



CORALYZER 200[™]

Fully Automatic Clinical Chemistry Analyzer

KEY FEATURES

- Discrete, Patient Prioritized, Random Access, Totally Open, Automated Clinical Chemistry Analyzer
- Walk Away System
- Throughput of 200 Tests/hour
- Reusable cuvettes with on-board laundry
- STAT facility available for all sample positions
- On-board refrigeration for reagents

TECHNICAL SPECIFICATIONS

Principle	Colorimetric method
Assay methods	End point, Rate reactions, fixed time, differential, sample blanking, mono and bichromatic measurements. All programs operator definable. On board chemistries 40
Throughput	200 tests/ hour
Calibration	Facility to run ONLY reagent blank (without standard) in calibration mode, Reagent / sample probe with liquid level sensor.
Quality Control	Run between 3 - 6 levels of QC, Random processing of QC data possible, QC statistics in the form of LEVY JENNING PLOT.
Memory	One million patient data may be stored.
Sample	Sample positions : 60 Sample volume : (1.0-100 µl) in increments of 0.1µl Accepts Primary tubes /Sample cups STAT sample can be introduced at any time and at any position
Reagent	Reagent positions : 40 Reagent bottles : 40 ml for R1: 5ml for R2 Reaction volume : Between 200 – 400 µl; Suggested between 200-250 µl Reaction time : 0 - 999 seconds On board reagent inventory Reaction temperature : 37± 0.1°C (dry air incubation), High speed Teflon coated mixing probe for efficient mixing of reaction mixture Reaction Cuvettes : 90

On Board Laundry	Washing: 8 channel washing manifold, washing with warm water. Water consumption : Maximum 10 liters for 200 tests
Optics	Light source : Long life halogen lamp Wavelength range : 300 - 800nm. Eight installed filters. Optical bandwidth : ± 4 nm Measurement range : 0.0 - 3.0 ABS, Continuous monitoring of blank cuvette Abs to increase accuracy
Power Supply	110-220V (± 10 V), 50-60 Hz, 2000 VA.
Software	Windows 2000 / XP platform, User friendly with different language versions
Dimensions	130 cms x 100 cms x 85cms
Net weight	90 kgs
Cat. No.	CRL 200

LIST OF COMPONENTS SUPPLIED ALONG WITH THE INSTRUMENT

Sr.No.	Components	Qty	Sr.No	Components	Qty
1.	USER MANUAL	1 No.	13.	APPLICATION MANUAL	1 No.
2.	POWER CORD	1 No.	14.	FUSE	4 Nos.
3.	WASH WATER INLET	1 No.	15.	WATER & WASTE SENSOR	1 No.
4.	TUBE KIT	1 No.	16.	REACTION CUVETTES	90+10 Nos.
5	3 PIN TOP	1 No.	17.	SERIAL CABLE (RS 232)	1 No.
6	REAGENT BOTTLE R1	50 Nos.	18.	REAGENT BOTTLE R2	15 Nos.
7	SAMPLE CUPS	500 Nos.	19.	REAGENT BOTTLE CAPS	50+15 Nos.
8	FRAMES FOR R2 BOTTLES	15 Nos	20.	HALOGEN LAMP	1 No.
9.	ALLEN KEY SET	1 No.	21.	PRECISION SCREW DRIVER	1No.
10.	SAMPLE PROBE	1 No.	22.	SYRINGE PLUNGER	1 No.
11.	SENSOR	1 No.	23.	GROUND WIRE	1 No.
12.	QC REPORT	1 No.	24.	SOFTWARE CD	1 No.

ACCESSORIES/CONSUMABLES FOR USE WITH CORALYZER 200

Accessories/Consumables	Cat No.	Pack Size
Serial Cable	T19429	1 No.
Sample cups	T19266	200 Nos
Reaction Cuvettes (90+10)	T19462	90 + 10 Nos
Tube kit	T14537	1 No.
Wash water inlet	T19431	1 No.
Water sensor	T19428	1 No.
Waste sensor	T19461	1 No.
Halogen Lamps	T19423	1 No.
Sample probe	T19240	1 No.
Ground wire	T19430	1 No.