



Chemistry Analyser KCA-A202

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Chemistry Analyser KCA-A202 is a fully automated benchtop clinical chemistry analyzer. System incorporates pre-defined analysis programs which simplifies test functionality. Built-in reagent cooling and pre-heating facility eliminates need to refrigerate or heat sample which saves time. Touch screen display combined with STAT and routine testing allows versatile applicability.

Features:

Throughput : 120 photometric tests/hour
Analytical modes : End-point/Two-point/Kinetic
Ergonomic operational software
Micro-volume sample analysis
Reagent pre-heat and refrigeration

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 range	(0 Abs – 3.500 Abs) $\pm$ 1 %
Assay Modules	Up to 26 Assays
Cuvette (Optical length)	5 mm
Dimension	583 x 453 x 530 cm
Humidity	35% – 80%
Lamp	Halogen bulb
Power Supply	100 V – 240 V ; 50/60 Hz
Probe Handling	Pre-heat, Collision protection, Liquid-level detection, Inventory checking, Automatic inner and outer probe washing
Reaction slots	90 cuvettes, 10 cuvettes/strips
Reaction temperature	(37° $\pm$ 0.4°) C
Reaction volume	180 μ L – 500 μ L
Reagent refrigeration	4°C - 15°C
Reagent slots	26
Reagent volume	R1 : 180 μ L – 450 μ L, (1 μ L step adjustability) R2 : 180 μ L – 450 μ L, (1 μ L step adjustability)
Resolution	0.0001 Abs
Sample slots	9
Sample volume	3 μ L – 45 μ L, (0.5 μ L step adjustability)
Temperature	10°C - 35°C
Throughput	120 tests/hour
Type	Fully Automatic Random Access system
Water Consumption	1.5 L/hr
Wavelength	340 nm – 700 nm
Weight	70 Kgs

