

Dedicated system packs available for all routine chemistry & turbidimetry tests



## TECHNICAL SPECIFICATIONS

### General Information

Machine Type	Random access Analyzer
Test Speed	200 Tests/ hr
Test Principle	Colorimetric method, Turbidimetry
Test Method	End point, Fixed time, Kinetic

### Sample Unit

Sample Tray	40 Sample positions
Sample Cup Type	Micro cup and primary tube
Sample Volume	2-30 $\mu$ L, step by 0.1 $\mu$ L
Sample Probe	Liquid surface detection
STAT Sample	Available
Sample Barcode	Sample barcode reader (optional)

### Reagent Unit

Reagent Tray	80 reagent positions (40 for R1 & 40 for R2)
Reagent Volume	20-300 $\mu$ L, step by 1 $\mu$ L
Reagent Needle	Liquid surface detection
Reagent Barcode	Reagent barcode reader (optional)

### Reaction Unit

Reaction Tray	44 reaction cuvettes, perfect transmittance
Cuvette Material	Plastics
Reaction Volume	150 $\mu$ L-330 $\mu$ L
Temperature	Peltier pad incubation system

### Mixing System

Mixer	Paddle-type mixing, Teflon coated
-------	-----------------------------------

### Optical System

Light Source	Halogen Lamp
Wavelength	340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm, 700nm
Absorbance Range	0 - 4.0 Abs
Resolution	0.0001 Abs

### Operating System

Operation System	Windows 10
------------------	------------

### Working Conditions

Power Supply	AC 110/220V $\pm$ 10%, 50/60 Hz
Dimension	745mm $\times$ 540mm $\times$ 530mm
Weight	48.4 Kg (N.W)

\*Specifications are subject to change without prior notice.

For Further Information Contact

Coral Clinical Systems

A Division of

**T TULIP DIAGNOSTICS (P) LTD.**  
a PerkinElmer company

CIN: U85195GA1988PTC005717

Tulip Block, Dr. Antonio Do Rego Bagh, Alto Santacruz, Bambolim Complex Post Office, Goa - 403202, INDIA.  
Tel.: +91 832 2458546-50 Fax : +91 832 2458544 E-mail : sales@tulipgroup.com Website : www.tulipgroup.com

CS/LT03-21/MER-01



# The Smart Choice...



# ...For Smart Labs

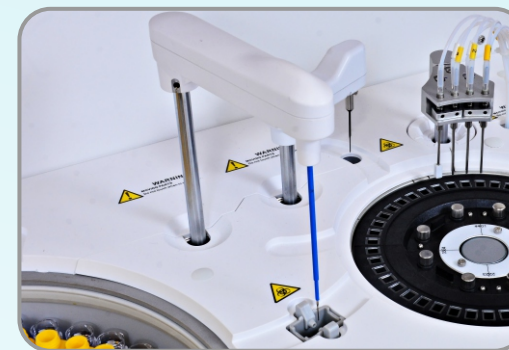
The change you need...

Coral Clinical Systems



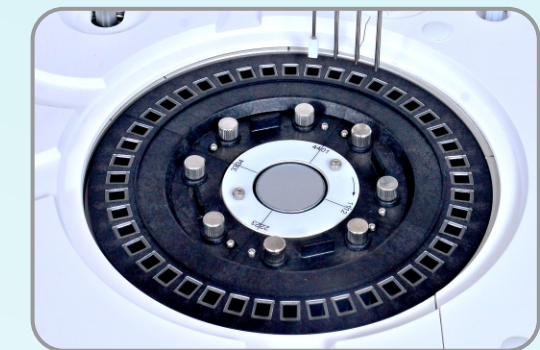


- Fully automatic, random access analyzer with a throughput of 200 tests/hour.
- Automatic Washing System.
- Excellent on board refrigeration.
- STAT Sampling.
- Dedicated Alarm System.
- Low Maintenance.
- Dedicated system packs available for all routine Chemistry & Turbidimetry parameters.



**Multifunctional precision Sampling Probe**

- ▶ External & internal probe washing.
- ▶ Equipped with liquid sensor.
- ▶ Collision protection & depth adjustment.



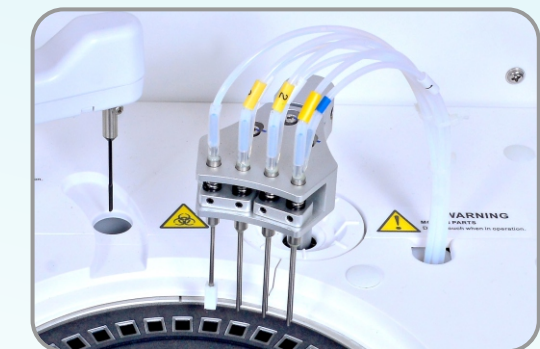
**Reaction Tray**

- ▶ 44 reaction cuvettes.
- ▶ Optimal temperature of (37±0.1°C) for reaction.



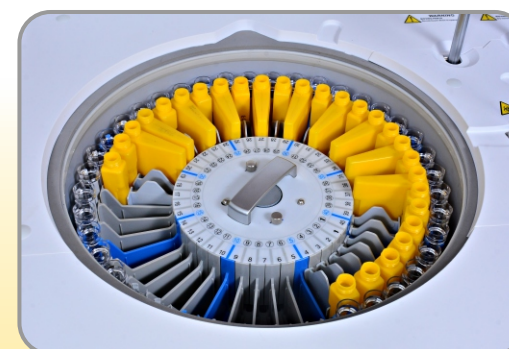
**Excellent Mixer Design**

- ▶ Teflon coated.
- ▶ Independent wash station for mixer.



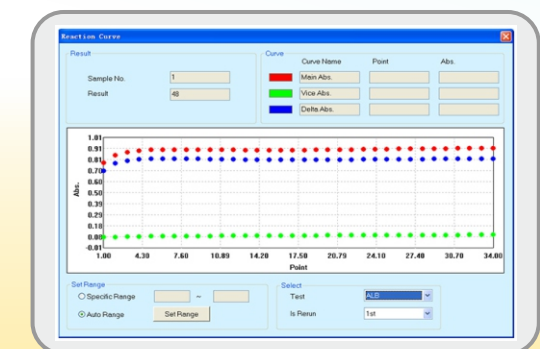
**Optimized 2 x 6 steps automatic washing System**

- ▶ Efficient cleaning to ensure accurate results and reliable diagnosis.
- ▶ Dedicated maintenance solutions for precision cleaning.



**Reagent & Sample tray**

- ▶ Unique design to indicate reagent and sample positions.
- ▶ 80 reagent positions & 40 sample positions.
- ▶ Excellent on board refrigeration (2°C - 8°C).
- ▶ Use of sample cups & primary tubes.



**Advanced user friendly software interface**

- ▶ Automatic sample dilution.
- ▶ Linear & nonlinear calibration, Multi-points calibration up to 8 points.
- ▶ Warning alarm.
- ▶ L-J & Westgard graph.