

Technical Specifications

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|---------------------|--|
| 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 μ 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 | 5" 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 - 240VAC \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.

EdgeLabs CliniEdge & LatEdge

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



EdgeLabs Micro Volume Pipette

- Variable Pipette - 5-50 μ L & 100-1000 μ L



EL-360⁺

Advance Semi Automatic Clinical Chemistry Analyzer



Salient Features:

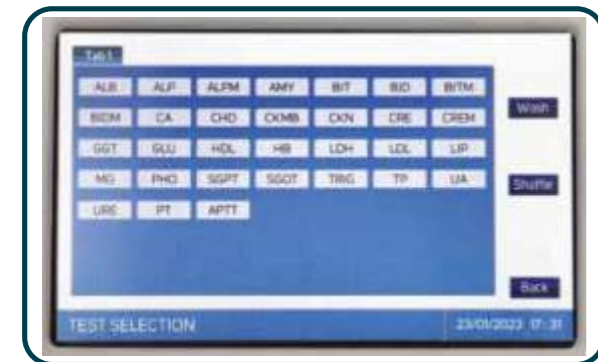
- 245 test parameters
- 5" graphic resistive touchscreen colour display
- Tri-Level Quality Control with L-J plot
- Storage of 20000 test results with reaction curve
- Online reaction Curve
- Inbuilt Incubator (optional) - 8 positions for test tube and 5 positions for coagulation tubes

The EL-360⁺ Advance Semi-Automatic Clinical Chemistry Analyzer is a microprocessor-controlled, programmable device designed for routine biochemistry tests. Its compact and convenient design makes it ideal for medium-sized and small laboratories, and it also serves as an excellent backup for larger laboratory or hospital setups.



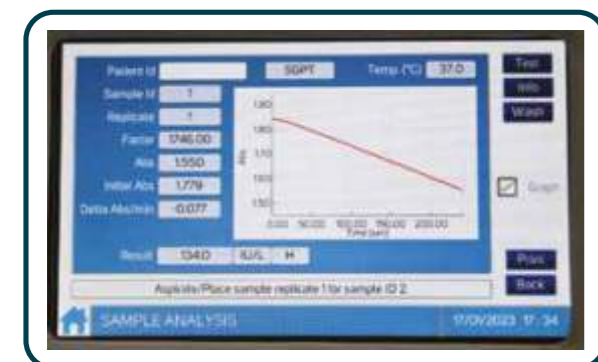
MAIN MENU

- 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
- EL-360⁺ is an analyzer with a variety of features and performance levels to fit any application



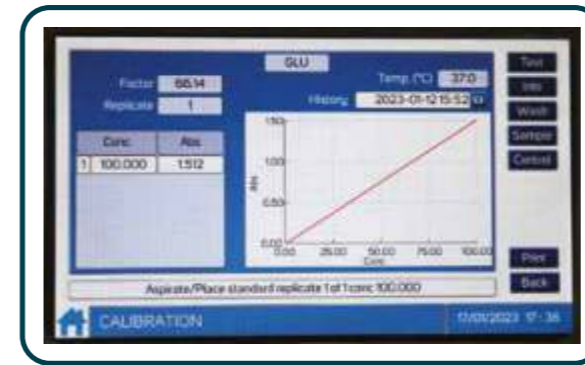
TEST SELECTION

- Direct Access to 245 tests: EL-360⁺ gives you the freedom to choose the assay directly - so you can produce result simply, swiftly and successfully.



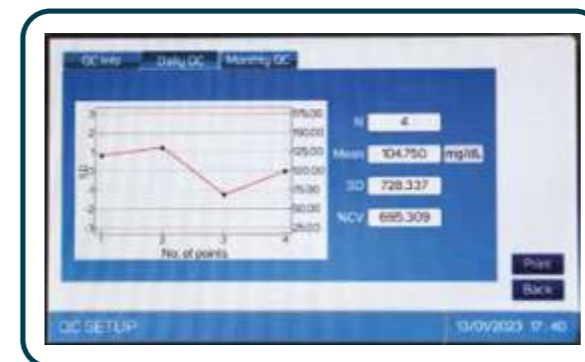
ANALYSIS

- 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 EL-360⁺ 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 flow cell at the end of assay and at shutdown with special wash solution improves the performance of the analyzer