

ARX-199/199i

Versatile Clinical Chemistry Analyzer

Enzymes | Substrates | Therapeutic Drugs | Electrolytes | Turbidimetry



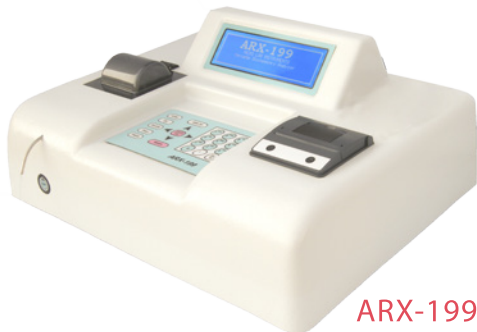
ARX-199



ARX-199i

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Versatile Clinical Chemistry Analyzer



ARX-199



ARX-199i

Technical Specifications

Methods of calculations

Absorbance / Kinetics / Fixed time /
End point with standard / factor
Differential /
Multipoint upto 10 standards

Suction system

Bi-Directional peristaltic pump /
Sipping volume programmable from
200 μ L to 1.0 ml.

Programming

Table of tests: up to 200
Table of units: up to 9 units
Memory: 1000 test results
Quality control storage of the last 30 results

Quality control

2 controls per test - Normal & Abnormal
Levy-Jennings charts & Westgard's rules

Interface

Screen: Graphic LCD 240x64 pixels
Keyboard: Tactile Soft - Touch
Printer: Built-in 57mm thermal printer
RS - 232 for PC connection
Parallel port for 80 column dot matrix printer*

Thermostat system

Accuracy: $\pm 0.1^{\circ}\text{C}$
Peltier regulated 25° , 30° and 37°C / RT

Cuvettes

Flow cell of 18 μ L or 32 μ L
Removable Cuvettes: Macro, Semi-micro &
Micro plastic or glass

Dry bath incubator (specific to ARX-199i)

13mm diameter: 15 positions
10mm diameter: 4 positions
Default Temperature: 37°C ($\pm 0.2^{\circ}\text{C}$)

Optical system

Principle: Absorption spectrophotometry
Measurements: From -0.1 to 3.0A
Spectral range: Automatic via filter wheel
Filters: 340, 405, 505, 546,
578 & 630nm
+ 2 extra positions
Bandwidth: 8nm (± 2 nm)
Light source: Halogen lamp
12V / 20W or 6V / 10W
Zero: Automatic
Settings: Monochromatic and
Bi-chromatic mode
Detector: Schottkey type
photodiode - silicon

Power / Dimensions

Voltage: 110 - 220V / 50 - 60 Hz
Power Supply: <60W
Temperature: 10°C to 40°C
Relative humidity: $\leq 80\%$
Dimensions: 40cm X 32cm X 16cm

Technical specifications subject to change without prior notice

Product manufactured by Micro Lab Instruments
An ISO 9001:2008 certified company

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