

## About skyla

skyla, derived from the Latin word "scilla", meaning "passionate and energetic", in such a way we focus to deliver reliable technological opportunities to the healthcare industry. skyla belongs to the Lite-On Corporate Group, with multidisciplinary expertise in optics, mechanical, electronic, materials, chemistry biotechnology and medical engineering. Guaranteeing the development of high quality innovative medical products.

Visit us at [www.skyla.com](http://www.skyla.com)



**LITEON<sup>®</sup>**

-  [www.skyla.com](http://www.skyla.com)
-  +886.3.611.8511
-  +886.3.579.5353
-  [support@skyla.com](mailto:support@skyla.com)
-  8, Dusing Road, Hsinchu Science Park,  
Hsinchu 300, Taiwan



## skyla HB1

POC Clinical Chemistry Analyzer

Chosen for Excellent Health Guardian



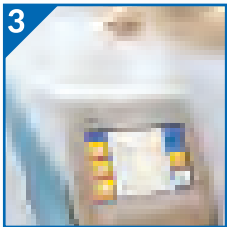
skyla HB1 POC Clinical Chemistry Analyzer

The skyla HB1 Clinical Chemistry Analyzer, together with its HB1 reagent disc series, offers a quick, easy and accurate method to measure various biochemistry and electrolyte parameters in whole blood, plasma, or serum.



Simple 3-Step Procedures

The device provides fully automatic procedures to test samples with only three steps.



- Step1. Inject 200 µl blood sample  
Step2. Press “START” and then insert reagent disc  
Step3. Read the results

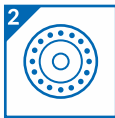


Fully

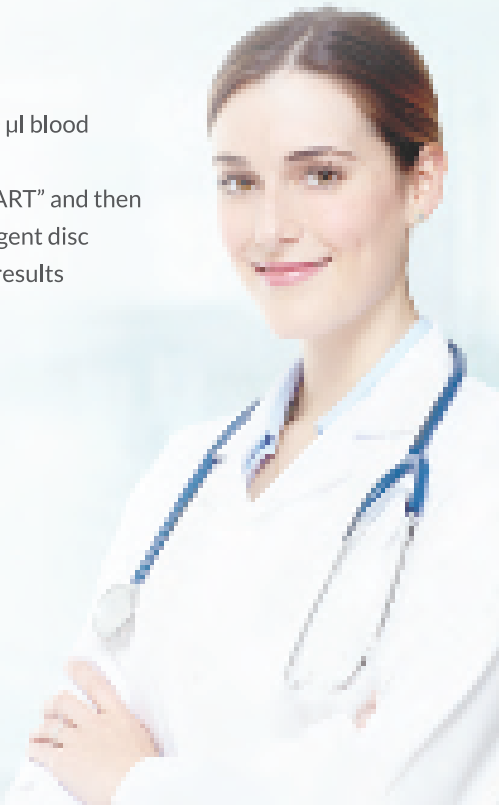
Automated

Operations

All steps are designed automatically from checking the validity of reagent discs and cartridges to printing the results.



- Step1. Barcode Reading  
Step2. Centrifuge and Dilute  
Step3. Panel / Cartridge Internal Quality Control  
Step4. Reaction and Multiple Detections  
Step5. Analysis  
Step6. Display and Print Results



Test Profiles

General Biochemistry Panel (12)	ALB, ALP, ALT, AST, BUN, CREA, GGT, GLU, TBIL, TC, TP, UA, A/G#, eGFR#, GLOB#
Basic Biochemistry Panel (7)	ALB, ALT, BUN, CREA, GLU, TP, UA, A/G#, eGFR#, GLOB#
Metabolic Panel (13)	ALB, ALT, AST, BUN, CREA, GLU, TP, UA, Ca, Cl, K, Na, PHOS, A/G#, eGFR#, GLOB#
Liver Panel (9)	ALB, ALP, ALT, AST, DBIL, GGT, GLU, TBIL, TP, A/G#, GLOB#, IBIL#
Renal Panel (10)	ALB, BUN, CPK, CREA, GLU, Ca, Cl, K, Na, PHOS, eGFR#
Lipid Panel (4)	GLU, HDL, TC, TG, LDL#, VLDL#
ER Panel (13)	ALT, AMY, AST, BUN, CPK, CREA, GLU, LIPA, Ca, Cl, K, Na, PHOS, eGFR#
ER Panel II (9)	ALB, ALT, AMY, AST, BUN, CREA, GGT, GLU, TBIL, eGFR#
ER Plus Panel (9)	BUN, CREA, GLU, Na, K, Cl, CPK, CRP, tCO2, eGFR#
ER Panel II Plus (10)	ALB, ALT, AMY, AST, BUN, CREA, CRP, GLU, GGT, TBIL, eGFR#
ER Panel III (12)	ALT, AMY, AST, BUN, CREA, CRP, GLU, GGT, LIPA, Na, K, TBIL, eGFR#

The subject maybe change without notification. \*Mark refers to under development



All-in-one Device

The device combines biochemistry and electrolyte test functions, which helps users save time, space and money.



15 min Test Time

Results in 15 minutes. The device supports 23 test parameters with fast and accurate analysis.



Built-in Centrifuge

Whole blood sample can be measured without pre-treatment.



Multi-parameter Testing

The device allows 23 test parameters with fast and accurate analysis.



User Friendly Interface

Five inch color LCD touch screen and multiple languages function allow users to operate the system easily and enhance user experience.



200µl Micro Sample Size

The whole blood, serum or plasma is accepted. A full biochemistry profile test only needs 200µl of blood. No sample preparation is required when testing whole blood.



Reliable Test Results

Internal Quality Control (IQC) with self-calibration of optical system, chemicals stability and interference alerts functions monitor and ensure the results with high accuracy.



PC Software for Test Results Management

skyla provides self-developed software for users to conveniently manage patients' test results in PC.



Large Memory Storage

The device has internal storage capacity of up to 50,000 patient records.



Easy to Carry/ Only 5.5kg

The device is designed in portable and space saving ways with only 5.5kg.

Total Available Parameters — Offer biochemistry and electrolyter test functions

- ALB, ALP, ALT, AST, AMY, BUN, CREA, GLU, TBIL, DBIL, GGT, TP, CPK, TG, TC, HDL, UA, LIPA
  - Na, K, Cl, Ca, PHOS, Mg
- A/G#, eGFR#, GLOB#, IBIL#, LDL#, VLDL# (#Calculated)
  - CRP\*, tCO2, LAC\* (\*Under development)

Main Specifications

Principle	
Colormetric Method	LEDs 340nm~940nm wavelength
Sample & Panel	
Test Profiles	Panels
Measurement Time	Panel: up to 15 tests/ 15 min
Sample Type & Volume	200 µL Whole blood (PCV<60%), plasma or serum
Device	
User Interface	5 inch color LCD touch screen
Internal Memory	Store up to 50,000 analysis results
Printer	Built in thermal printer or external USB printer (PCL 3GUI)
USB Socket	USB type A (Host) for external USB Printer, USB flash drive (FAT) or external barcode scanner
Data transmission to PC	RS232 serial port or RJ45 (LAN)
Dimensions	233 (W) X 285 (D) X 300 (H) mm
Weight	5.5 kg
Operating Condition	
Temperature / Humidity	10 to 32°C / 5 to 90 %