

Technical specification:

Throughput Up to 200 tests per hour	Reaction system 90 Special cuvettes - Length of cuvette : 6mm - Cuvette Volume : 300µL - Reaction volume : 200µL to 500µL - Reaction time : 8 - 15 mins - Reaction temperature : 37 ± 0.5°C
Methodology Measuring principles: Absorbance photometry, Turbidimetry, End-point, Two-point, Kinetic, /Dual/ reagent chemistries, monochromatic /bichromatic	Working Conditions - Power supply : AC100-240V, 50-60Hz 1 KVA - Dimensions : 700mm (W) *650mm (L) *530mm (H) - Net Weight : 55.4 Kg
Sample Arrangement 40 positions for sample, STAT, Calibrator, and QC - Sample volume : 2-50µL, step by 0.1µL - Compatible with primary collection tube, sample cup, etc	Operating configuration - Operation system Windows 10 or XP - Interface RS-232 - Memory Upto 200,000 patient data - Temperature 10°C-35°C - Humidity upto 90% with no dew - LIS - Bidirectional
Reagent arrangement 40 reagent positions for R1 and R2 - Volume range : 10-500µL, step by 1µL - Reagent Probe : Liquid level detection, collision protection function - On board cooling (2°C- 8°C)	Optical system 9 wavelengths : 300-700nm - Tungsten halogen lamp - Absorbance range : 0-4.00Abs - Spectrophotometry; rear spectrophotometry
Laundry system - Needles : 8 step washing sequence. - Water Consumption : Upto 4 L/hr	Mixing system Independent mixing probe

*Specifications are subject to change without the prior notice of manufacturer.

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ISO : 9001 : 2015
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GREAT CHEMISTRY®



AGD2260

Fully Automatic Clinical Chemistry Analyzer



- Compact, Benchtop, Fully Automatic Random Access Clinical Chemistry Analyzer
- 200 Tests per hour
- Smart system with user friendly programming
- High end washing sequence to eliminate errors in reporting



Clinical Chemistry Analyzer

Intellectual software:

- Automatic washing of cuvette when start up & shut down of the instrument
- Test order setting to avoid carry over
- Automatic detection of reagent volume during every startup of the instrument
- Displays the reagent ,cuvettes and room temperature during testing.



Cuvette Maintenance

- Automatic Cuvette blank testing
- Automatic wash for selected cuvette
- Online monitoring of cuvette quality



Sample /Reagent Probe:

- Integrated level and position sensors for the sample/reagent probe
- Switch Available for vertical and horizontal movement & detection of the position of probe movement.
- Material of the probe is stainless steel – Anti rust design
- Internal and external cleaning of the probe after sample and reagent aspiration – Removes chances of carryover and cross contamination

Stirrer Mechanism:

- Stirrer is useful for proper mixing which is major factor for accurate results
- Teflon coating leads to hydrophobic nature and helps to avoid carryover



Laundry system :

- 5 short needles to add water
- 1 short needle to add detergent
- 6 long needles for aspiration of water
- 2 needles for drying of cuvette

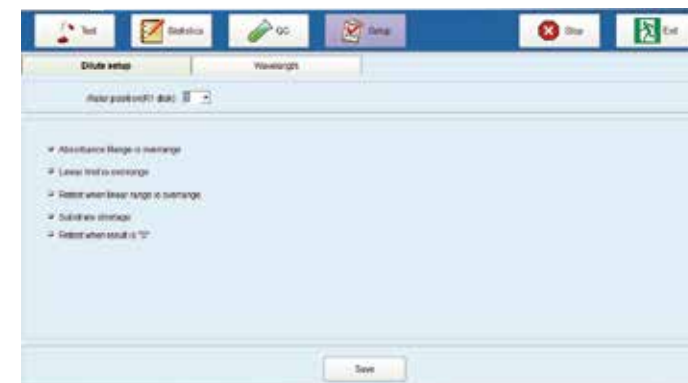
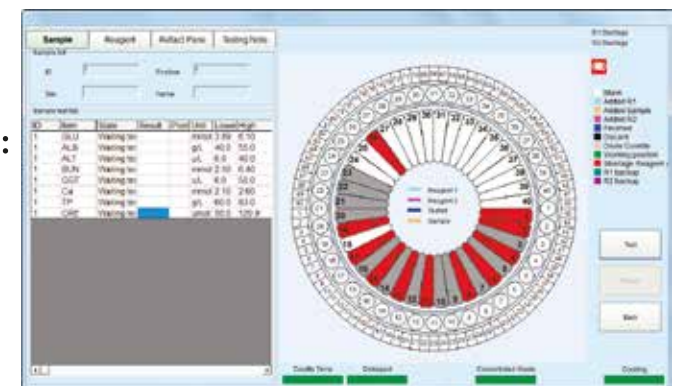


Reaction tray:

- 6 reaction holders to load total 90 reaction cuvettes , each holder has 15 cuvettes
- Long cuvette life
- It can be replaced individually

Dynamic and real- time display of running status:

- Real time online status of sample tray, reagent tray and cuvettes
- Monitoring residual volume of reagents



Automatic dilute and retest

Automatic dilute and retest when :

1. Absorbance range is overrange
2. Linearity limit is crossed
3. Substrate depletion

Freely set the auto dilute ratio and water position