



ARX-199 / 199i[®]

Versatile Clinical Chemistry Analyzer

Enzymes | Substrates | Therapeutic Drugs | Electrolytes | Turbidimetry



ARX - 199



ARX - 199i

Products Manufactured By



ISO Certification : 9001:2008

CRYSTAL DIAGNO VISION

Unit No. 31 & 32, C wing, 5th floor, KK Market, Dhankwadi, Pune 411043

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Versatile Clinical Chemistry Analyzer

CRYSTAL

— DIAGNO VISION —



ARX - 199



ARX - 199i

METHODS OF CALCULATIONS

Absorbance/ Kinetics / Fixed Time /
End Point with Standard / Factor / Differential /
Multipoint upto 10 Standards

INTERFACE

Screen: Graphic LCD 240x60 pixels
Keyboard: Tactile Soft - Touch
Printer: Built-in 57mm thermal printer
RS - 232 for PC connection
Parallel port for 80 column dot matrix
Printer - optional

OPTICAL SYSTEM

Principle: Absorption Spectrophotometry
Measurements: From -0.1 to 3.0 A
Spectral Range: Automatic via Filter Wheel
Filters: 340, 405, 505, 546, 578 & 630nm
+ 2 extra positions
Bandwidth: 8nm (±2nm)
Light Source: Halogen Lamp 12V/20W or 6V/10W
Zero: Automatic
Settings: Monochromatic and Bi-chromatic
mode
Detector: Schottkey Type Photodiode - Silicon

PROGRAMMING

Table of Tests: Upto 200
Table of Units: Upto 9 Units (Editable)
Memory: 1000 Test Results
Quality Control Storage of the last 30 Results

DRY BATH INCUBATOR

13mm Diameter: 15 Positions
10mm Diameter: 4 Positions
Default Temperature: 37°C (± 0.2°C)

POWER / DIMENSIONS

Voltage: 110 - 220 V / 50 - 60 Hz
Power Supply: <60 W
Temperature: 10°C to 40°C
Relative Humidity: ≤ 80%
Dimensions: 40cm x 32cm x 16cm

CUVETTES

Flow Cell of 18µL or 32µL
Cuvettes: Macro, Semi-Micro & Micro
Plastic or Glass

SUCTION SYSTEM

Bi-Directional Peristaltic Pump / Sipping
Volume Programmable from 200µL to 1.0µL

QUALITY CONTROL

2 Controls per Test - Normal & Abnormal
Levy-Jennings Charts & Westgard's Rules

THERMOSTAT SYSTEM

Accuracy: ± 0.1°C
Peltier Regulated 25°, 30° and 37° RT

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