

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

U-RA

SEMI-AUTO CHEMISTRY ANALYSER



Pre-programed 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



Medsource Ozone Biomedicals Pvt. Ltd.

Marketing Office : Plot No. 7, Site No. 2,14/3 Milestone,
Delhi Mathura Road, Faridabad -121003 (Haryana) INDIA
Tel. : +91-129-4113607 / 08 Fax : +91-129-4049344
E-mail : mail@ozonebio.com Website : www.ozonebio.com



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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 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

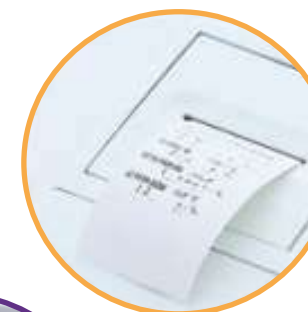
➤ SIMPLE OPERATION :

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)

