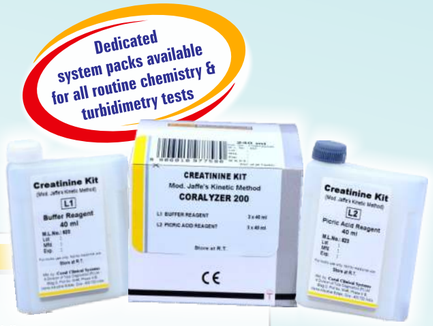
CORALYZER Smart™



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	2-30μL, step by 0.1μL
Sample Probe	Liquid surface detection
STAT Sample	Available
Sample Barcode	Sample barcode reader (optional)
Reagent Unit	
Reagent Tray	40 reagent positions
Reagent Volume	20-300μL, step by 1μL
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	150μL-330μL
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 ± 10%, 50/60 Hz
Dimension	745mm × 540mm × 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

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CS/LT/03-21/VER-01

CORALYZER Smart™

The Smart Choice...



...For Smart Labs

The change you need...

Coral | Clinical Systems

CORALYZER Smart™

Smart Choice For Your Lab



- 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.



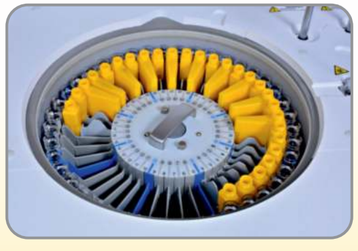
Excellent Mixer Design

- 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.
- 40 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.

Coral Clinical Systems