

HORIBA



Yumizen
E60

Electrolyte Analyzer

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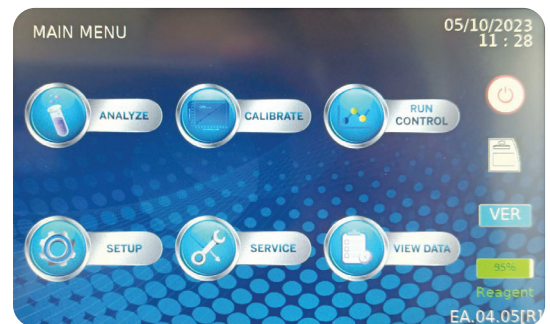
ACCURATE | RELIABLE | FRIENDLY INTERFACE



Yumizen E60 is a user friendly and reliable electrolyte analyzer, ideal for medium to high volume Laboratories and Hospitals. It allows measurement of specific ions, accurately and precisely, supporting fast diagnosis.

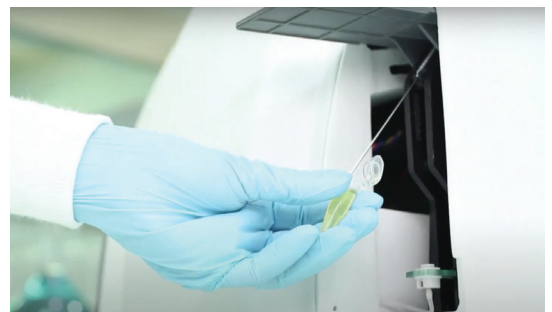
MAIN MENU

- Large graphical display affords convenience of operation & minimizes errors while entering data
- User friendly software with interactive graphical user interface
- Shortcut menu keys for easy operation



ANALYSIS

- Aspiration system: Internal peristaltic stepper motor pump for accurate and precise aspiration of analytes
- Automatic flushing after aspiration of every sample to eliminate carryover
- Precise & accurate result



ELECTRODES

- Electrodes are based on Ion selective principle
- Electrodes can be refilled
- Long life and assured stability



CALIBRATION

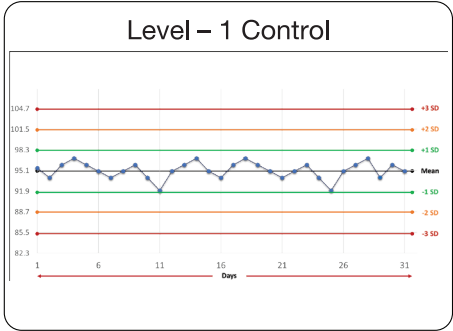
- Two point calibration after 4 hrs/ 8 hrs or 12 hrs. programmable as per user
- One point calibration with each sample analysis
- Displays status of calibration with date and time for each parameter
- Also displays the date and time of next calibration to be performed / due

Measuring Range

PARAMETER	SERUM /PLASMA BLOOD / AQUEOUS
Na ⁺	40 - 205
K ⁺	1.5 - 15
Cl ⁻	50 - 200

QUALITY CONTROL

- Levy Jennings plot of daily and monthly QC data to assess the performance
- Helpful for laboratories in case of accreditation and quality assessment



FLUID PACK

- Convenient easy to place Fluid Pack which contains reagents required for all parameters
- Integrated reagent pack for testing of all parameters
- In-built reagent inventory management software





Yumizen E60

TECHNICAL SPECIFICATIONS

Principle	Ion Selective Electrode (ISE)
Sample Types	Serum, Plasma, Whole Blood, Urine, CSF
Parameters	Na ⁺ , K ⁺ , Cl ⁻
Sample volume	90μL
Analysis Time	60 seconds
Throughput	60 samples per hour
Calibration	Automatic Calibration : • Two point calibration after 4 hours or just before sample analysis • One point calibration with each sample analysis
Normal Ranges	User defined normal ranges for all sample types with flagging for abnormal samples
Data Management	Calibration history, Sample history and Control history of last 30 days
Quality Control	Tri-Level Quality Control, with LJ Plots of last 30 days
Display	5" color LCD with touchscreen display, Resolution: 480 x 272 pixels
Printer	Built-in 2" (48 mm) thermal printer, 42 characters wide
External Interface	USB (Keyboard, Mouse)
Operating Temp.	15 to 35°C
Relative Humidity	5 to 85% Non-condensing
Power Supply	100 to 240VAC 50/60 Hz
Sample Storage	10,000
Dimensions	L 235mm X B 405mm X H 370mm
Weight	8.320 Kgs



For more information
reach out to HORIBA team



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