

TECHNICAL SPECIFICATIONS

Assay types	Absorbance, Endpoint, Kinetic, Fixed Time, Coagulation
Wavelengths	Fixed 6 filters (340nm, 405nm, 505nm, 546nm, 578nm, 630nm) and provision to add 2 filters ± 10nm
Photometer range	Upto 3.000Abs
Aspiration Volume	300µL to 1000µL
Cuvette Volume	Min 500µL
Flow Cell	18µL/32µL
Inbuilt Incubator	8 positions for test tubes and 5 positions for coagulation tubes
Storage Capacity	245 Programs, 20000 Test records with reaction curve
Light Source	6v10W, Tungsten Halogen Lamp
Temperature Control	25, 30, 37°C by PeltierEffect
Display	5" Graphic colour LCD with resistive touch screen, Resolution-800x480 Pixels
Printer	Built-in 2" Thermal Printer (can be switched ON/OFF, when desired)
Interface	External Keyboard/Mouse
Power supply	110-240V AC±10%, 50/60Hz ± 3Hz, 50W (Max)
Storage Conditions	Temperature: 10°C to 50°C, Relative Humidity: upto 85%
External Dimensions	315mm(L) x 290mm(B) x 175mm(H)
Weight	6.5Kg (Approx)

* Optional Barcode reader available.



AGD CliniPak & TurbiPak

- Wide range of Clinical Chemistry Kits
- Liquid stable reagents
- Accurate and Precise result with high Linearity
- Mono vials for special Tests
- Pack size as per requirement



AGD MicroPette

- Variable Pipette - 5-50µL & 100-1000µL

AGD2010
SEMI AUTOMATIC CLINICAL CHEMISTRY ANALYZER



Salient Features:

- 245 test parameters
- 5" graphic resistive touchscreen colour display
- Tri-Leval Quality Control with L-J plot
- Online reaction curve
- Storage of 20000 test results with reaction curve

AGD Biomedicals Pvt. Ltd.
Mehta Trade Center,
Sir M.V.Road, Andheri East
Mumbai – 400 099 INDIA

P : +91-22-28231061 / 66
+91-22-28257999
E : sales@agdbio.com
W : www.agdbio.com

ISO : 9001 : 2015
ISO : 13485 : 2016

CE



AGD Biomedicals Pvt. 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.

Our AGD2010 Semi-Automatic Clinical Chemistry Analyzer is based on Micro Processor controlled programmable Analyzer to perform routine biochemistry tests. Compact, convenient, new generation analyzer most suitable for medium sized and small laboratories, also as a backup for big laboratory or hospital setups.



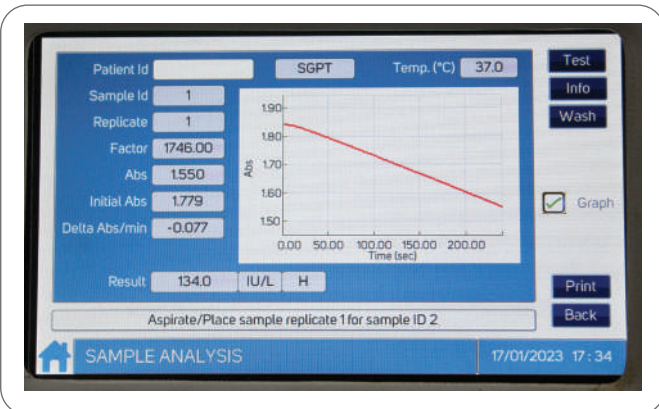
MAIN MENU

- Graphical display gives you true convenience in operation and minimizes errors while entering data
- User friendly software with interactive graphical user interface
- AGD 2010 is analyzer with a variety of features and performance levels to fit any application



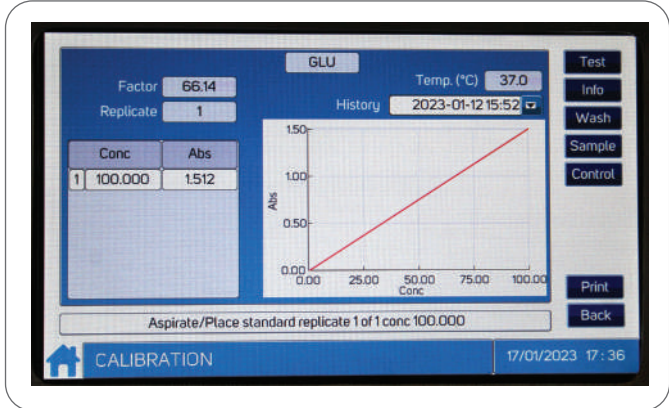
TEST SELECTION

Direct Access to 245 tests: AGD 2010 gives you the freedom to choose the assay directly - so you can produce result simply swiftly and successfully



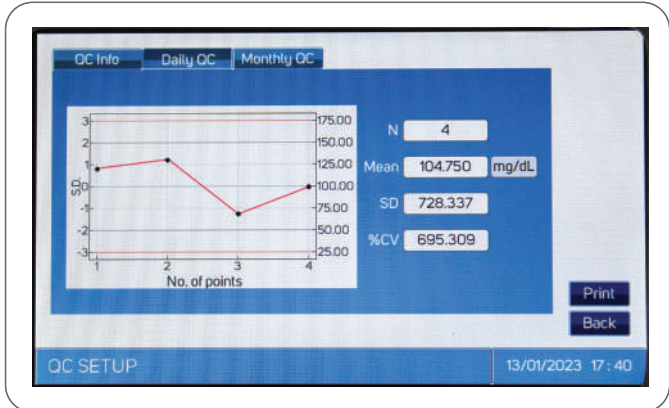
ANALYSIS

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



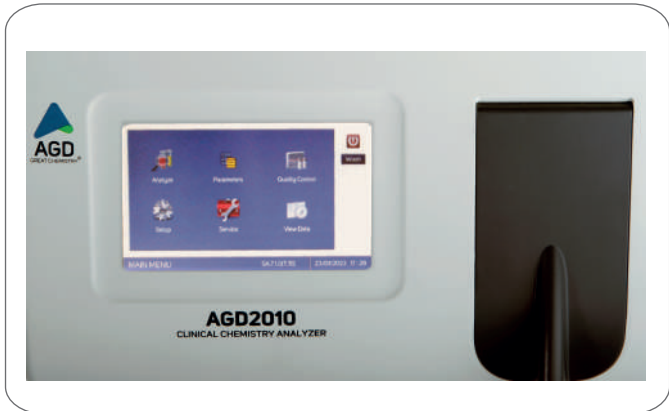
CALIBRATION

Availability of various Calibration types like K-factor, Linear and Non Linear calibration curves like Spline, Logit-log, Exponential, Parabola and Polynomial enables the AGD 2010 to run variety of biochemical and immunoturbidity assays



RUN QUALITY CONTROL

- Levy Jennings plot of daily and monthly QC data gives the visual indication of the performance of assays and additional advantage for the accreditation of the laboratory
- Collated Patient reports(date-wise, test-wise and patient-wise): 20000 stored results with reaction curve



ASPIRATION SYSTEM

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



MEASUREMENT MODES

- AGD2010 has 3 measurement modes for analysis
- Flowcell
 - Cuvette
 - Coagulation tube with coag adapter (optional)