



Clinical Chemistry Systems



Semi - Automatic Chemistry & Coagulation Analyzer



SPECIFICATIONS

Light Source	Pre-Focused halogen lamp with auto sleep function.
Photometric Range	0.000 to 3.000 Absorbance
Detector	Silicon photo diode (340-800 nm)
Photometric Accuracy	+/- 2% or 0.007, from 0 to 1.5 A, +/- 3% from 1.5 A to 3.0 A
Wavelengths	8 Standard Wavelengths :340, 405, 450, 505, 546, 578 , 630, 670 & two optional
Type of Filter	Long life narrow band interference
Incubator	On Board Incubator
Cuvette System	32 ul flowcell , Square cuvette, Coagulation cuvette with adapter
Temperature Control	Peltier regulated, Temperature setting 25 C, 30 C & 37 C
Methods in Memory	Over 180 methods in memory, protected with built in , non serviceable battery
Data Storage	DDR3 SDRAM : 512 MB, FLASH 256MB, Over 3000 Test result in memory
Measurement Procedures	Kinetics : with linearity check, with or without reagent blank, Two points : with or without reagent blank, End point monochromatic or bi-chromatic : with or without reagent blank, Differential, Ratio, Coagulation, Turbidimetry.
Delay/Measuring Time	Programmable 0 to 999 seconds for Kinetics & Fixed Time
Calibration	Factor, One Point, Two Point Multi Point , Automatic on ONE Standard (linear mode), Automatic for up to 7 Standards (non linear mode)
Quality Control	Two controls per test, QC survey of last 15 controls, Levey Jenning Plot.
Aspirator System	Built in peristaltic pump driven by stepper motor (Programmable) Reaction volume : variable 100 to 1000 ul per test. Carryover < 2 %. For sipping volume > 400 ul
Operator Interface	7" TFT LCD with Touch Screen, 800*480 pixels
Printer	Thermal Line Graphic Printer with stationary head, 24 character per line
Signal Interface	USB, RS 232 type serial port & Optional port for External Printer, External Keyboard & Mouse.
Quality	CE
Power Requirements	100-240 VAC 50/60 Hz with ground connection, 60W
Weight	6 KG

*** WITH DEDICATED EVOPAK SYSTEM PACK**

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