



Chemistry Analyser KCA-A201

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Chemistry Analyser KCA-A201 is a high-performance fully automated benchtop clinical chemistry analyzer. Random access based automation system increases test productivity and accuracy. System incorporates cuvette washing station and contact-free reaction design for better hygiene practices.

Features:

- Random access automation system
- Up to 80 assay modules
- Intelligent multi-tasking operation
- Standard/ Control/ STAT modes
- Auto-alarms with Levy Jennings QC
- Tele-diagnostic network interface
- Bar code sample scanning (Optional)

Applications:

Used in small to medium sized pathological diagnostic laboratories with wide range of applications including determination of the concentration of enzymes, substrates, electrolytes, specific proteins, drugs of abuse, and therapeutic drugs in samples for diagnosis of toxicological effect on renal, cardiac, and liver function.

Specifications :

Absorbance Accuracy	± 0.0003 Abs ; (0 Abs – 2.5 Abs)
Absorbance Resolution	0.0001 Abs
Alarms	Auto-alarm for crucial events (collision, reagent/ sample insufficiency, full waste container, etc.)
Analytical Methods	End-point, Multi-standard, Immuno-turbid metric, 1-2 reagent, Reagent/serum blank, etc.
Assay Modules	80 modules
Calibration	Linear, Non-linear, Multi-point, K factor
Dimension	1000 x 850 x 700 mm
Lamp	Halogen Lamp Wavelength : 340 nm – 810 nm
Power Supply	220 V / 50 Hz or 110 V / 60 Hz
Probe Handling	Liquid level sensor, Collision sensor, Teflon coating and Automatic washing station.
Quality Control	Levy-Jennings quality control at 3 levels
Reaction Time	0 s – 999 s
Reagent Slots	2 x 40
Reagent Volume	R1 : 1µL - 400µL, (1µL/step) R2 : 1µL - 400µL, (1µL/step) 1µL - 500µL, (0.1µL/step) [Min. 50 µL/test on request]
Repeatability	? 2 %
Sample Slots	80
Sample Volume	1µL - 100µL, (0.1µL/step)
Throughput	Reagent 1 : 400 test/hr Reagent 2 : 600 test/hr With ISE : 400 test/hr
Type	Fully Automated Random Access System
Washing Reaction Cuvettes	8 channel Auto-washing
Weight	137 Kgs

