

GB - 235

A versatile Clinical Chemistry Analyser



- With**
- Inbuilt Coagulation**
 - Inbuilt Turbidimetry**
 - Inbuilt Digital LED Incubator '15' Positions**
 - Inbuilt Digital Timer**



Genuine Biosystem



A Genuine Service For better Tommorrow



GB - 235

Clinical Chemistry / Coagulation / Turbidimetry.

Technical Specifications

METHODS OF CALCULATIONS

Absorbance
End Point with standard / factor
Kinetics
Fixed time
Differential
Coagulation
Multipoint upto 10 standards

COAGULATION

Operation Mode : Auto / Manual start
Calculation : INR / ISI Value % / Seconds
Parameters : PT / APTT / Fibrinogen
Filter : 405 nm / 630 nm.

OPTICAL SYSTEM

Principle : Absorption spectrometry
Range of measurement : From - 0.1 to 3.0A
Nominal spectral range : Automatic via filter wheel
Filters : 340, 405, 505, 546, 578, 630 nm
and two empty positions.
Bandwidth : 10 nm (± 2 nm)
Light source : Halogen lamp
Zero : Automatic
Settings : Monochromatic and
Bichromatic readings.
Detector : Schottkey type
Photodiode - Silicon

DIGITAL LED INCUBATOR

Heater maintained 37° C Temperatures T₁, T₂, T₃
consists of 5 test tube in each row and 4 position for
P.T cuvettes programmed / RT Accuracy : $\pm 0.2^\circ$ C

POWER / DIMENSIONS

Voltage : 110 / 220 V
Frequency : 50 / 60 Hz
Maximum Power : <110W
Operating Environment : 10° to 40° C
Maximum relative humidity : 80%
Dimensions : 45 cm x 41 cm x 17 cm
Weight : 8 kgs

CUVETTES - DUAL MODE

Flow cell of 16 uL
Removable cuvettes : Macro, Semi-micro & Micro

PRINTER

Type : Rapid Thermal Graphic
Printing speed : 50 mm/sec
Dots per line : 384 dots/line
Paper : Thermosensitive -
57 mm wide, Easy Loading

SCREEN AND KEYBOARD

Screen : Graphics LCD 240 x 128 pixels
Back Light : Blue LED Back lit
Keyboard : Tactile Soft - Touch

SUCTION SYSTEM

Continuous flow system with peristaltic gear pump.
Sipping volume can be programmed from
200 uL to 5.0 ml.

PROGRAMMING

Table of tests : up to 235
Table of units : up to 9 units
Storage Capacity : 1000 Patients Results
Memory : 128 KB EEPROM

QUALITY CONTROL

2 Controls per test - Normal & Abnormal
Levy-Jennings charts & Westgard's rules
Quality control storage of the last 30 results

Technical Specifications subject to change without
prior notice.

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