Csense 120

Entry Level Automated Closed System for Clinical Chemistry and Turbidimetry



Technical Specifications

System Functions

: Discrete random access System Throughput : 120 T/H (single/double

Analysis method : End-point, Two-point, Kinetic

Sample & Reagent system

Sample positions : 20+2 positions, up to 71 : 1 independent polished Sample & reagent probe

treated probe with mixing

function

Sample volume : 2~100 μl, 0.1 μl stepping

Sample & reagent probe technology: X+Y+Z dispensing system,

Liquid level detection Sample & reagent probe cleaning : Automatic washing both

interior and exterior

Reagent positions : 50 positions with on-board

cooling

Reagent volume : 15~300 μl, 1 μl stepping

Reaction System

Cuvette specifications : Individually positioned 48

cuvettes

Reaction temperature : 37°C

: Waste liquid level alarm Waste water treatment

De-ionized water level alarm

Reaction cuvette cleaning : On-board 6 stage cuvette

washing with autowash

concentrate

Optical System

Light source : 10W/6V halogen lamp Wavelength : 8 wavelengths-340nm,

> 405nm, 450nm, 510nm, 546nm, 578nm, 630nm,

700nm

Absorbance range 0~3.5 Abs Resolution 0.0001 Abs

Calibration and QC

Calibration rules 10 types (Factor, 1-point, 2-

> point, Multipoint, Spline, Logit-log 4P/5P, Exp 5P,Poly

5P, Parabola)

Control rule Westgard multi-rule, L-J

plot

Operating System

Operating system Win 7/Win 10 Interface : Standard RS-232

Working Conditions

: AC110/220V, 50/60Hz, Power supply

300W

: 15~30°C Temperature : 35-80% Humidity Water consumption: 3~5 L/Hour

Weight & Size

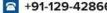
Dimensions 500mm X 440mm X 470mm

Net weight : ~40Kg



MEDSOURCE OZONE BIOMEDICALS PVT. LTD.

PLOT NO. 109, HSIIDC, SECTOR-31, FARIDABAD, HARYANA (INDIA)-121003











Csense 120

Automated Chemistry Analyzer with System Packs





Csense 120 Everything you wanted and more!

Csense 120

Features that provide everything you wanted!

Entry Level Automated Closed System for Clinical Chemistry and Turbidimetry



Liquid Handling

- Unique discrete, X+Y+Z dispensing system
- Reagent/Sample probe with stirrer mixing facility
- Liquid level detection
- Collision protection of probe
- Automatic probe washing by internal, external and stirrer wash
- Backed by maintenance-free diluter



On-board Laundry

- Automatic 6-stage on-board washing station with auto wash concentrate
- Maintenance-free vacuum pumps
- Automatic cuvette auto-zero after washing of each cuvette
- Alarm for waste liquid level & de-ionized water level, washing solution



Reaction Carousel

- 48 individually positioned reaction cuvettes
- High quality reusable cuvettes
- Thermostat technology to maintain temperature at 37°C



COMPACT

- Small foot-print with powerful aesthetics (0.1 m³)
- The most compact automated chemistry and turbidimetry analyzer

FAST

Constant throughput of 120 test/hour with single or double reagent assay

SMART

- On-line inventory for reagents, waste and de-ionized
- Easy profiling of any assays
- On-line graph monitoring for any reactions
- Pre-programmable auto-serial dilution of calibrators

ECONOMIC

- System packs with defined number of tests
- On-board laundry with reusable cuvettes
- Long life lamp

ACCURATE

- Pre-programmed with OzoSense System Packs
- Reliable results and stable performance

Empowered by



- Improved accuracy and reliability
- No reagent refilling/ top-up required
- Pre-programmed and validated
- Reduced handling errors
- Special stabilizers used for enhanced on-board stability
- Guaranteed number of tests
- Easier accreditation
- Reduced contamination and application errors
- Convenient Pack Sizes
- ▶ Fully compatible with OzoCal, OzoNorm and OzoPath



Reagent & Sample Rack

- Flexible metallic drawer-style reagent and sample rack
- Interchangeable reagent and sample position
- Max 50 reagent positions and max 71 sample positions
- Continuous sample loading
- Cooled reagent unit with peltier elements
- Sean and place ozosense system pack