



CORALYZER *Mini*™

The change you need

KEY FEATURES

- Fully Automatic, Random Access Clinical Chemistry Analyser with direct reading system.
- System having throughput of 100 Tests/hour.
- Reusable cuvettes with efficient on-board laundry.
- STAT facility available for all sample positions.
- Excellent On-board refrigeration for reagents.
- Efficient water consumption.

TECHNICAL SPECIFICATIONS

Assay Model	Random access with direct reading system
Method	End point, Kinetic, Fixed time, Immunoturbidimetric, 1-2 reagent, Multistandard, reagent/serum blank.
Assay Item	36 assay
Throughput	90 Tests/hr
Sample Position	50
	Including standard, control and stat; either serum cup or primary tube available
Sample Volume	1-100 µl, 0.1 µl/ step
Reagent Position	36
Reagent Volume	R1: 1-400 µl, 1 µl/ step, R2: 1-400 µl, 1 µl/step
Reagent/ Sample Probe	With liquid level sensor, collision sensor, Teflon coating and automatic washing station
Reaction Time	0-999 seconds
Cuvette	60 reaction cuvettes (High quality UV- transmitted plastic cuvette)
Cuvette Washing	2 Times washing
Probe and Mixer Washing	Independent washing station for each sample/reagent probe and mixer
Alarm	Automatic alarm for malfunction (eg: collision, reagent/sample insufficiency, full waste container, etc)

Calibration	Linear, Non-linear, Multi standard, K factor
Sample Dilution/ Retest	Sample can be diluted and retested if results are out of range or sample in insufficient. Also with calibrator auto diluting function
Wavelength	340-800nm
Light Source	Halogen lamp
Absorbance Resolution	0.0001A
Absorbance Accuracy	±0.0003A (0-2.5A)
Repeatability (CV %)	2 %
Quality Control	Levy Jennings quality control program at 3 levels
Bar Code	Optional
Printer	Multiple report formats available
System	Windows XP or Vista; Windows 7
Power Supply	220V/ 50Hz or 110V/ 60hz (optional)
Dimension	65x53x52 (cm)
Weight	45kg

LIST OF STANDARD ACCESSORIES SUPPLIED ALONG WITH THE INSTRUMENT WITH CAT NOS

Sr. No.	Components	Quantity	Sr. No.	Components	Quantity
1	Power Cord	1	10	Reagent Bottle R2	10
2	Fuse	4	11	Sample Cups	400
3	Wash Water Inlet	1	12	Reagent Bottle Caps	40+10
4	Water & Waste Sensor	1	13	Halogen Lamp	1
5	Tube Kit	1	14	Allen Key Set	1
6	Reaction Cuvettes	90+10	15	Precision Screw Driver	1
7	3 Pin Top	1	16	Sample Probe	1
8	Serial Cable RS232	1	17	Sensor	1
9	Reagent Bottle R1	40	18	Ground Wire	1