

## Technical Specifications

### Photometric Module

- Seven Narrowband Interference Filters
- Filter Wavelengths: 340, 405, 505, 546, 578, 630 & 670 nm (1 open position for optional filter)
- IAD\* Process to Ensure Long Life
- Wavelength Accuracy:  $\pm 2$ nm
- Silicone Photo Diode Detector
- Absorbance Range: 0.0 – 3.5 Abs
- Resolution Level: 0.0001 Abs
- Photometric Drift:  $< 5$ mAbs/30min
- CV:  $< 1\%$

### Temperature of Flow Cell / Cuvette

- 25°C, 30°C, 37°C
- Temperature Stability:  $\pm 0.2^\circ\text{C}$

### Display

- High quality 7-Inch TFT with Capacitive Touch
- Screen Resolution: 1024\*600

### Printer

- Internal Thermal Printer with Full Graphics Printing

### Measuring Module

- Dual Mode (Flow Cell & Cuvette)
- High Quality Quartz Flow Cell for Precise
- Flow Cell Volume: 30  $\mu\text{l}$
- Peltier-Controlled Reaction Temperature
- External Cuvettes (10mm Path Length)

\* Ion Assisted Deposition (IAD)

### EdgeLabs CliniEdge & LatEdge

- Wide Range of Clinical Chemistry Kits
- Liquid Stable Reagents
- Accurate and Precise Result with High Linearity
- Mono Vials for Special Tests



### Units

- 15 Pre-Defined Measurement Units

### Reaction Volume

- Minimum Aspiration Volume: 300 $\mu\text{L}$
- Maximum Aspiration Volume: 5ml

### Dimensions

- Length: 422 mm
- Height: 231 mm
- Width: 312 mm
- Weight: 5.58 Kg

### Analysis Methods

- End-Point, Fixed-Time & Kinetic
- Sample Blanking & Reagent Blanking
- Direct Absorbance Measurement Mode

### Test Profiles

- User-Defined 10 Test Profiles
- Test/Profile: 10 Tests

### Data Management

- Storage of Up To 10,000 Test Results
- Stores 30 Days QC for Each Assay
- Reagent Blank/Sample Blank

### Reports

- Search by Date, Sample ID or Test Name
- Calibration Reports, QC Results

### Internal Incubator

- Positions: 10
- Temperature: 37°C

### QC And Calibration

- Daily and Monthly QC with Data Archiving.

### EdgeLabs Micro Volume Pipette

- Variable Pipette - 5-50 $\mu\text{l}$  & 100-1000 $\mu\text{l}$



**EdgeLabs**  
Diagnostic excellence to enhance life

An ISO 13485 : 2016 Certified Company



## EL-360<sup>Smart</sup>

Advance Biochemistry Analyzer

Smart • Efficient • Reliable • Durable



7" Smart Touch Screen Display



One-Touch Access to Dedicated Assays



In-built Printer



High-Precision European Peristaltic Pump



In-built Incubator



Proudly Made in India

**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. Customer Care No.: +91 88513 38817

Email: [info@edgelabs.in](mailto:info@edgelabs.in) • Website: [www.edgelabs.in](http://www.edgelabs.in)

Follow us on:     



To know more  
scan the QR Code



# Intelligence: Inside Out



## Display

- Smart 7" Capacitive Touch Panel
- Screen Resolution: 1024\*600
- Intuitive User Interface
- Single-Touch Menu
- One-Touch Access to Over 48 Dedicated Assays
- One-Touch Menu Icons for Easy Access



## Ease of Access:

- Easy to Use Menu
- Easy Access Shortcuts on Display
- Upto 10 Customized Profiles
- Memory of 10000 Tests
- 200 Programmable Test Methods
- In-built Features of QC, L-J charts etc. for All Test Parameters
- Multiple Calibration Mode for Special Parameters



## Reliable

- High Precision European Peristaltic Pumps
- Non-Corrosive Tubing for Long Life
- Aspiration Air Gap & Auto Empty Function After Every Sample Run to Prevent Carryover
- Halogen Quartz Tungsten Lamp
- Unique Lamp-Life Enhancing Circuit
- Programmable Sleep Mode for Extended Lamp Life
- Optimized Optical Design for High Sensitivity Measurements



## Smart

- Easy Menu Navigations Through Submenus
- Suited for End-Point, Kinetic, Fixed-Time, Turbidimetric Assay
- Easy Maintenance With Self-Diagnosis & System Health Report
- 7 In-built Filters with Provision to Add 1 More Filter

# Effortless Experience



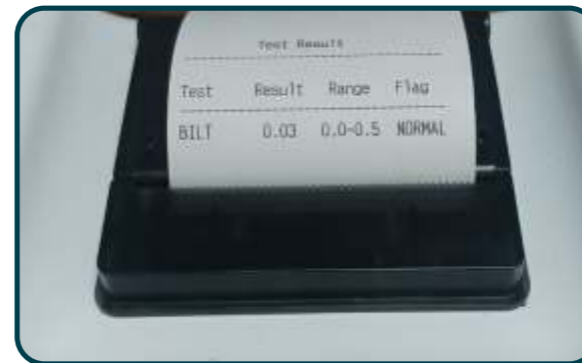
## User First

- Six Informative Screens to Control Operations
- Requires Minimal Training for Usage
- Easy to Use QC Interface for Calculating Mean, SD, % CV, L-J Controls Chart
- 3-Level QCs for Every Assay
- Westgard Rules for Easy Performance of QC



## Efficient

- Easy to Run Tests of Different Modes like: End-Point, Kinetic, Fixed-Time, Turbidimetric & Coagulation
- Enabled for Factor, One-Point, Point-to-Point & Log-Logit Calibration Functions
- Capable of Performing Non-Linear & Multi-Point Calibrations
- Capable of Performing 3 Replications Per Point For Upto 10 Calibration Points



## Optimal

- In-built Thermal Printer with Full Graphics Printing
- 7 In-built Positions for Incubation at 37°C Utilizing Peltier-Heater Mechanism
- Provision for Sample Blanking & Reagent Blanking
- Maintains Stable Temperature to Ensure Usability Across all Geographic Conditions
- Preset 15 Pre-Defined Measurement Units for Reporting Results
- Capable to Store 30 Days QC for Each Parameter
- Supports LIS Connectivity Through RS232/USB/PC Connectivity

Analytical Modes Available	
Absorbance	Kinetic with Factor & Linearity Check
Immuno-turbidimetry	End-Point with Factor, Standard or Multiple Standards with or without Reagent/Sample Blank
Bichromatic Mode	Fixed-Time with Standard, Factor or Multiple Standards with or without Reagent Blank