

## TECHNICAL SPECIFICATIONS

Assay types	Absorbance, Endpoint, Kinetic, Fixed Time, Coagulation
Wavelengths	Interference Filters: 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm, 670nm ± 10nm
Photometer range	-0.1-3.000Abs
Aspiration Volume	0.2mL to 1.0mL
Cuvette Volume	500µL
Flow Cell	32 µL
Storage Capacity	196 Programs, 5000 Test records with reaction curve
Light Source	6V/10W, Tungsten Halogen Lamp
Temperature Control	25,30,37°C by Peltier Effect
Display	7" Graphic colour LCD with resistive touch screen, Resolution - 800 X 480 Pixels
Printer	Built-in 2" Thermal Printer (can be switched ON/OFF, when desired)
Interface	External Keyboard/ Mouse
Power supply	100 - 240V AC ±10%, 50/60 Hz
Storage Conditions	Temperature: 15°C to 40°C, Relative Humidity: up to 85%
External Dimensions	360mm(L) x 355mm(B) x 170mm(H)
Weight	6.5Kg(approx)

Inbuilt Incubator (optional) - 8 positions for Test tubes and 5 positions for coagulation tubes



### AGD CliniPak & TurbiPak

- Wide range of Clinical Chemistry Kits
- Liquid stable reagents
- Accurate and Precise result with high Linearity



### AGD MicroPette

- Mono vials for special Tests
- Pack size as per requirement

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**ISO** : 9001 : 2015  
**ISO** : 13485 : 2016  
**CE**



KEEP EVOLVING.  
KEEP SOLVING.

# AGD 2020



## NEW GENERATION CLINICAL CHEMISTRY ANALYZER

### Salient Features:

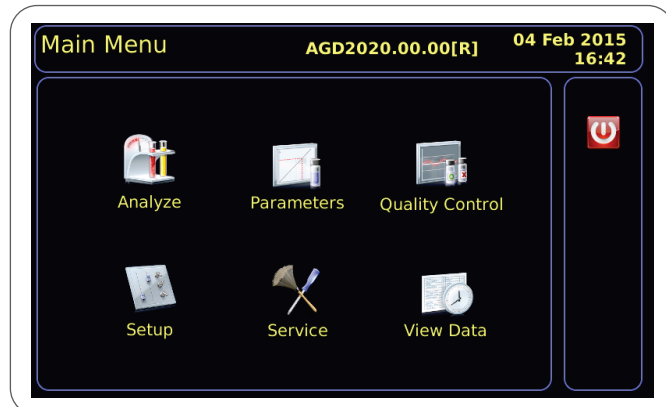
- 7" graphic resistive touchscreen colour display
- Online reaction Curve
- Tri-Level Quality Control with L-J plot
- Storage of 5000 test results with reaction curve

**AGD Biomedicals (P) Ltd.**



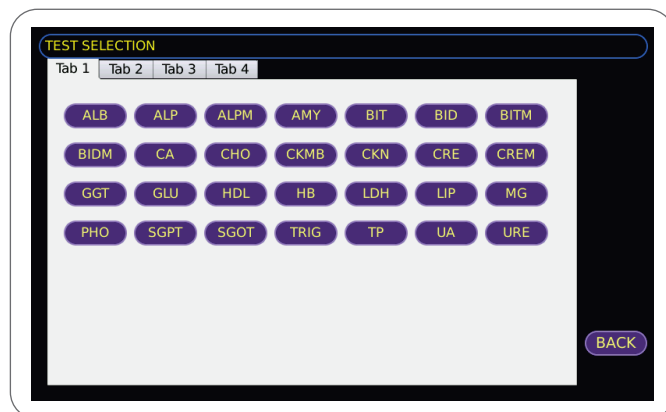
AGD Biomedicals' experience and understanding of laboratory needs has led to an innovative product developed with one key objective—provide excellent Chemistry Analyzer, resulting in the ultimate customer satisfaction.

AGD2020 is a Compact, convenient, new generation analyzer most suitable for medium sized and small laboratories, also as a backup for big laboratory or hospital setups.



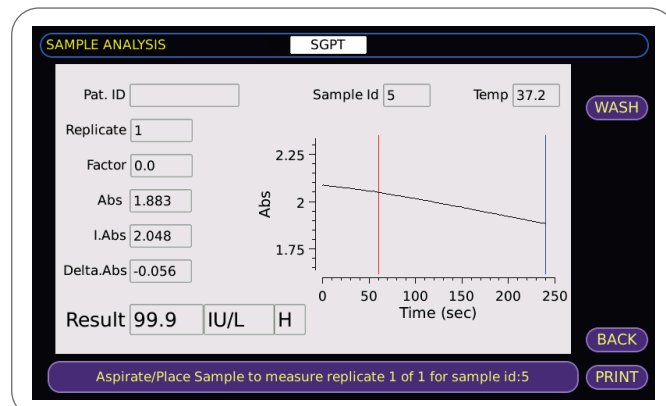
## MAIN MENU

- AGD2020 is analyzer with a variety of features and performance levels to fit any application
- Full size graphical display gives you true convenience in operation and minimizes errors while entering data
- User friendly software with interactive Graphical user interface
- Shortcut keys for Menus to ease the operation



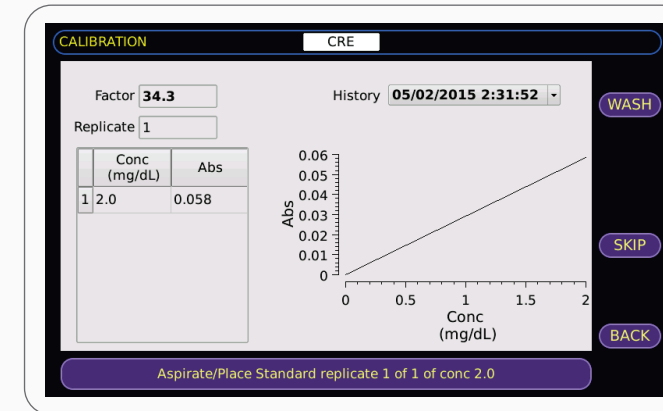
## TEST SELECTION

Direct Access to 196 tests: AGD2020 gives you the freedom to choose the assay directly— so you can produce result simply, swiftly and successfully



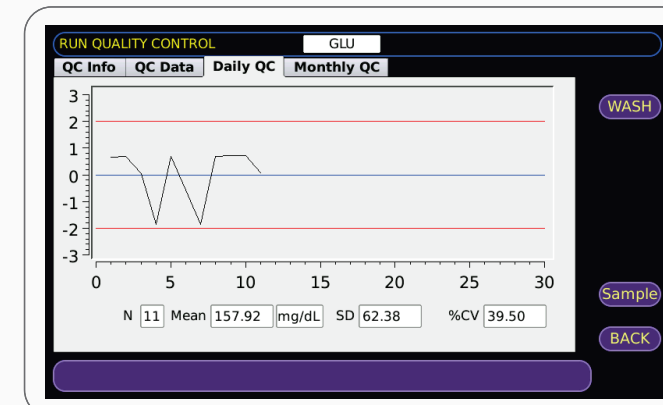
## ANALYSIS

Real time reaction curve with special checks and flaggings to give trouble free performance and confidence in reporting



## CALIBRATION

Availability of various Calibration types like K-factor, Linear and Non Linear calibration curves like Spline, Logit-log, Exponential, Parabola and Polynomial enables the AGD2020 to run variety of biochemical and immunoturbidity assays



## Run Quality Control

- Levy Jennings plot of daily and monthly QC data to give the visual indication of the performance of assays and gives additional advantage for the accreditation of the Laboratory
- Collated Patient reports(date-wise, test-wise and patient-wise) : 5000 stored results with reaction curve



## ASPIRATION SYSTEM

- **Aspiration system:** Internal peristaltic pump driven by DC motor for accurate and precise aspiration of reaction mixture
- Air purging after every sample aspiration, to minimize carryover
- **Maintenance:** Automatic cleaning of flow cell at the end of assay and at shutdown with special wash solution improves the performance of the analyzer