



Automatic Chemistry Analyzer FM-ACA-A100

Overview

Automatic Chemistry Analyzer FM-ACA-A100 is fully automatic and capable of performing 800 photometric tests and 1200 ISE tests per hour. Provides rapid test performance with 160 reaction cuvettes, saves time, and improves efficiency. Helpful in transmission or rejection of certain wavelengths of light with a given optical filter. Grants high-speed printing of test results by a cost-effective printer.

Specifications :

Throughput	800 tests per hour 1200 ISE tests per hour
Sample Positions	150
Reagent Positions	180
Sample Volume	1 to 70 μ l
Reagent Volume	10 to 350 μ l
Working Temperature	15 $^{\circ}$ C to 30 $^{\circ}$ C
Humidity	40% to 85%
Water Consumption	< 25 L/H
Cuvettes	160 reusable cuvettes
Optical Length of Cuvettes	6 mm
Light Source	12V/20W Halogen Lamp
Wavelength	12 wavelengths from 340 to 800 nm
Absorbance	0 to 3.5 Abs
Power Supply	220V 50 Hz
Internal Dimensions	1360 x795 x1155 mm
External Dimensions	1729 x969 x1435 mm
Net Weight	290 Kg
Gross Weight	400 Kg

Features :

- Apt for real-time detection of sample volume
- Flexibility in choosing parameters with auto frequency adjustment mode
- Armed with a dual-design washing probe confirms high efficiency
- Built-in sample barcode system that allows sample tracking
- Furnished with a sample probe that has liquid level sensor function
- User-friendly software for easy operation

Applications :

It is widely used to analyze enzymes, glucose, and proteins in various fields such as pharmaceutical industries, clinical laboratories, environmental testing, veterinary medicine, research, and development industries.