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®
The sky’s the limit



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skyla® HB1

POC Clinical Chemistry Analyzer

Chosen for Excellent Health Guardian



skyla® HB1 POC Clinical Chemistry Analyzer

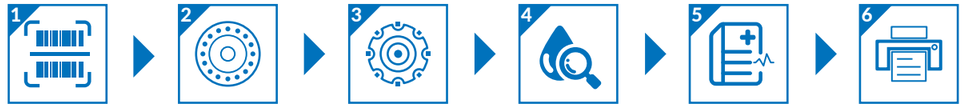
skyla® HB1 Clinical Chemistry Analyzer, together with its HB1 reagent disc series, offers a quick, easy and accurate method to measure various biochemistry and electrolyte parameters in whole blood, plasma, or serum.



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.

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

13.5 min Rapid Test Time

Connective HIS/LIS

Up to 25 test items

User Friendly Design
Touch Screen、Multi-Language

All-in-one Device

Large Memory Storage
50,000 Records

PC Software for Test Results Management

Easy to Carry – 5.5kg

Available Items

(# Calculated)

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

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).