

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



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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 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

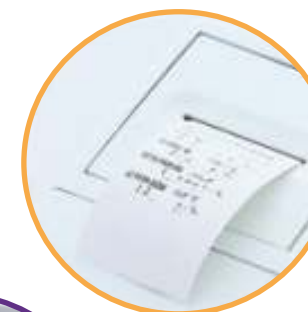
➤ SIMPLE OPERATION :

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)

