



**ACLABOX-BIOCHEM** is a compact & portable clinical Laboratory with an open system Semi-Auto chemistry Analyzer in a suitcase. This is rugged & maintenance free.

## Features

1. 5-inch Color LCD, Touch screen
2. Flow cell and Cuvette test mode compatible
3. Real time curve showing
4. 5 wavelengths, 80 test items pre-programmed
5. Memory for 10,000 sample results
6. Light source hibernate function making lamp life longer
7. RS232 interface, PC connecting
8. Onboard 4 Hrs power backup

## Technical specification

- Semi-automatic Chemistry Analyzer
- Test mode: Kinetic, End point, Two-point, Absorbance
- Wavelength: 7 std filters, 340, 405, 492,510, 546, 578, 630nm, 1 free position
- Wavelength precision +2nm, width 10nm
- Absorbance range: 0~4.500 Abs
- Absorbance precision outside 0.0001 Abs, de 0.00001 Abs
- Carryover: < 1%
- Repeatability CV:< 1%
- Incubator 37°C, 30°C, 25°C, and others, Precision ±0.1C
- Sample volume: 0~3000ul (50OuL recommended)
- Data Storage 10000
- Quality control curve: XSO CV% quality control curve for each test item
- Flow cell 32-quartz glass, 10mm
- Lamp: Philips 6V 10W Halogen Lamp with longer the time)
- Screen 7-inch color LCD, CPU: ARM series high speed micro-CPU
- Printer: Internal thermal sensitive printer
- Interface RS-232
- Work Environment: Temperature 0°C ~40°C, Humidity: 80%
- Power supply 100-240VAC, 50~60 Hz, 100VA

## Components

- Suitcase
- Semi-Automatic Chemistry Analyzer
- 2-Micropipette (5-50ul& 100-1000ul)
- Mini-Centrifuge
- Small & Large Tips with Tips Box, Centrifuge Tube
- Battery indicator, power Adapter & battery

## Usual Test List

**Liver function:** ALT AST ALP T-BIL D-BIL TP ALB TTT CHE Nh

**Renal function:** BUN CRE UA URE CO2-CP Y-GT

**Lipids:** T-CHO TG HDL-C LDL-C

**Cardiac function:** CK CK-MB LDH

**Immune proteins:** IGA IGG IGM C3

**Others:** GLU HGB AMS

Manufactured By:

**ACCUSTER TECHNOLOGIES PVT. LTD.**

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Available on GeM( Government e-Marketplace)

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