



Technical Specification Model Lab Master RA – Clinical Chemistry Analyzer

Assay Model		Random access with direct reading system
Method		End point, Kinetic, Fixed time, Immunospectrometric, 1-2 reagent, Multistandard, reagent/serum blank, etc
Assay Item		36 assay ISE module (Na+, K+, Cl / Li+) available on request
Throughput	1 Reagent	220 tests/h (max)
	2 Reagent	160 test/h (max)
	With ISE	+100 tests/h
Sample position		50 Including standard, control and stat; either serum cup or primary tube available
Sample Volume		1- 100 ul, 0.1ul / Step
Reagent position		36
Reagent Volume		R1:1-400ul, / Step, R2: 1-400ul, / Step
Reagent / Sample		With liquid level sensor, collision sensor, teflon coating and automatic washing station
Reaction time		0-999 seconds
Cuvette		High quality uv-transmitted plastic cuvette. Quarz glass cuvettes on request
Cuvette washing		5 channels
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 an retested if results are out of range or sample is insufficient. Also with calibrator auto diluting function
Wavelength		340-800 nm
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
Test control Function		New card control system available on request
Language		English, French, Spanish, Russian, etc
System		Windows XP or Vista; Windows 7
Power supply		220V / 50 Hz or 110V / 60Hz (optional)
Dimension		65x53x52 (cm)
Weight		45 Kg