

Specifications

ANALYSIS

- **System:** Discrete Random Access Multi-test Analysis
- **Throughput:** 120 tests/hour
- **Methods:** End point, Fixed time, Kinetic, Differential

SAMPLE

- **Type:** Serum, Plasma, Urine, CSF
- **Position:** 40 Sample positions
- **Sample Container:** Cups & Primary Tubes
- **Volume:** 2-30 µl

REAGENT

- **Positions:** 80 positions for Single & Dual Reagents
- **Volume:** Programmable from 20 to 300 µl for R1 & R2 Combined
- **Cooling Temperature:** 4-15 °C

REACTION

- **Reaction Cuvettes:** 50 Disposable Reaction Cuvettes
- **Typical Reaction Volume:** 150-300 µl
- **Reaction Temperature:** 37°C ± 0.1°C

OPTICAL SYSTEM

- **Light Source:** Halogen-Tungsten lamp
- **Wavelength:** 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm and 700nm, expandable.
- **Linear Range:** 0-3 ABS

CONTROL AND CALIBRATION SYSTEM

- **Calibration Mode:** Linear (One point, Two Point and Multi Point), Logit-Log, Spline, Exponential, Polynomial, Parabola. Multi point up to 8 Points.
- **Control Rules:** Westgard Muti-Rule, with Levey Jennings.

INTERFACE

- **Operating System:** Windows based
- TCP/IP Network interface

WORKING ENVIRONMENT

- **Power Supply:** 220 Volt ± 20 Volt, 50 Hz
- **Power Consumption:** ≤ 400 VA
- **Operating Temperature:** 15-30°C
- **Humidity:** ≤ 85%
- **Water Consumption:** Typical 2-4L/hr (max)

DIMENSION

- 750mm X 550mm X 500mm

WEIGHT

- Approx 75 Kgs



Contact Us

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COMPACT YET PRECISE...



InnoChem® C100

FULLY
AUTOMATED
CHEMISTRY
ANALYSER

Upto 120 Tests per Hour



SAMPLE SYSTEM

- Sample Tray: 40 Sample Positions
- Sample Volume: 2-30 μ l
- Sample Probe: Liquid Level Detection and Collision Protection
- Probe Cleaning: Automatic Washing both Inside and Outside
- Carry Over \leq 0.1%
- Automatic Sample Dilution for Rerun



REAGENT SYSTEM

- 80 Positions for Single and Dual Reagents
- On board cooling maintaining Temperature at 4-15°C
- Reagent Bottle Size: 20 ml and 35 ml
- Reagent Volume: 150 - 450 μ l, Programmable by 1 μ l step, R1 and R2
- Reagent Probe: Automatic Liquid Level Detection & Collision Protection
- Real-time monitoring of Reagent Volume in bottle
- Probe Cleaning: Automatic Washing both Inside and Outside Carry Over \leq 0.1%



REACTION SYSTEM

- Reaction Tray: 50 disposable cuvettes can be loaded
- Reaction Cuvettes: Optical grade plastic
- Reaction Volume: 150-300 μ l
- Reaction temperature: 37°C \pm 0.1°C
- Mixing System: Independent mixing probe

