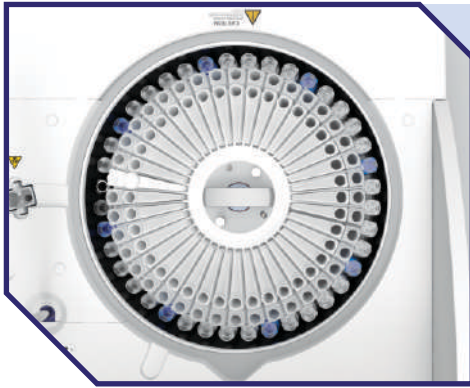


## ULTRA 200



### **COMPACT YET POWERFUL BENCHMARK IN CLINICAL CHEMISTRY AUTOMATION.....**

- Fully Automated Random-Access Biochemistry Analyzer for Medium to Higher sample workload.
- On Board Refrigeration Facility for Reagent and Sample compartment.
  - Stat Facility for emergency requirements.
  - On Board Laundry Facility
- Due to use of Fully closed integrated Optical system instrument offers enhanced life for filter & other optical components.
  - User Friendly Operating system.



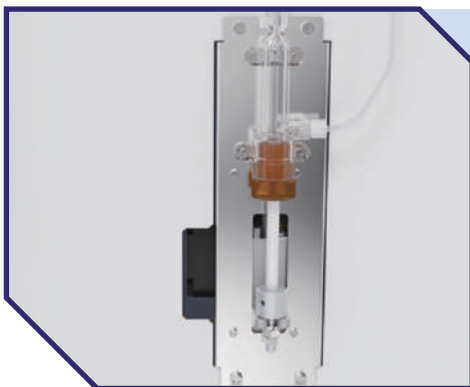
### Reagent & Sample Compartment

- 40 Reagent Position using specific type of reagent container.
- 40 sample position that can accommodate either micro sample cups or Primary Tubes.
- Peltier regulated cooling system that ensures constant temperature of 2° to 14° C.
- STAT position can be defined anywhere on sample positions.



### Diverse Functioning Reagent / Sampling Probe

- Internally & externally mirror polished multi functional probe with Internal & External Washing.
- With Liquid Detection facility for exact detection of reagent & samples.
- Auto Probe depth adjustment for collision protection.



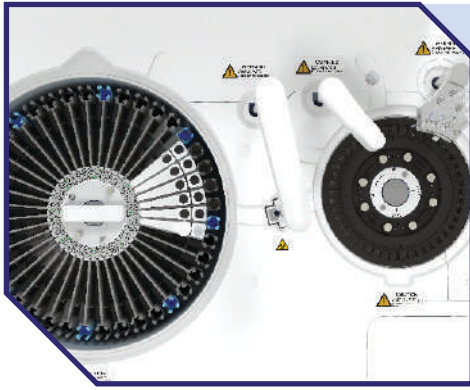
### Ceramic Syringe with higher precision

- Offers accuracy during every stage of pipetting.
- Precise aspiration & dispensing even at step of 0.1µl.
- Ceramic material for Long Life of Syringe.



### Excellent Mixer Design

- Uniform mixing effect due to standardized mixing step procedure.
- No carry over because of Teflon coated mixture design.



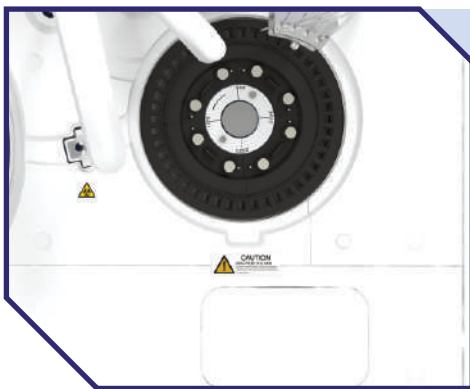
### Reaction Tray & Optical system

- 44 individualized semi-permanent plastic cuvettes.
- Reaction volume of 150µl - 450µl.
- Automatic laundry with 2 step 6 stop washing.
- Washing with Deionized water - No Alkaline Wash solution.
- Reaction Area with constant Temperature of  $37 \pm 0.1^\circ \text{C}$ .
- Fully closed integrated optical system with 8 interference filters, and 4 optional positions.



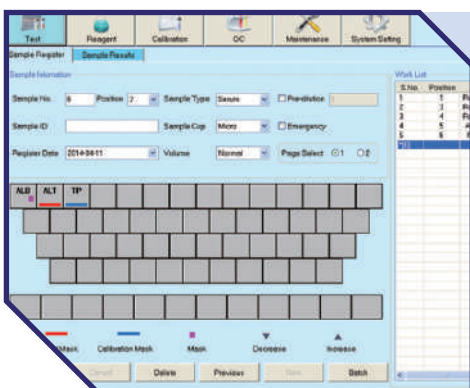
### Refrigeration

- Separate Power Switch for Refrigeration.



### Lamp Assembly

- Easily accessible external window for changing Lamp Assembly.



### User Friendly Advanced Operating System

- User friendly software interfacing for easy operation.
- Linear & Non-Linear calibration with Multipoint Calibration up to 8 points.
- User defined sample & Calibrator dilution facility.
- Quality Control with westgard using L-J Plot cumulation.

# ULTRA 200

## TECHNICAL SPECIFICATIONS\*

### Sample Unit

- **Sample Tray** - 40 Sample Positions.
- **Sample Tube** - Micro cup & test tube, blood collection tube can also be used.
- **Sample Volume** - 2-30µl, step by 0.1µl.
- **Sample Barcode** - Optional.

### Reagent Unit

- **Reagent Tray** - 40 reagent Positions (40 for R1 & 40 for R2), Non-stop cooling system interface with peltier pad inside, for constant temperature 2° C - 14° C.
- **Reagent Volume** - 20 - 300 µl, step by 1µl.
- **Reagent Needle** - Reagent volume detection, Collision protection.

### Operating System

- **Operation System** - Windows 7, Windows 8, Windows 10
- **Data Processing** - Automatic Calibration. Blank Deduction. Dirty Cuvette Memory. Editable Reference Ranges. Customized Sample Dilution. Panel Test.....
- **Report Printings** - 6 formats optional. TCP/IP network interfacing.



### Optical System

- **Light Source** - Halogen Lamp
- **Wavelength** - 340nm; 405nm; 450nm; 505nm; 546nm; 578nm; 630nm; 700nm; +4 more options.
- **Absorbance Range** - 0-4.
- **Resolution** - 0.0001 Abs

### Working Condition

- **Power Supply** - AC 110/220V ±10%, 50/60 Hz 650W
- **Dimension** - 870mm x 690mm x 740mm (LxWxH)
- **Weight** - 80kgs

Marketed In India By :



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