

evolution^{neo}

Clinical Chemistry Analyzer



EC REP

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Manufacturing Licence No.: MFG/IVD/2023/000121

Technical Parameters

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Touch screen interface with dynamic test access key
Large Graphic display with real time graph display for enzymatic reaction
Graph zoom in option providing clarity of the reaction curves
Built-in thermal printer to print results, enzymatic curves and standard calibration curves

Multi-Programming Modes

Absorbance
Endpoint with standard, factor, sample blank and differential
Fixed Time(Two-point) and multi point Kinetics
Multi standard calibration
Mono or bi-chromatic reading
Turbidimetry

Optical System

Principle: photometry
Range of measurement: 0-2.5 A for 340nm;
0-3.0 A for 405nm onwards
Spectral range selection: automatic via filter wheel
Filters: 340, 405, 505, 546, 578 and 630nm plus two free position
Bandwidth: 10nm (+/- 2nm)
Light source: Halogen lamp 12 V20W
Blanking: Automatic
Detector: Silicon Photodiode

Memory

150+ User Defined Test Programs
2000 Test Result
Reagent Blank
3 Level of QC

Power/Dimensions

Voltage: 120-230 VAC
Frequency: 50Hz
Maximum power: < 100 VA
Maximum relative humidity: 75%
Compact form factor
Weight: ~5kgs

User Interface

Graphic LCD back Lit. 240x64 pixels
Touch Screen input
Data port
Type: Graphic thermal printer
Characters perline: 384 dots/line
Paper: Thermosensitive - 57mm wide

Multi-Programming Modes

Absorbance
Endpoint with standard, factor, sample blank and differential
Fixed Time(Two-point) and multi point Kinetics
Multi standard calibration
Mono or bi-chromatic reading
Turbidimetry

Photometric Block

Peltier regulated 25 C, 30 C and 37 C
Accuracy: +/- 0.1 C
Flow cell of 33 u L
Removable cuvettes: semi-micro and Micro
Continuous flow system with perstatic pump incorporated
Programmable Sipping Volume

Quality Control Chart

Levy-Jennings chart using westgard's rules
30 Normal and abnormal QC values for selected test

**“Let our experience...
be your guide...”**



*** with dedicated system packs**

MARKETED IN INDIA BY :-

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