

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 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




EdgeLabs LLP

Diagnostic excellence to enhance life

Registered Office: 1007, 10th Floor, Marathon Icon, Marathon Nextgen Complex, Opp. Peninsula Corporate Park, Lower Parel (W), Mumbai - 400 013.
Phone: 022-45131000.

Delhi-NCR Office: Plot No. - 2, Site No. -1, 1st Floor, Lajwanti Complex, Havells Chowk, Faridabad, Haryana - 121003
Customercare No.: +91 88513 38817
Email: info@edgelabs.in • Website: www.edgelabs.in

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EL-360⁺

Advance Semi Automatic Clinical Chemistry Analyzer



Salient Features:

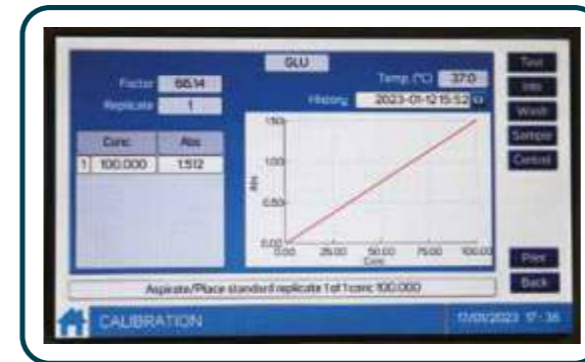
- 245 Test parameters
- 5" Graphic resistive touchscreen colour display
- Tri-Level Quality Control with L-J plot
- Storage of 20000 test results with reaction curve
- Online reaction curve
- Inbuilt Incubator (optional) - 8 positions for test tube and 5 positions for coagulation tubes

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



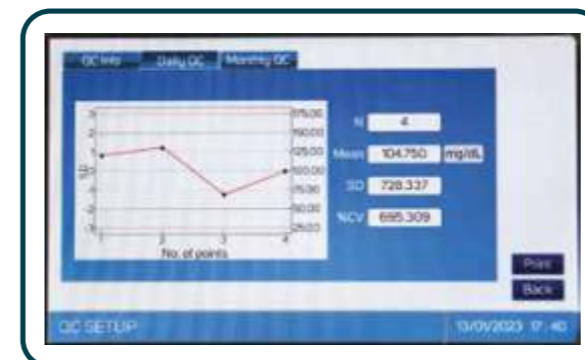
CALIBRATION

- 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



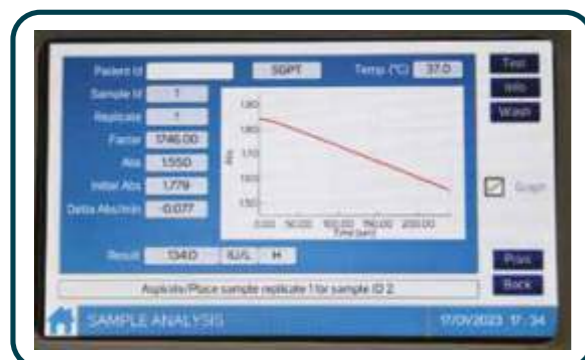
TEST SELECTION

- 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



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



ANALYSIS

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



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