Technical Specification

Human Machine Interface	:	TOUCHPANAL / KEYPAD
Linear measurement range	:	0.0000 to 3.0000 Absorbance Units (A)
Photometric Accuracy	:	± 2% or 0.007 whichever is higher, from 0 to 1.5A ± 3% from 1.5A to 3.0A
Drift	:	< 0.007 A/hr
Photometric Linearity	:	2.2 A
Optical measurement	:	Photodiode
Filters: Type of Filter Wave Length Half Bandwidth	 : : :	 Interference 340, 405, 510, 545, 578, 630 and two optional 10nm ± 2nm
Flow Cell : Sipping Volume Flowcell Volume Sipping Mode	 : : :	 500 to 1000µl 18µl Automatic by specially designed Peristaltic pump.
Cuvette Volume	:	500µl
Temperature of Cuvette/ Flowcell: Method Temperature User Defined Temperature	 : : 	 By Peltier effect 25, 30 and 37° C 20° C to 40° C
Light Source	:	Tungsten Halogen
Warm Up Time	:	90 sec
Display	:	5" Graphic LCD, Negative Blue, STN
Printer	:	Built in Thermal Printer
Memory	:	64 KB – Non volatile RAM with Battery backup
Storage Capacity	:	255 Open Tests with 30 QC results for each levels and 2500 Patient results with patient ID (6digits)
Analysis Mode User Defined Modes Pre Defined Modes	 : :	 Absorbance, Kinetic End Point, Differential Ratio, Fixed Time Coagulation ASO, CRP, RF and HBA1C
Concentration Calculations	:	By Factor or by Standard
RS232 serial port	:	9600 baud, 1start, 8 data, 1 stop, no parity bits
Power Wattage Voltage	 : :	 50 Watts 115 - 230 Volts ± 10%, 60 – 50 Hz
Operating Position	:	On Horizontal, flat, rigid, and vibration free surface
Operating Conditions Temperature Relative Humidity	: :	 From ± 18° C to ± 35° C Upto 85%
Storage Conditions Temperature Relative Humidity	: :	 From -10° C to + 60° C Upto 85%
Enclosure	:	ABS Fire retardant
Size (cm)	:	30 x 38 x 13.5 (l x b x h)
Weight	:	5.5 Kg (Approx.)

SYRIS

Syris Biotech Private Limited

Regd. Office: 266 B, VP Block, Pitampura, North-West Delhi, New Delhi - 110034, India

info@syrisbiotech.com | www.syrisbiotech.com

ISO 9001:2015 Certified

SYRIS

Benchmark of testing Perfection

Biochemistry Analyser

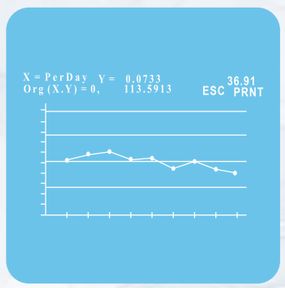
RS-125

Syris Biotech Private Limited

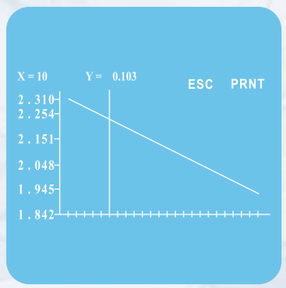
Features

- Effective temperature regulation system with Peltier controlled cuvette / flow cell block.
- Dual reading mode.
- Robust system with built in stabilizer.
- Latest technology with battery back up for 255 tests with 30 results saved in each 3 levels of QC
- Capacity of saving 2500 test results.
- Robust in built 20 Column Thermal Printer with 384 stationary heads.
- Unique circuitry for long lamp life.
- Reliable peristaltic pump with maintenance free operations.
- Sophisticated software for kinetic graph with built in delta calculation for saturated (high).
- samples from graphic display without diluting and rerunning the samples.
- Monochromatic, Bichromatic Measurement.
- Multi Standard Calibration.
- Patients ID entry.
- Editing of saved tests.
- Levy Jennings and standard deviation graphs.
- Optional interface for External Printer.
- Access to Test by Touch of Key.
- Resolution of saving 4 decimal points.
- User defined temperature 20°C to 40°C
- On-line Graph in Fixtime and Kinetic mode.
- Online data output for LIS communication through RS232 Serial port.
- Syroturb option to perform precalibrated key based turbidimetric tests

Flow cell



LJ/SD QC Chart



Online Graph

RS 232 & USB Port

Unique Feature To Measure Test HbA1c & HsCRP

Reagent Features :

- **Ready to use liquid stable reagents**
- **Fine micro size particles that do no down**
- **No calibration required**
- **Save Time & money With Less Errors of Calibration**
- **Accuracy & precision with reliable results**
- **User friendly procedure with 2 step only**
- **Reliable results correlating with HPLC**
- **Convenient pack size**

REAGENT	PACK SIZE (ml)	NO. OF TESTS
HbA1c	05	10
	10	20
REAGENT	PACK SIZE (ml)	NO. OF TESTS
CRP (High Sensitivity)	12.5	25
	25	50
REAGENT	PACK SIZE (ml)	NO. OF TESTS
RF	10	20
	25	50
REAGENT	PACK SIZE (ml)	NO. OF TESTS
ASO	10	20
	25	50