



One Analyzer
for
Biochemistry & Coagulation
Along with
Inbuilt Incubators

Reliable

Robust

Easy Operations

Consistent Performance



Attractive Design
to
Suit your Elegant Lab



Optimized Optical Design

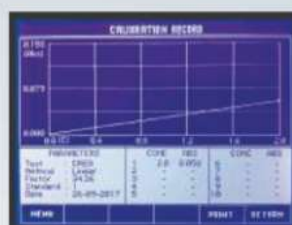
Enable High Sensitive Measurements
in Turbidimetry & Kinetic Assays



QUALITY CONTROL



INTUITIVE USER INTERFACE



CALIBRATION



ERROR DETECTION

Technical Specifications

PHOTOMETRIC MODULE

- ★ Seven Narrowband Interference Filters
- ★ Filter Wavelengths: 340, 405, 505, 546, 578, 630 and 670nm (1 open position for optional filter)
- ★ IAD process ensures long filter life
- ★ Wavelength Accuracy : $\pm 2\text{nm}$
- ★ Silicon Photo Diode detector
- ★ Absorbance Range : 0.0 – 3.0 A
- ★ Resolution : 0.0001 Absorbance Units
- ★ Photometric Drift : $< 5 \text{ mAbs}/30\text{min}$
- ★ CV : $< 1\%$

TEMPERATURE OF FLOW CELL/CUVETTE

- ★ 25°C, 30°C, 37°C
- ★ Temperature Stability : $\pm 0.2^\circ\text{C}$

DISPLAY

- ★ 5.7 Inch LCD display screen
- ★ High Contrast Display

KEYBOARD

- ★ Tactile touch QWERTY keypad

PRINTER

- ★ Internal 57mm thermal printer with full graphics printing

MEASURING MODULE

- ★ Dual mode (Flow cell & Cuvette)
- ★ High quality Quartz flow cell for precise measurements
30 μl Flowcell volume
- ★ Peltier-controlled reaction temperature
- ★ External cuvettes (10mm path length)

UNITS

- ★ 15 pre-defined measurement units

REACTION VOLUME

- ★ Minimum aspiration volume - 300 μl
- ★ Maximum aspiration volume - 5ml

ANALYSIS METHOD

- ★ Endpoint, Fixed time and Kinetic with Multistandard
- ★ Sample blanking and Reagent blanking
- ★ Direct Absorbance measurement mode
- ★ Coagulation Mode (PT / APTT / TT)

TEST PROFILES

- ★ User defined 10 Test Profiles
- ★ 10 tests can be added in each profile

TEST CHANNELS

- ★ 48 dedicated assays
- ★ Direct access keys for dedicated assays
- ★ Open channel capability
- ★ 200 programmable channels

DATA MANAGEMENT

- ★ Storage of up to 10,000 test results
- ★ Stores 30 days QC for each Assay
- ★ Reagent Blank storage

REPORTS

- ★ Search by date, sample ID or Test Name
- ★ Calibration Reports, QC results

INTERNAL INCUBATOR

- ★ Positions : 7
- ★ Temperature : 37 Degree

POWER

- ★ Input Voltage Range : 88 - 264 VAC
- ★ Frequency Range : 47 - 63 Hz
- ★ Power consumption : 75 W max

DIMENSIONS

- ★ Length : 422mm ★ Height : 176mm
- ★ Width : 324mm ★ Weight : 6.5 kg

