



KKLABS KSABA-7 Semi Automatic Biochemistry Analyzer



✓ Product Description

The KLABS Semi Automatic Biochemistry Analyzer is designed for reliable clinical biochemistry testing with advanced photometric analysis, touchscreen operation, and multi-method testing capability. It is suitable for routine laboratory applications with high accuracy and user-friendly operation.

✓ Features

- Real time, colored graph and absorbance
- Window Embedded compact 7
- 7 Inch true color touch screen
- 300 programmable test
- 1000 result storage with editable patient information
- Universal power supply (External power adapter)

✓ Application / Uses

- Clinical laboratories
- Diagnostic laboratories
- Hospital laboratories
- Pathology laboratories
- Routine biochemistry testing
- Research laboratories



TOUCH
SCREEN



ACCURATE
& STABLE



SOFTWARE
CONTROL SYS.



EASY
OPERATION



INBUILT THERMAL
PRINTER

Technical Specifications

Parameter	Specification
Product Name	Semi Automatic Biochemistry Analyzer
Model Number	KSABA-7
Test Method	End Point With Standard/Factor Two Point Kinetics (Fixed Time) Multipoint Kinetics Multi standard up to 8 standards Biochemistry, Dual Wavelength Absorbance Coagulation
Optical System	Principle: Photometric Analysis with Interference Filter
	Absorbance Range: 0.000–3.0000 (Linearity: $\pm 1\%$)
	Repeatability: 0.001
	Resolution: 0.0001 Spectral
	Range Selection: Automatic Via Filter Wheel Wavelengths: 340, 405, 450, 505, 546, 578, 630 nm + 2 Free Positions, ± 2 CMI Precision Light Source: 6 V 10 W Long Life Tungsten Halogen Lamp Detector:
Thermal System	Peltier Regulated 25°C, 30°C, 37°C & Room Temperature
	Accuracy: $\pm 0.3^\circ\text{C}$
Cuvettes	Flow Cell: Quartz 32 μl
	Path Length: 10 mm
	Removable Cuvette (Square and round)
Printer	Inbuilt Thermal Printer (57mm) Optional External Printer
Display & Input System	7.0 inch color touch screen External Keyboard, Mouse facility
Suction System	Pressure Auto releasing Peristaltic Pump Suction Volume: 300 μl to 3.0 μl Air Column facility after each sample to avoid carry over.
Test Parameter, Storage & CPU	Test Parameters: Up to 300, 20,000 test results with editable patient information Storage of Quality Control and standard results DDR2 SDRAM: 1 G bit Flash: 256 MB ARM Cortex A8, 720 MHz
Operating Conditions	Temperature: 10°C–37°C
	Relative Humidity: <85%
Power Requirement	Voltage: 100–240 V AC (Auto Adaptation)
Dimensions	400×300×160 approx
Weight	6kg approx

✓ Accessories

- Printer Paper Roll
- Removable Cuvette
- Optical Mouse
- External Key Board
- AC Adapte