

ENZYMES | HORMONES | SUBSTRATES DRUGS | ELECTROLYTES

India's first Semi Auto Analyser with Reagent management and stock notification by email, Automatic download of test parameters from cloud



Photometry

Glass interference filters - 340, 405, 505, 546, 578, 630 + 2 optional
Flowcell: Quartz 32uL volume
Detector: Silicon photodiode
Light source: 6v 10w Halogen lamp
Absorbance resolution: 0.0001 A
Automatic flagging of low absorbance, hyperactive samples and abnormal samples

Processor

Quad core 64-bit ARM-Cortex A72 running at 1.5GHz
2 Gigabyte LPDDR4 RAM options
802.11 b/g/n/ac Wireless LAN
4x USB ports
1x Gigabit Ethernet port

Multi Programming Modes

- | 1000+ test programming slots
- | Supports up to 10 methods
- | Endpoint - With Standard, Factor, Sample blank
- | 2 point Kinetic (Fixed time) - With Standard, Factor
- | Multipoint kinetic - With Factor, Standard
- | Bi-Chromatic and monochromatic reading for Endpoint methods
- | Multi-Standard support for all methods upto 10 Standards
- | Intelligent algorithm that automatically defines the curve as spline / linear / log for MS calibration
- | Supports automatic and manual test programming

Quality Control

- | Supports both Control QC and LAB QC
- | Multi-level QC per test upto 30 normal and abnormal values
- | Levey Jennings (LJ) control plot with Mean, SD, 2SD and SD indication
- | 1000+ QC test slots

Result Management

- | 5,00,000+ result storage memory
- | Display of sample reaction curve for each of the stored results
- | Option for providing patient details to each of the stored result
- | Unlimited test result storage via cloud

Inventory Management

- | Reagent inventory management
- | Automatically manages the reagent consumption and alerts on low stock
- | Stock statement via email and external printer
- | Auto inventory entry for test programs downloaded from cloud

Hardware specifications

DISPLAY

- 7" TFT colour screen with capacitive touch
- External monitor with HDMI connectivity

PRINTER

- Internal 57mm thermal printer
- External printer via USB

PORTS

- Ethernet - 1 port
- USB - 4 ports for mouse, keyboard and external printer*
- HDMI port for external monitor

INPUT

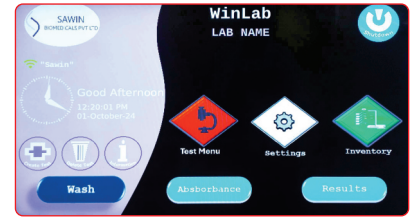
- Touch screen
- Mouse
- Keyboard

WEIGHT : 7 Kgs

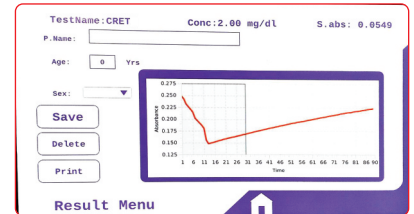
Temperature and Incubation

- | FLOWCELL - PELTIER CONTROLLED 25°C, 30°C, 37°C & Room Temperature
- | INBUILT INCUBATOR FOR 12 SAMPLES WITH TEMPERATURE READY INDICATOR SET AT 37°C

* Technical Specifications are subjected to change without prior notice



Intuitive Interface



Results Screen (with curves)

Sr No	Reagent Name	Test Name	Test Count	Exp Date	Lot #
1	CREA	FAV	0	18-07-25	CR-3467
2	CDPG	EPF	0	18-08-25	GI-8983
3	BICRT		0	18-08-25	QORT-90
4	ALBU		0	18-08-25	ALB-08/24
5	TP	T1	0	18-08-25	TP
6	HBAC	HBAC	90	18-08-25	SMART
7	ABCD	KF	394	25-09-25	ABC-56
8	TEST	EPS	400	30-09-25	1234
9	CREATININE	CRETX	398	30-09-25	ECK-188
10	GLUC	GLUMS	195	30-09-25	GLS-384

Stock Balance updation



External Interface Ports



Internal 57mm Thermal Printer



12 Sample Incubator

Distributor:

Marketed by:

SAWIN BIOMEDICALS PVT LTD

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