

ARX-100

Clinical Chemistry Analyzer

Enzymes
Substrates
Electrolytes
Turbidimetry



MICRO LAB 
INSTRUMENTS

Salient Features:

- User friendly software
- Editing of patient ID, Name (12 characters) Factor.
Print out of laboratory name & Doctor's name.
- For Kinetic test : On line Graph & OD. Graph editing facility.
- Universal input voltage 90 to 265 V/50 - 60 Hz.
- Storage of 1000 test results in the memory with patient ID.
- Lamp Saver mode.
- Auto Filter Selection.



ARX-100

Technical Specifications

METHODS OF ASSAY

ABS/EP with Factor/KIN/Fix Time/
Differential/Multi point of 10 STD

OPTICAL SYSTEM

Principle : Absorption spectrometry
Range of measurement : From -0.1 to 3.0A
Normal Spectral range: Automatic via filter wheel
Filters: 340, 405, 505, 546, 578,630 nm. ± 2 extra position
Bandwidth: 10nm (± 2 nm)
Light source: Halogen lamp
Zero: Automatic
Settings: Monochromatic and Bichromatic readings.
Detector: Schottkey type photodiode - Silicon

THERMOSTAT SYSTEM

Peltier regulated 25°, 30° & 37°C programmed
Accuracy : $\pm 0.2^\circ\text{C}$

CUVETTES - MODE

Removable cuvettes : Macro, Semi-micro & Micro

PRINTER

Type : Fast Thermal Graphic
Printer speed : 50 mm/sec
Dots per line : 384 dots/line
Paper : Thermo sensitive, 57 mm wide

SCREEN AND KEYBOARD

LCD blue LED back lit : 240 x 64 pixels.
Keyboard : Tactile Soft-touch

PROGRAMMING

100 Tests, 9 units, And quality control storage
of the last 30 results.
Memory: 128 KB EEPROM

QUALITY CONTROL

2 Controls per test - Normal & Abnormal

POWER / DIMENSIONS

Voltage	: 110-220 V
Frequency	: 50 - 60 Hz
Maximum power	: <80W
Temperature	: 10° to 40° C
Maximum relative humidity	: 80%
Dimensions	: 40 cm x 32 cm x 16 cm
Weight	: 5 kgs

Technical Specifications subject to change without prior notice.

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