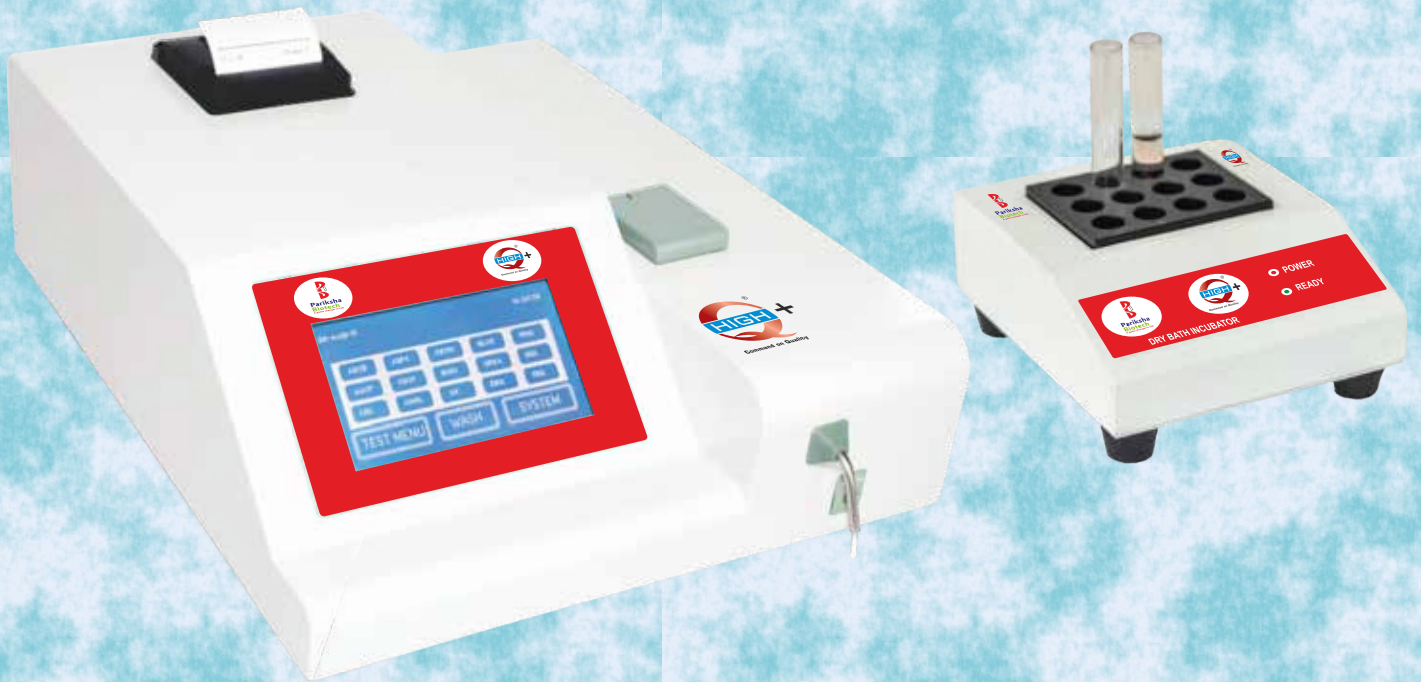


# High-Q + Semi Auto Analyzer with Incubator



**ENZYMES**

**HORMONES**

**SUBSTRATES**

**THERAPEUTIC DRUGS**

**ELECTROLYTES**



**High-Q+ powered by high performance state-of-Art sophisticated electronics and sub system. Thoughtfully designed features makes High-Q+ a simple and easy-to-use equipment .**

- 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
- Two-point (fixed time) 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 peristaltic pump
- Programmable Sipping Volume

## OPTICAL SYSTEM

- Principle: photometry
- Range of measurement: 0-2.5 A for 340nm ;  
0-3.0 A for 405 nm onwards
- Spectral range selection : automatic via filter wheel
- Filters : 340, 405, 505, 546, 578 and 630 nm 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

## USER INTERFACE

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

## QUALITY CONTROL CHART

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

## POWER/ DIMENSIONS

- Voltage : 220 V
- Frequency : 50 Hz
- Maximum power : < 100 VA
- Maximum relative humidity : 75%
- Compact form factor
- Weight: < 5kgs

**QUICK START GUIDE**

**DYNAMIC KEYPAD**

- The last used test programs shall showup on the dynamic keypad
- User can press on the desired test key to directly execute the test programs
- To Edit test program, please go through Test Menu

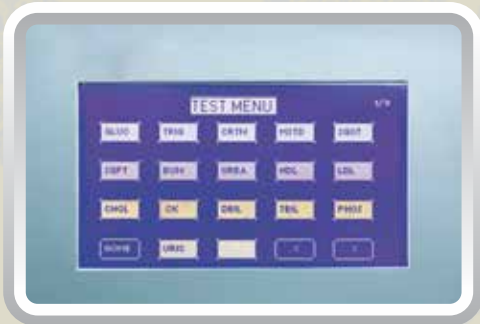


**TEST MENU**

- Contains the entry of all the test program
- User can create / modify / execute the test programs from this menu

**SYSTEM**

- Pump Calibration
- Time/Date Set
- View stored results
- Levy-Jennings chart
- Factory Settings



**TEST MENU**

- Press on the test key to Modify/Execute the test
- Press on the Blank space to create

**EDIT MENU**

- Press on the parameter to be edited
- Use the arrow keys on display to navigate through EDIT pages



**TEST EXECUTION**

- For Factor Calibration, aspirate sample and press STND
- For Blank, aspirate and press on Blank Key
- Please refer to instructions on Status Bar



**STATUS BAR**