

# U-RA

SEMI-AUTO CHEMISTRY ANALYSER

## TECHNICAL specifications

Absorbance Range	-0.500-3.000 Abs
Resolution	0.001 Abs(displayed), 0.0001 Abs(calculated)
Light Source	12V/20W Halogen lamp with long life
Wavelengths	340, 405, 500, 546, 578, 620nm, 2 more filters optional
Wavelength Accuracy	±1nm
Band Width	<8nm
Flow Cell	Metal-quartz flow cell
Temperature Control	25°C, 30°C, 37°C±0.1°C and ambient temperature (Peltier Controlled)
Cross Contamination Rate	<1%
Display	LCD display with online graphics
Printer	Built-in thermal printer
Interface	RS-232 serial cable
Power Supply	AC 100V-240V ±10%, 50-60Hz, 80VA
Net Weight	7 KG
Dimensions L x W x H (mm)	360 x 318 x 160

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SEMI-AUTO CHEMISTRY ANALYSER



Pre-programmed for all  
*Ozone Clinical Chemistry*

Dual Mode-Flow Cell + Cuvette

Online display of reaction curve

Peltier controlled : 25, 30, 37°C

Six Filters including 578 and 620nm

Onboard Printer

Open System



**VPS Enterprise,**

H.No.26, Suresh Kene Building,  
Devrung, Near Z.P School,  
Bapgaon, Kalyan, Thane.

339, Plot No.20, Block No.2,  
Gaurav Park, Behind Vatika Ashram,  
Pimprala, Jalgaon-425002

B17, Ghatkopar Industrial Estate,  
Behind R-City Mall, Ghatkopar West,  
Mumbai-400086

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# U-RA

## SEMI-AUTO CHEMISTRY ANALYSER

- **OPEN SYSTEM :**  
Any reagent can be programmed on the analyzer.
- **WIDE ANALYTICAL MODE :**  
U-RA can perform End-point, Two-point, Kinetic, Bichromatic, with or without reagent blank, sample blank and Multistandard Tests.
- **WIDE WAVELENGTH RANGE :**  
U-RA has safe and durable 6 high quality filters covering a wide spectrum of 340nm -700 nm i.e 340, 405, 500, 546, 578, 620nm plus two vacant positions for additional / optional filters.
- **ONLINE GRAPHICS**  
U-RA shows on-line graphs for all assays in real-time mode on a large display
- **WIDE ABSORBANCE RANGE**  
U-RA has wide Abs range i.e. -0.500-3.000Abs which is required for complete biochemistry range to do all the in-vitro biochemical Tests.
- **LOW FLOW CELL VOLUME :**  
U-RA requires only 30 $\mu$ l Flow Cell volume with long life and durable Flow Cell made up of quartz/stainless steel.
- **LARGE MEMORY :**  
U-RA can store up to 60 Test Programs and has a Huge Memory to store 2000 Tests Results.  
All Ozone Chemistry tests are pre-programmed



- **EASY MAINTENANCE :**  
U-RA has a very convenient daily maintenance providing ease of use for the operator
- **DOUBLE RELIABILITY :**  
U-RA can be operated in dual mode i.e. both flow cell and cuvette.
- **PELTIER CONTROLLED :**  
The peltier in UR-A allows tests to be performed at 25°C, 30°C & 37°C.
- **ON BOARD THERMAL PRINTER :**  
U-RA has on-board high speed thermal printer that allows to take instant printout of the reports.
- **INCUBATOR :**  
External Optional incubator can be attached
- **SIMPLE OPERATION :**  
U-RA is designed for simplicity with intuitive user friendly software. Practically no training is required to operate the analyzer.

Membrane Keyboard



On-board Printer



Dual Mode  
(Flow cell & Cuvette)

