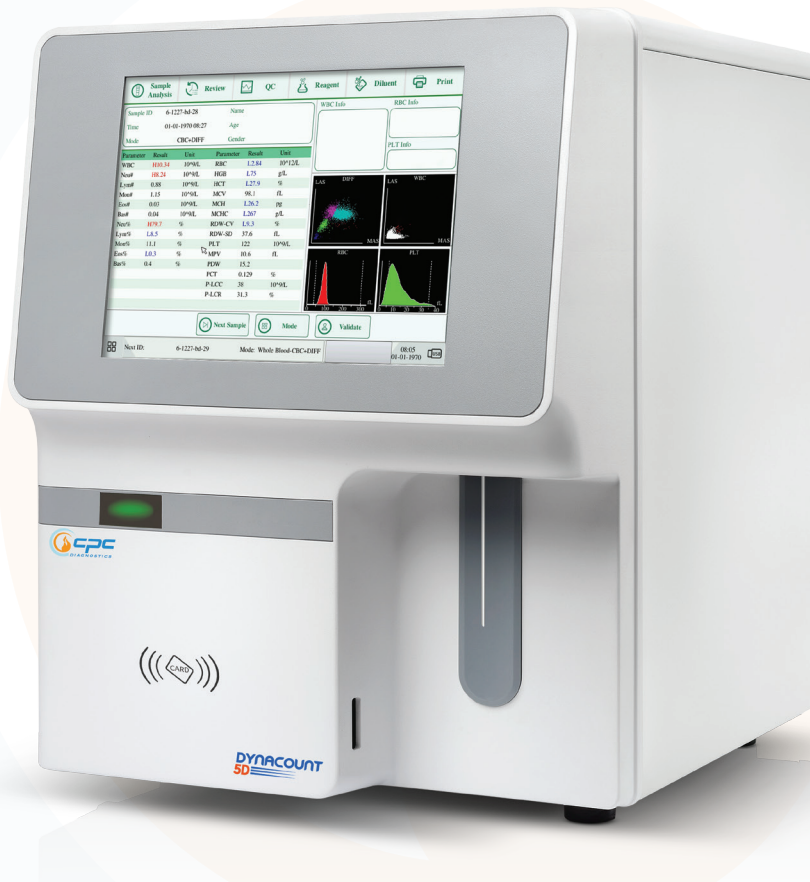


Graph representing good low platelet comparison with XN1000

Table showing the validation study performed against DXH800 , indicating excellent correlation

DYNACOUNT 5D

Fully Automated 5 part Diff Hematology Analyzer



Efficiency Matters

- **Inbuilt LCD Display** : Convenience of usage
- **Minimum Footprint** : No space constraints
- **3 Reagents for testing** : Advanced technology
- **Robust Hardware** : Trouble free and Easy Maintenance

Throughput

60 samples per hour

Parameters

Routine

25

WBC (Neu%, Lym%, Mon%, Eos%, Bas%, Neu#, Lym#, Mon#, Eos#, Bas#)

RBC (HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD)

PLT (MPV, PDW, PCT, P-LCR, P-LCC)

Research parameters

4 (ALY%, LIC%, ALY#, LIC#)

Graphics

2 histograms for RBC and PLT , 4 Scattergrams for WBC differential

Sample Volume

Whole blood - 20 µL , Prediluted mode - 20 µL

Analysis mode

CBC, CBC + Diff

Display

10.4-inch touch screen LCD

Data Storage

50,000 Samples results with Scattergrams and Histograms

Quality Control

3 level QC, LJ, XB

Foot print

430mm(L) X 350mm(W) X 435mm(H)

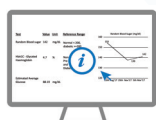
Performance Characteristics

Parameters	Precision (CV)	Linearity
WBC	$\leq 2.0\%$	(0-100.0x10 ⁹)/L
RBC	$\leq 1.5\%$	(0-8.00x10 ¹²)/L
PLT	$\leq 4.0\%$	(0-1000x10 ⁹)/L
MCV	$\leq 1\%$	(0-250)f/L
HGB	$\leq 1.5\%$	(0-250)g/L

Miscellaneous

LIS connectivity

Bidirectional



ready*

Yes

CPC Lab Manager



*(CPC Lab Manager is our inhouse Laboratory Information System)

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