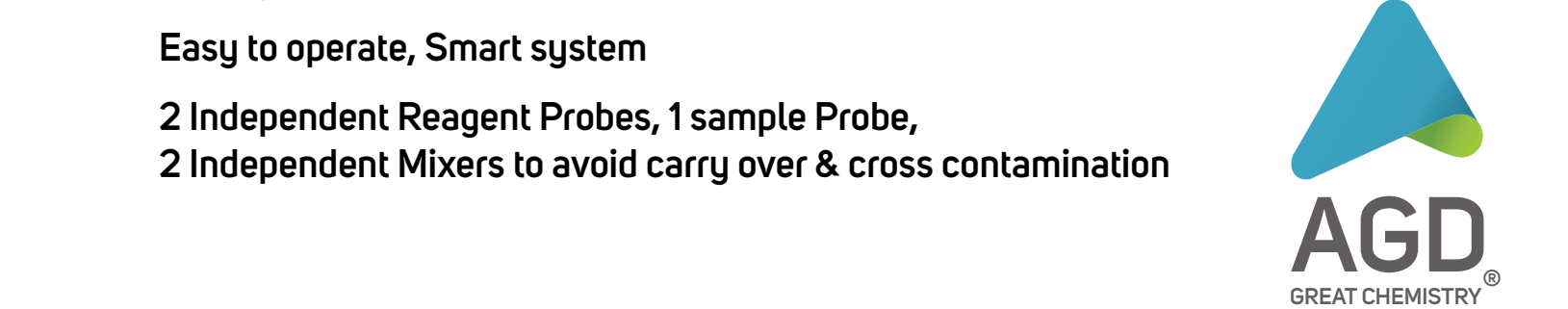
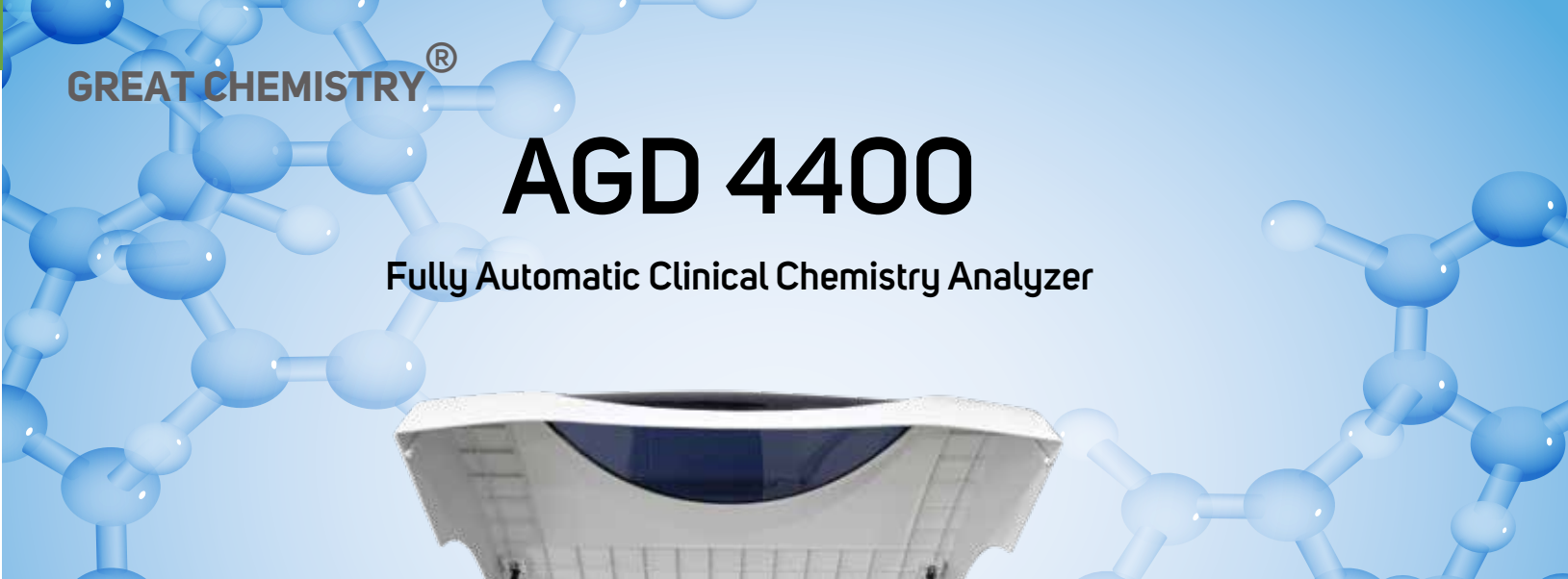


Technical specification:

System	- Random access, Discrete, Floor model	Optical system	- Static Optical fiber transit system 12 wavelength (340-750nm) Absorbance Range : 0-5.0 Abs Optical pathlength : 6.1 mm
Throughput	- 400 test /hr	Light source	- 12 V, 20W Halogen & Tungsten lamp
Samples	- 93 samples positions (Sample, QC, STAT) Sample volume - 2-50µl, 0.1µl	QC/Calibration	- Tri-level QC Multi point calibration modes
Reagents	- R1 - 40 positions R2 - 40 positions Reagent Hydrocooling system (2-8°C)	Operating System	- Window XP or 2000, friendly interface
Probe system	- 2 Independent Reagent Probes, 1 Sample Probe 2 Independent Mixers	Power supply	- 100 to 240 VAC, 50/60 Hz, 1000 VA three-cores power cord, well grounded
Laundry system	- 8 step washing system Spring style internal/external auto cleaning Water consumption - 8Ltr/hr	Dimension	- 95cm (W) x 71cm (L) x 118cm (H)
Detection system	- 90 cuvettes Reaction time - 8 to 10 minutes Cycle time - 9 sec, 12 sec	Weight	- 160kg



- Wide range of Clinical Chemistry Reagent
- Liquid Stable Systempak.
- Packsize option suitable to meet customer needs
- Good Onboard Stability of Systempak

*Specifications are subject to change without prior notice

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ISO : 13485 : 2016
CE



GREAT CHEMISTRY®

AGD 4400 is Fully Automatic Clinical Chemistry Analyzer with 400 test/ hour throughput , high performance suitable for mid-size & high workload laboratories.



Sample/Reagent Tray

- 80 Reagent Positions (R1 & R2)
- 93 sample positions-(sample/QC/STAT)
- Sample position capable of loading sample cups & primary tubes
- Onboard Refrigeration facility (2-8)°C for Reagent & Samples



Sample / Reagent Probe

- 2 Independent probes for reagent & sample
- Liquid level detection
- Vertical probe anti-collision prevention
- SSC material used in sample & reagent probes



Mixer Assembly

- Teflon coated Mixers
- 2 Independent Mixers for high accuracy & precision



Laundry System

- 8 step washing system
- Internal & external Probe auto washing function
- Automatic cuvette dry facility
- Water consumption - 8L/hr



Detection & Optical System

- Optical sources- Halogen Tungsten Lamp
- 12 wavelength (340-750nm)
- 90 Reaction cuvettes
- Absorbance Range : 0-5.0 Abs



QC & Calibration

- Multi QC function
- LJ plots & Westgard rules available
- Optimum calibration curve
- Multi point - Linear, Non- linear Calibration Method



Software system

- User convenient software
- Online monitoring of reagent volume
- Online reaction curve monitoring