

## Technical specification:

<b>System</b>	- Random access, Discrete, Floor model	<b>Optical system</b>	- Static Optical fiber transit system 12 wavelength ( 340-750nm) Absorbance Range : 0-5.0 Abs Optical pathlength : 6.1 mm
<b>Throughput</b>	- 400 test /hr	<b>Light source</b>	- 12 V, 20W Halogen & Tungsten lamp
<b>Samples</b>	- 93 samples positions ( Sample, QC, STAT) Sample volume - 2-50µl, 0.1µl	<b>QC/Calibration</b>	- Tri-level QC Multi point calibration modes
<b>Reagents</b>	- R1 - 40 positions R2 - 40 positions Reagent Hydrocooling system (2-8°C)	<b>Operating System</b>	- Window XP or 2000, friendly interface
<b>Probe system</b>	- 2 Independent Reagent Probes, 1 Sample Probe 2 Independent Mixers	<b>Power supply</b>	- 100 to 240 VAC, 50/60 Hz, 1000 VA three-cores power cord, well grounded
<b>Laundry system</b>	- 8 step washing system Spring style internal/external auto cleaning Water consumption - 8Ltr/hr	<b>Dimension</b>	- 95cm (W) x 71cm (L) x 118cm (H)
<b>Detection system</b>	- 90 cuvettes  Reaction time - 8 to 10 minutes Cycle time - 9 sec, 12 sec	<b>Weight</b>	- 160kg
		<b>LIS</b>	- Bidirectional



# Eraichem 4000

Fully Automatic Clinical Chemistry Analyzer



**Floor model, Compact design, Quick Analysis  
Fully Automatic Clinical Chemistry Analyzer**

**Throughput 400 test /hour**

**Easy to operate, Smart system**

**2 Independent Reagent Probes, 1 sample Probe,  
2 Independent Mixers to avoid carry over & cross contamination**

\*Specifications are subject to change without the prior notice of manufacturer.



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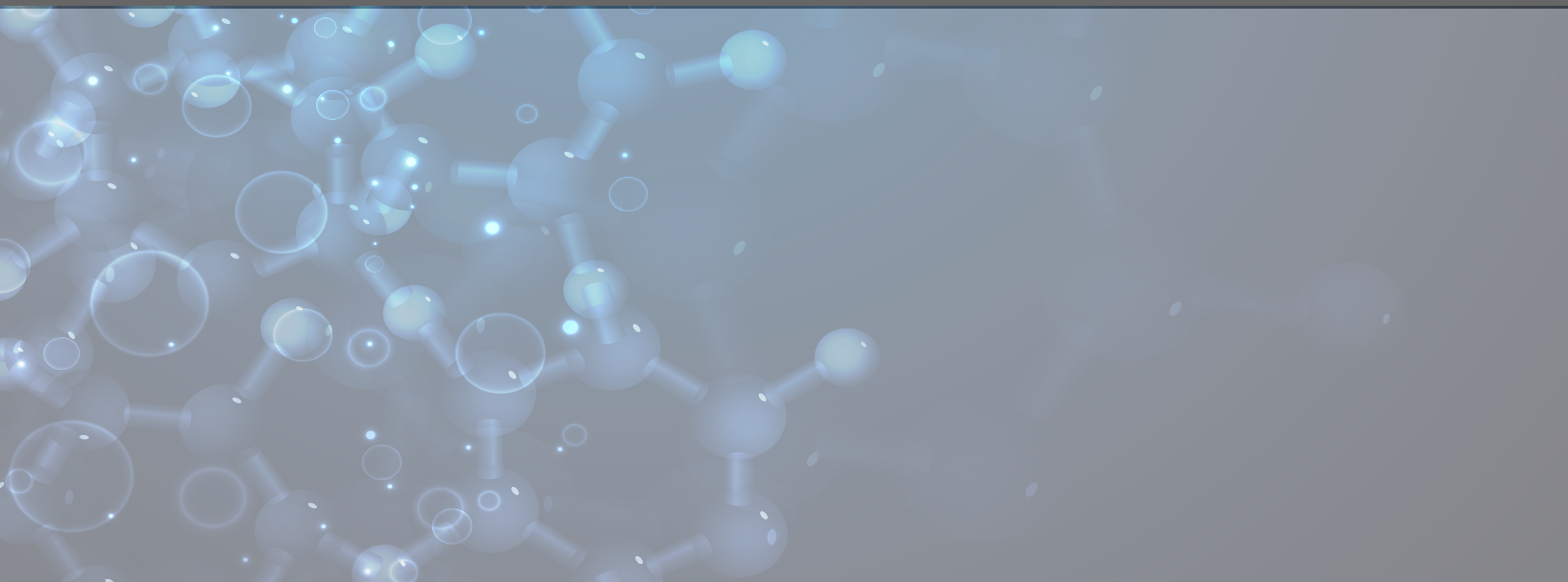
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**Eriachem 4000 is Fully Automatic Clinical Chemistry Analyzer with 400 test/ hour throughput , high performance suitable for mid-size & high workload laboratories.**



#### Sample/Reagent Tray

- 80 Reagent Positions (R1 & R2)
- 93 sample positions-(sample/QC/STAT)
- Sample position capable of loading sample cups & primary tubes
- Onboard Refrigeration facility (2-8)°C for Reagent & Samples



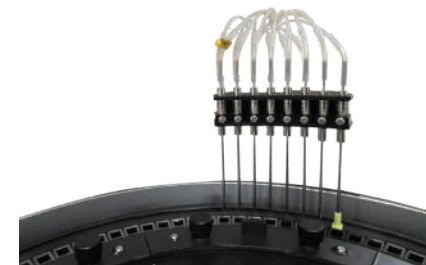
#### Sample / Reagent Probe

- 1 Sample probe and 2 Independent probes for reagents
- Liquid level detection
- Vertical probe anti-collision prevention
- SSC material used in sample & reagent probes



#### Mixer Assembly

- Teflon coated Mixers
- 2 Independent Mixers for high accuracy & precision



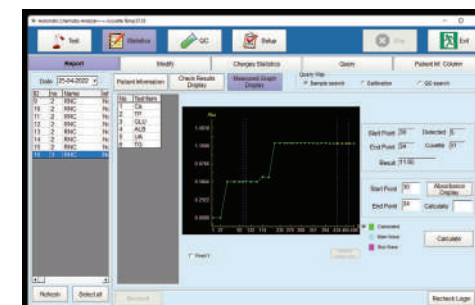
#### Laundry System

- 8 step washing system
- Internal & external Probe auto washing function
- Automatic cuvette dry facility
- Water consumption - 8L/hr



#### Detection & Optical System

- Optical sources- Halogen Tungsten Lamp
- 12 wavelength ( 340-750nm )
- 90 Reaction cuvettes
- Absorbance Range : 0-5.0 Abs



#### QC & Calibration

- Multi QC function
- LJ plots & Westgard rules available
- Optimum calibration curve
- Multi point - Linear, Non- linear Calibration Method



#### Software system

- User convenient software
- Online monitoring of reagent volume
- Online reaction curve monitoring