

## 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.

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# skyla® HB1

## POC Clinical Chemistry Analyzer

Chosen for Excellent Health Guardian



# skyla® HB1 POC Clinical Chemistry Analyzer

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 Steps



## Fully Automated Operations



- 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

**200µL Micro Sample**  
Whole blood, serum or plasma is accepted. No sample preparation is required.

**13.5 min Rapid Test Time**

**Up to 25 test items**

**All-in-one Device**

**PC Software for Test Results Management**

**Measurements of high accuracy**  
Internal Quality Control (IQC) with self-calibration of optical system and interference alerts function.

**Connective HIS/LIS**

**User Friendly Design**  
Touch Screen · Multi-Language

**Large Memory Storage**  
50,000 Records

**Easy to Carry – 5.5kg**

## Available Items

(# Calculated)

Renal Function	BUN, CREA, eGFR <sup>#</sup> , UREA <sup>#</sup>
Liver Function	ALB, TP, ALP, ALT, AST, TBIL, DBIL,GGT, LDH, GLOB <sup>#</sup> , A/G <sup>#</sup> , IBIL <sup>#</sup>
Lipid Metabolism	TG, TC, HDL, LDL <sup>#</sup> , VLDL <sup>#</sup> , NHDL <sup>#</sup> , TC/HDL <sup>#</sup>
Pancreatitis Markers	AMY, LIPA
Carbohydrate Metabolism and Others	GLU, CPK, UA
Inflammatory Markers	CRP
Electrolytes	Na, K, Cl, Ca, PHOS

## Test Profiles

Test profiles are subject to change without notice. (# Calculated)

General Biochemistry (12+4)	ALB, ALP, ALT, AST, BUN, CREA, GGT, GLU, TBIL, TC, TP, UA, A/G <sup>#</sup> , eGFR <sup>#</sup> , GLOB <sup>#</sup> , UREA <sup>#</sup>
Basic Biochemistry (7+4)	ALB, ALT, BUN, CREA, GLU, TP, UA, A/G <sup>#</sup> , eGFR <sup>#</sup> , GLOB <sup>#</sup> , UREA <sup>#</sup>
Liver Panel (9+3)	ALB, ALP, ALT, AST, DBIL, GGT, GLU, TBIL, TP, A/G <sup>#</sup> , GLOB <sup>#</sup> , IBIL <sup>#</sup>
Liver Focus Panel (5+1)	ALT, AMY, AST, CREA, LIPA, eGFR <sup>#</sup>
Renal Panel (10+2)	ALB, BUN, Ca, Cl, CPK, CREA, GLU, K, Na, PHOS, eGFR <sup>#</sup> , UREA <sup>#</sup>
Renal Focus Panel (6+2)	BUN, CREA, K, Na, TP, UA, eGFR <sup>#</sup> , UREA <sup>#</sup>
Metabolic Panel (13+4)	ALB, ALT, AST, BUN, Ca, Cl, CREA, GLU, K, Na, PHOS, TP, UA, A/G <sup>#</sup> , eGFR <sup>#</sup> , GLOB <sup>#</sup> , UREA <sup>#</sup>
Lipid Panel (4+4)	GLU, HDL, TC, TG, LDL <sup>#</sup> , VLDL <sup>#</sup> , NHDL <sup>#</sup> , TC/HDL <sup>#</sup>
Cardiovascular Panel (8+5)	CREA,GGT, GLU, HDL, K, Na, TC, TG, eGFR <sup>#</sup> , LDL <sup>#</sup> , VLDL <sup>#</sup> , NHDL <sup>#</sup> , TC/HDL <sup>#</sup>
Urgency Panel (12+2)	ALT, AST, BUN, Ca, CREA, CRP, GLU, K, LDH, Na, TBIL, TP, eGFR <sup>#</sup> , UREA <sup>#</sup>
ER Panel (13+2)	ALT, AMY, AST, BUN, Ca, Cl, CPK, CREA, GLU, K, LIPA, Na, PHOS, eGFR <sup>#</sup> , UREA <sup>#</sup>
ER Panel III (12+2)	ALT, AMY, AST, BUN, CREA, CRP, GGT, GLU, K, LIPA, Na, TBIL, eGFR <sup>#</sup> , UREA <sup>#</sup>
ER Panel II L (11+2)	ALB, ALT, AMY, AST, BUN, CREA, CRP, GGT, GLU, LIPA, TBIL, eGFR <sup>#</sup> , UREA <sup>#</sup>

## Main Specifications

Colormetric Method	LEDs 340nm~940nm wavelength
Dimensions and Weight	233(W) x 285(D) x 300(H) mm, 5.5kg
Hardware	5 inch color LCD touch screen, thermal printer, RS232, RJ45, USB 2.0 - 4 ports Master (support Wi-Fi dongle 802.11 b/g/n).