

# skyla HB1 CLINICAL CHEMISTRY ANALYSER



available for hire or purchase for your clinical trial.

## OVERVIEW

The Skyla HB1 Clinical Chemistry Analyser is compact and suitable for bench top use. The analyser has a colour LCD touch screen, is easy and quick to operate and requires no specialised training.

The Skyla HB1 has built in QC and calibration for each test with precision equal to a larger laboratory analyser. Performing up to 15 biochemistry tests simultaneously producing highly accurate test results in 15 minutes.

The Skyla HB1 provides accuracy at Point of Care making it ideal for use in Clinical Trials.

## OPERATING FEATURES

- Compact, benchtop size
- Performs up to 15 biochemistry tests simultaneously
- No sample pre-treatment
- Stores up to 50,000 results
- Almost no maintenance required
- Built in printer with 58mm width paper
- Single use reagent disc with test panels available
- Precision equal to a larger laboratory analyser
- A fully automatic system with walk away operation
- Samples & Regent: Whole Blood, Plasma, Serum 200µl
- 20µl (10%)
- Principle:
  - Test Method - Optical Absorption, End-Point, Kinetic
  - Photometric System: 340nm ~ 940nm wavelengths
  - Assay Accuracy - Follows CLIA and CLSI standards
- Reagent Disc - Single use, self contained reagent.
  - Up to 15 assays in a rotor, different panel for different assay.
- Reagent QC and Calibration - contained within built in reagent disc.
- Dimensions & Weight: 300mm h x 223mm w x 285mm d, 5.5kg
- Power Supply: AC adaptor Input: 100~240V, 50/60Hz, Rating 1.4A. Output: 12V/5A

## SPECIFICATION

- Parameters Available: ALB, ALT, AST, TBIL, DBIL, GLU, CHOL, TG, HDL, CREA, BUN, UA, TP, GGT, K<sup>+</sup>, AMY, CPK, LIPA, ALP, Ca<sup>++</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, PHOS, eGFR\*, IBIL\*, LDL\*, VLDL\*, GLOB\*, A/G Ratio\* (\* calculated).
- Panels Available:
  - General Panel** - ALB, ALP, ALT, AST, BUN, CREA, GGT, GLU, TBIL, CHOL, TP, UA, A/G ratio, eGFR, GLOB
  - Metabolic Panel** - ALB, ALT, AST, BUN, CREA, GLU, TP, UA, Ca<sup>++</sup>, Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, PHOS, A/G ratio, eGFR, GLOB
  - Metabolic Panel 2** - ALT, AST, GGT, GLU, CHOL, TG, VLDL
  - Basic Biochemistry Panel** - ALB, ALT, BUN, CREA, GLU, TP, UA, A/G Ratio, eGFR, GLOB
  - Liver Panel** - ALB, ALP, ALT, AST, GGT, GLU, TBIL, TP, DBIL, A/G Ratio, GLOB, IBIL
  - Renal Panel** - ALB, BUN, CREA, CPK, GLU, Ca<sup>++</sup>, Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, PHOS, eGFR
  - Lipid Panel** - GLU, HDL, CHOL, TG, LDL, VLDL
  - ER Panel** - ALT, AST, BUN, CREA, CPK, GLU, Ca<sup>++</sup>, Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, PHOS, AMY, LIPA, eGFR
  - ER Panel 2** - ALB, ALT, AMY, AST, BUN, CREA, GGT, CLU, TBIL, eGFR



Please contact us for a quotation for the hire or purchase of this product.



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