

## 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 $\pm$ 10nm
Photometer range	-0.1-3.000Abs
Aspiration Volume	0.2mL to 1.0mL
Cuvette Volume	2.5mL
Flow Cell	18 $\mu$ L
Inbuilt Incubator	Optional
Storage Capacity	245 Programs, 20000 Test records with reaction curve
Light Source	6V/10W, Tungsten Halogen Lamp
Temperature Control	25,30,37°C by Peltier Effect
Display	8" 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 $\pm$ 10%, 50/60 Hz, 60W
Storage Conditions	Temperature: 15°C to 40°C, Relative Humidity : up to 85%
External Dimensions	314mm(L) x 287mm(B) x 173mm(H)
Weight	6Kg (approx)

\* Optional Barcode reader available.

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



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MKT-BRO-014-00



**EraiChem 660**  
CLINICAL CHEMISTRY ANALYZER

## Salient Features:

- 245 test parameters
- 8" graphic resistive touch screen colour display
- Tri-Level Quality control with L-J plot
- Online reaction curve
- Storage of 5000 test results with reaction curve

Erma 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 EraChem 660 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.



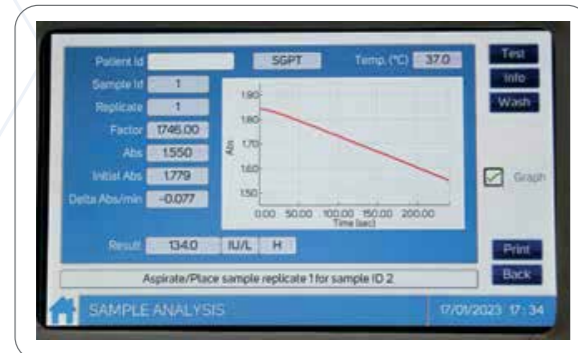
## MAIN MENU

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



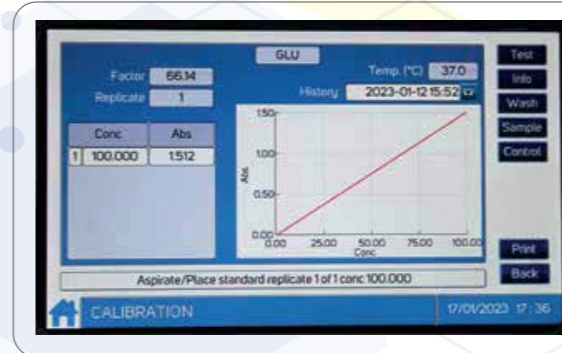
## TEST SELECTION

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



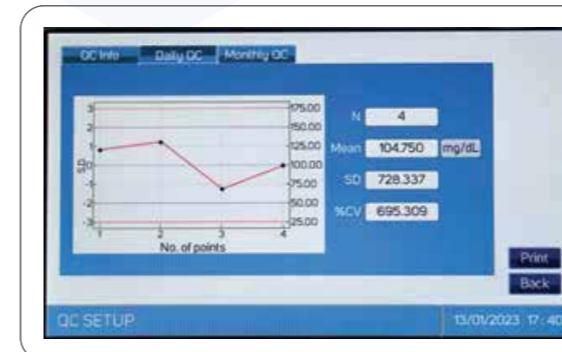
## ANALYSIS

Real time reaction curve with special checks and flaggings 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 ) : 2000 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 carry
- **Maintenance** : Automatic cleaning of flow cell at the end of and at shutdown with special wash solution improves the performance of the analyzer



## INCUBATION

- Built with 12 incubation positions