



Semi- Automatic Biochemistry Analyzer FM-SAC-A100

Overview

Semi- automatic Biochemistry analyzer FM-SAC-A100 is the most demanding tool covering wide range of test components. It determines appropriate functioning of liver, kidney, heart, immune system proteins, and lipid profile testing. Measure absorbance ranging from 0 to 4.500 Abs, enabling accurate detection across a broad spectrum of concentrations. Equipped with 10 incubators set at 37 °C with a tolerance of -0.3°C, ensuring optimal conditions for sample incubation. Choose from Kinetic, End Point, Two Point, and Absorbance test modes, offering flexibility for diverse laboratory requirements.

Specifications :

Test parameters	ALT, AST, ALP, T-BIL, D-BIL, TP, ALB, TTT, CHR, Nh3, BUN, CRE, UA, URECO2-CP, ‡-GT, T-CHO, TG, HDL-C, LDL-C, CK, CK-MB, LDH, IGA, IGG, IGM, C3, GLU, HGB, AMS
Incubators	10 (37- 0.3)
Timers	3
Test Modes	Kinetic, End point, Two-point, Absorbance
Test Compatibility	Flow cell and Cuvette
Wavelengths	340, 405, 492, 510, 546, 578, 630nm
Wavelength Precision	-2 nm, width d 10nm
Absorbance Range	0 to 4.500 Abs
Memory	10,000 sample results, 90 test items pre-programmed
Light Source	Lamp hibernating function for longer life
Interface	RS232, PC connecting
Data Storage	e10,000
Absorbance Precision	Outside 0.0001 Abs, Inside 0.00001 Abs
Carry Over	< 1%
Repeatability CV	< 1%
Sample Volume	0-3000 µL (e 500 µL recommend)
Quality Control Curve	X, SD, CV%, L-J quality control curve for each item
Flow Cell	32 µL quartz glass, 10 mm
Lamp	Philips 6V 10W Halogen Lamp
CPU	ARM series high speed micro-CPU
Display	7-inch Color LCD touch screen
Printer	Internal thermal sensitive printer
Working conditions	RS232
Power Supply	Temperature: 0 to 40 , Humidity: d 80%
Dimensions	100 to 240 VAC, 50 to 60 Hz, 100VA
Weight	340 x270 x160 mm

Features :

- Semi- automatic Chemistry analyzer with touch screen interface
- Intuitive operation and clear visualization of results
- Seamlessly switch between flow cell and cuvette test modes
- Efficient data management and retrieval
- Benefit from the lamp hibernate function
- PC Connectivity via RS232 interface

Applications :

Semi- automatic Chemistry analyzer is widely used across healthcare, pharmaceuticals, beverages, environmental monitoring, etc.