









VChem⁺

Programmable Biochemistry Analyzer



Your TOUCH.... that matters



-  TOUCH Screen & Key Pad
-  USB port, RS 232 interface
-  250 test can be programmed
-  Patient report with ID and name
-  Peltier controlled effective temperature regulation
-  Testing modes : Flowcell and Cuvette - Turbidimetric test can be performed
-  Coagulation assays can be performed by INR / Seconds, option for editing ISI value
-  2500 hr lamp life



Programmable Biochemistry Analyzer

Technical Specifications

Human Machine Interface : TOUCH PANEL/ KEYPAD
Linear measurement range : 0.000 to 3.000 Absorbance Units (A)
Photometric Accuracy : $\pm 2\%$ or 0.007 whichever is higher, from 0 to 2.0 A,
 $\pm 3\%$ from 2.0 A to 3.0 A
Drift : < 0.003 A/hr.
Optical measurement : Silicon Diode

Filters

Type of filter : Interference
Wave Length : 340, 405, 450, 510, 546, 578, 630 & 700nm
Half Bandwidth : ± 2 nm
Filter Selection : By Stepper motor

Flow cell

Sipping Volume : 200 to 1000 μ l
Flow cell volume : 18 μ l
Sipping Mode : Automatic by specially designed Peristaltic Pump
Cuvette Volume : 500 μ l

Temperature of Cuvette / flow cell Block

Method : By Peltier effect
Temperature : 25° C, 30° C and 37° C
Light Source : 6V / 10W Tungsten Halogen lamp
Warm up Time : 90 Sec.
Display : 5" blue black, Negative STN Display
Printer : Built in 55 mm, stationary head graphical thermal printer
Memory : 64 KB - Non volatile RAM with Battery back up

Storage Capacity : 250 Open tests with 30 QC results/test
(Normal and Abnormal controls) and
2500 Patient results with patient ID

Analysis Mode : Absorbance
End point
Fixed time
Kinetic
Differential
Ratio
Coagulation

Concentration calculation : By factor or by standard

Blanking : Water, Reagent, Serum

Port : RS 232 standard, USB

Power

Wattage : 100 Watts
Voltage : 110-270 Volts $\pm 10\%$, 50-60 Hz
Operating Position : On horizontal, flat, rigid and vibration free surface

Operating Conditions

Temperature : from + 18° C to 35° C

Relative Humidity : up to 85 %

Storage Condition

Temperature : from -10° C to + 60° C

Relative Humidity : up to 85 %

Enclosure : ABS Fire retardant

Size (cm) : 30X38X13.5 (lxbxh)

Weight : 7.0 Kgs. (Approx)



Marketed by:

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