



abaxis healthcare



abachem 300

MORE VALUABLE THAN USUAL

Premium Auto Biochemistry Analyzer

Swipe card reader for florentine ASO,RF,CRP & HbA1C Tests

5" Graphic LCD with colour touch panel

Real time online kinetic graph

Isolated circuit for Lamp protection

Monochromatic and bichromatic measurement

Multi Standard Calibration

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Clinical Chemistry Analyzer

TECHNICAL SPECIFICATIONS

Human Machine Interface	: Touch Panel/ Keypad /EXTERNAL KEY BOARD
Linear Measurement Range	: 0.000 to 3.000 Absorbance unit (A)
Photometric Accuracy	: $\pm 2\%$ or 0.07 whichever is higher, from 0 to 1.5 A $\pm 3\%$ from 1.5 A to 3.0 A
Drift	: <0.007 A/hr.
Photometric range	: 2.2A
Optical Measurement	: Photodiode

FILTERS

Type of Filter	: High quality narrow band interference
Wave Length	: 340, 405, 510, 546, 578 and 630 nm & Two Optional
Half bandwidth	: $10\text{nm} \pm 2\text{nm}$
Filter Selection	: Automatic by Stepper Motor

FLOW CELL / CUVETTE

Sipping Volume	: 300 to 1000 μl
Flow Cell Volume	: 18 μl
Sipping mode	: Automatic by specially designed Peristaltic Pump
Cuvette Volume	: 500 μl
Temperature of Cuvette / flow cell Block	
Method	: By Peltier effect
Temperature	: 25°C , 30°C and 37°C

Light Source	: Tungsten Halogen
Warm up Time	: 90 Sec.
Display	: 5" Graphics LCD, Negative Blue, STN
Printer	: Built in thermal printer, 20 Column

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 (PT, INR)	: e-c mode

Concentration calculation	: By factor or by standard or by electronic calibration
RS232 serial port	: 9600 baud, 1 start, 8 data, 1 stop, no parity bits

POWER

Wattage	: 50 Watts
Voltage	: 115 - 230 Volts $\pm 10\%$, 50 - 60 Hz\

Operating Position	: On horizontal, flat, rigid and vibration free surface Operating Conditions
Temperature	: from $+18^\circ\text{C}$ to 35°C
Relative Humidity	: up to 85 %

STORAGE CONDITION

Temperature	: from -10°C to $+60^\circ\text{C}$
Relative Humidity	: up to 85 %
Enclosure	: ABS Fire retardant
Size (cm)	: 30 X 38 X 13.5 (l x b x h)
Weight	: 5.5 Kgs. (Approx)

Ordering Information :

Product Code : F1010-0162

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