

Specifications

Parameters

25 Reportable Parameters: WBC, LYM#, MOD#, NEU#, EOS#, BAS#, LYM%, MOD%, NEU%, EOS%, BAS%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC
 Research Parameters: ALY%, ALY#, IG@, IG#
 2 histograms and 2 scattergrams

Performance

Parameter	Precision	Linear Range	Contamination Rate
WBC	≤2.0% (3.5-15.0x10 ⁹ /L)	(0-100.0x10 ⁹ /L)	≤0.5%
RBC	≤1.5% (3.0-6.0x10 ¹² /L)	(0.10-8.00x10 ¹² /L)	≤0.5%
HGB	≤1.5% (100-180)g/L	(0-250)g/L	≤0.6%
MCV	≤1.0% (70-120)fL	-	
PLT	≤4.0% (150-500x10 ⁹ /L)	(0-1000x10 ⁹ /L)	≤1.0%

Principle

Flow cytometry and multi-angular laser scattering, Electric impedance method and colorimetry

Small

Make your desktop more spare and neat
 Integration built-in design of reagents can maximum hold 1L-DIFF lyse and 500ml LH lyse in the same time

Sample Volume

Prediluted Mode 20μL
 Whole blood Mode 18μL

Efficient

60 samples per hour

Storage

Up to 50,000 results including histograms, and patient information.

Compatibility

External printer
 4 USB, 1 LAN support protocol HL7 and compatible with LIS system
 Accompanying quality control material

Reagent

DILUENT 20L
 Build-in LYSE: DIFF LYSE 1L, LH LYSE 500ml
 E-Z CLEANER 500ML(Optional)

Display

10.4 inch colorful LCD touchscreen,
 10°incline adapt to visual observation

Environment

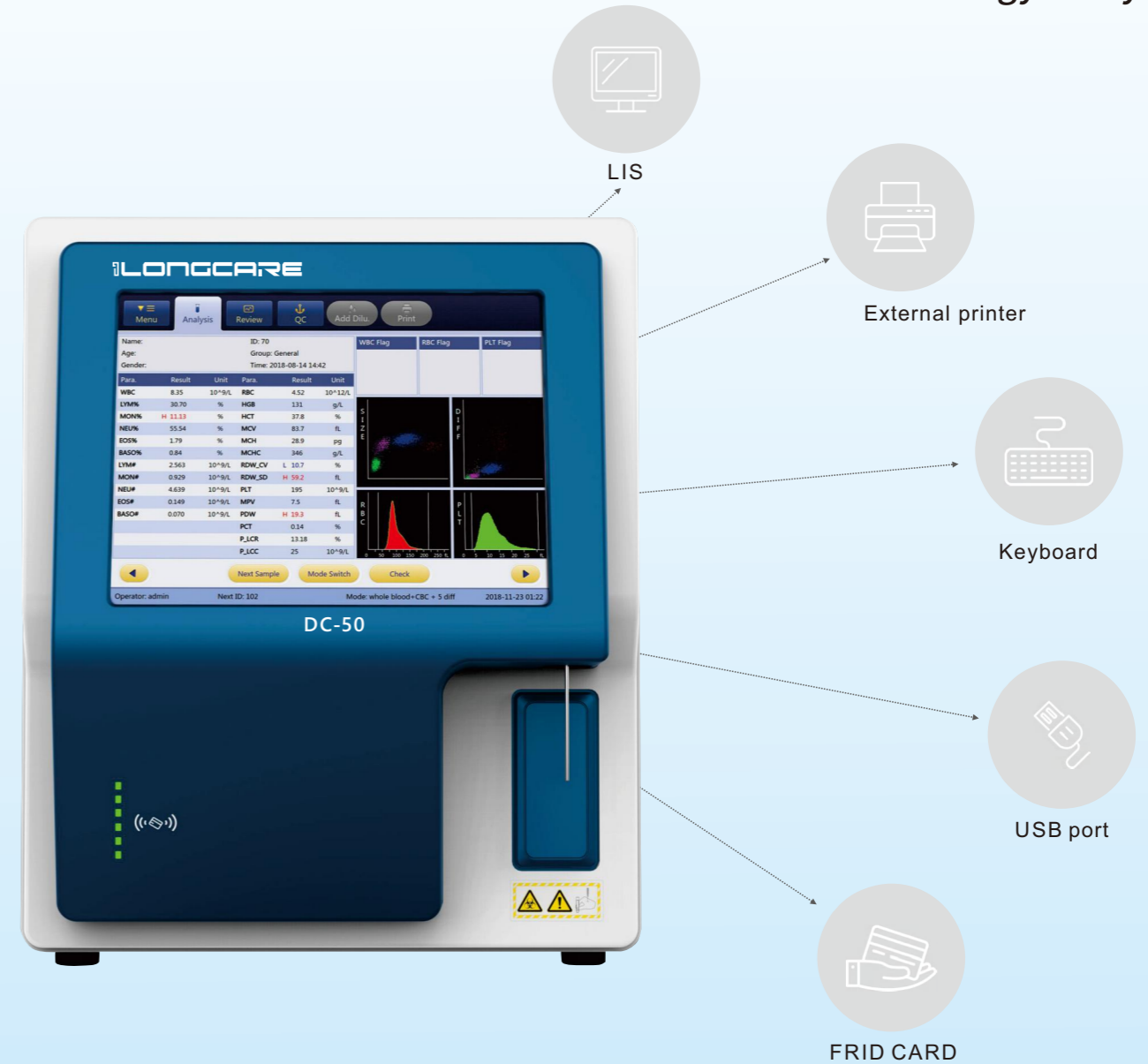
Working Voltage: AC 100V~240V, 50~60Hz
 Rated power: 100~120VA
 Working Temperature: 10°C~40°C
 Relative humidity: 20%-85%

Dimension and Weight

Dimension:
 400 mm (H) x 285 mm (W) x 400 mm (H)
 Weight: ≤25Kg

LONGCARE

DC-50 Auto Hematology Analyzer



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3
Reagents
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25
Reportable Parameters
- 

60
Samples Per Hour
- 

10.4"
Display
- 

25
KG

