

**Photometric module**

- Seven narrowband interference filters
- Filter wavelengths: 340, 405, 505, 546, 578, 630 and 670nm (1 open position for optional filter)
- IAD\* process ensures long filter life
- Wavelength accuracy: ±2nm
- Silicon photo diode detector
- Absorbance range : 0.0 – 3.0 A
- Resolution : 0.0001 absorbance units
- Photometric drift : < 5 mAbs/30min
- CV : < 1%

**Temperature of flow cell/ Cuvette**

- 25°C, 30°C, 37°C
- Temperature stability : ± 0.2°C

**Display**

- 5.7 Inch LCD display screen
- High contrast display

**Keyboard**

- Tactile touch QWERTY keypad
- Visual indication on keypad during aspiration

**Printer**

- Internal 57mm thermal printer with full graphics printing

**Measuring module**

- Dual mode (Flow cell & Cuvette)
- High quality quartz flow cell for precise measurements
- 30µl flowcell volume
- Peltier-controlled reaction temperature
- External cuvettes (10mm path length)

**Units**

- 15 pre-defined measurement units

**Reaction volume**

- Minimum aspiration volume - 300µl
- Maximum aspiration volume - 5ml

**Dimensions**

- Length : 422mm
- Height : 176mm
- Width : 324mm
- Weight : 6.5 kg

**Analysis method**

- Endpoint, fixed time and kinetic
- Sample blanking and reagent blanking
- Direct absorbance measurement mode
- Coagulation Mode ( PT / APTT / TT )

**Test profiles**

- User defined 10 test profiles
- 10 tests can be added in each profile

**Test channels**

- 48 dedicated assays
- Direct access keys for dedicated assays
- Open channel capability
- 200 programmable channels

**Data management**

- Storage of up to 10,000 test results
- Stores 30 days QC for each Assay
- Reagent blank storage

**Reports**

- Search by date, sample ID or test name
- Calibration reports, QC results

**Internal incubator**

- Positions: 7
- Temperature: 37°C

**QC and calibration**

- Daily and monthly QC with data archiving.

**Interface**

- RS 232 port
- USB Port
- PC connectivity (optional)

**Power**

- Input voltage range : 88 - 264 VAC
- Frequency range : 47 - 63 Hz
- Power consumption : 75 W max

\* Ion Assisted Deposition (IAD)



To know more scan the QR Code



# EL-360

Biochemistry Analyzer

Semi Automated Clinical Chemistry Analyzer

**Now**  
With Internal Incubator and Coagulation Tests (PT/APTT/TT)



- Robust and reliable diagnostics solution
- Consistent performance and easy operation
- One touch access to dedicated assays



## EL-360

Is a curious fusion of reliability and performance. Its versatility improves productivity of modern labs through its robust design, user friendly software and hassle free operation.

## Software features

Is designed to simplify daily laboratory routine. It's simple and intuitive work flow enhances user efficiency and productivity.

### FLEXIBLE

Programmed to analyze endpoint, fixed time, and kinetic assays  
Storage for 200 user programmable test methods and 10000 test results  
Create up to 10 customized test profiles

### ECONOMICAL

Low reagent consumption  
Long filter life is ensured by high-quality surface coating  
Extended lamp life

### ROBUST

Low maintenance  
Consistent and reliable results  
Indian design and manufacturing

### Optimised optical design

- High sensitivity measurements for kinetic and turbi-dimetric assays (RF, ASO, CRP, etc.)

### One touch access to dedicated assays

- 48 Direct access assays

ACP	ALP	ALB	ASO	BIL	Ca	CK	CL	CRP
ALB	AMY	APACHE	ASO	BIL	CHOL	CKMB	CREA	Fe
GGT	GLU	GLDH	HbA1C	Hb	HCO3	HDL-C	LDH	Ldl-C
LDH	LDL-C	LIP	NI	PHOS	RF	TBA	SGPT	TG
TP	UREA	Zn	JALB	JPRO				

### Aspiration

- High precision peristaltic pump (**European**)
- Non corrosive tubing ensures long life and accurate aspiration
- Aspiration air gap and auto empty function after each sample run
- Minimal chances of carry over



### Light source

- Halogen quartz tungsten lamp (6V, 10 Watt)
- Lamp life saving mode (programmable sleep interval)
- Unique lamp life enhancing circuit



### Printable real time graph

- Real time graph is displayed on screen and can be printed



### Easy maintenance

- Self-diagnosis and system health reporting are an integral part of EL-360
- Easily set photometer gain and perform pump calibration



### Intuitive user interface

- Six informative screens control operations
- Easy navigation through submenus
- Requires minimal training



### Quality control

- Mean, SD, % CV and R calculated for each assay
- Levey-Jennings control chart
- 3 levels per assay
- Westgard Rules



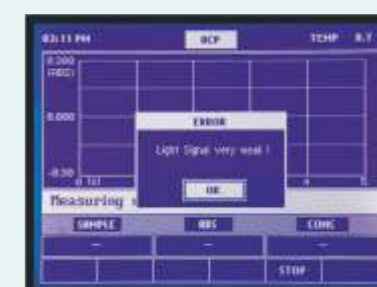
### Calibration

- Factor, one-point, point to point and Log-Logit
- Non linear multi point calibration
- Up to 3 replicates per point
- Up to 10 calibration points



### Error detection

- Early detection and reporting of errors on screen
- Saves time and avoids faulty test runs which save reagents



### Analysis modes

Absorbance	Kinetic with factor and linearity check
Immunoturbidimetry	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