Technical Specifications

Methodology	High Performance Liquid Chromatography (HPLC)
Test Modes	Variant Mode，Thalassemia Mode
Test Range	3% ~ 20%
Precision	CV<1.5%
Test Speed	Variant Mode:58s Thalassemia Mode:350s
Reagent Kit	Eluent A: 800mL, 1600mL
	Eluent B: 800mL
	Eluent C: 800mL
	Eluent D: 800mL
	Hemoglystic L: 5000mL
Sample Volume	5 uL
Hemoglobin Interferences	No interference from variants E,D,S,C,J,Hb Barts,HbH,HbCS
	No interference from HbF up to 15%
Sample Rack	Normal Sample Rack, Anemia Sample Rack, QC Rack, Calibrator Rack
Auto Sample Station	110 Positions +1 STAT Position
Display	10.1" TFT True Color LCD Touch Screen
Storage	20,000 Sample Results
Connection	Rs232, USB, LIS Compatible
Barcode Scanner	Internal Barcode Scanner or Handheld Barcode Scanner
Printer	Internal Thermal Printer and External Laser Printer
Temperature	Storage Temperature 0℃~55℃, Operating temperature: 10℃~30℃
Humidity	‹93%
Dimensions	772mm ×730mm ×729mm
Weight	62KG

H100 PLUS

Lifotronic
— Caring for Better Life —

Hemoglobin Analyzer (HPLC)

(SSE: 688389)

The H100 Plus system

A Better Choice for Advanced Laboratories!

01/ Accurate

Superior Automatic Sample Mixing

● Advanced up down mixing technology, imitating manual mixing process, eliminate the effects of different RBCs deposition situation, no interference for total area.

Optimized High-pressure Column & Newly Designed Filter

● Improve the efficiency of impurities interception

● Great microspheres generate excellent performance

02/ Efficient

Quick Start

● Warm up within 5 mins

Fast detection speed

● Only 350 sec required for accurate thalassemia detection

Large capacity reagent kit

● Reduces the frequency of reagent replacement

03/ Innovative

Automatic record number of tests

● Convient for customers analyze tests and business situation

04/ Intelligent

360° Internal Barcode Scanner

● Increase the sensitivity of recognition and reduce the missing scanning rate significantly

Linux system, stronge plateform

● Linux system is equipped with user-friendly operation interface

Automatic identify sample types

● No extra operation required, save the time and efforts for large sample volume detection

H100

Hemoglobin Analyzer (HPLC)
H100

H100 Plus Hemoglobin Analyzer (HPLC)