

BT 3500



Random Access Chemistry Analyser

- *360 Tests/hr + 190 ISE /hr*
- *Low Reagent Consumption*
- *Clot Detector*



BT 3500

TECHNICAL SPECIFICATIONS

Analysis Type	Clinical Chemistry, Turbidimetric, ISE
Throughput	up to 360 Chem. Tests/hr + up to 190 ISE Tests/hr
ISE Module on board	Yes: Na, K, Cl, CO ₂ (indirect potentiometry)
Number of reagents	80 Total 40 using 50 or 80 ml vessels 40 using 10, or 20 ml vessels
Refrigerated Reagent Bay	Yes
Reaction volume	from 180 to 400 µl
Sample Volume	from 1.8 to 100µl
Reading Cuvettes	45 non-disposable optical glass
Sampling Arms	2 for Serum and Reagents
# of Positions	78 Total 62 Samples – 16 Standards and Controls
Test Modes	Random Access, Batch, STAT
Test Directory	Up to 500
Cuvette Temp. Control	Peltier System OFF/30/32/37°C (± 0.2° C)
Vacuum Pump System	External
Photometer	Solid State 10 Channel + reference channel
Photometer Accuracy	± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)
Photometer Sensitivity	± 0.001 Abs.
Diluter	2 – Long Life Ceramic 340 µl
Diluter Accuracy	± 0.1% f.s.
Diluter Resolution	± 0.1 µl
Bar Code	2 – Reagent and Serum
IBM Computer	Intel Pentium Mobile ® , 1.6 GHz or more
Peripheral Devices	CD-DVD ROM Writer, HD>80 Gb
Monitor	Color LCD 12"
Touch-screen	Yes: Glass Protected
Keyboard	Wireless IBM Compatible
Mouse	Wireless
Process Electronics	12 microcontrollers. I ² CBUS protocol
Software	Windows 2000 ® Pro
Interface	RS232 Bidirectional + USB HUB + LAN + VGA
Built in QC Program	Yes/3 Levels Known, 3 Levels Unknown
Remote Diagnostics (Modem)	Optional
Maintenance	Automatic Program
Power Supply	Universal input 100/240 Volt, 50-60 Hz, 590 Watt, PFC
Dimensions	Height – 27", Width – 40", Depth – 23"
Weight	210 lb (95 Kg)