



CHEMIA 200

Auto Chemistry Analyzer

MINI-SIZE & POWERFUL PERFORMANCE



SICURO

CHEMIA 200

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Details

The low cost of ownership of CHEMIA 200 auto chemistry analyzers help laboratories achieve their goals and manageresources effectively without compromising quality.

Introduction

- » CHEMIA 200 is a “Mini-size”, fully-auto bench-top chemistry analyzer, the throughput up to 200 tests per hour.
- » It is perfect for low-volume laboratories or as a backup analyzer for mid-to-high volume laboratories.

Features



Efficient cleaning

- 7-Step and 2-Stage washing station
- Can efficiently clean the cuvette
- Guarantee the result's accuracy
- Extend the lifespan of cuvettes



Automatic dilution and retest

When the result is out of linear range, the analyzer can dilute the sample and retest automatically, no manual operation required

Simple and easy to use

- The operation software is simple and easy to use
- Low requirement to PC
- Support remote diagnosis and control
- Convenient for maintenance and fixing

» Working condition

Temperature	10-35°C	Weight	36 Kg
Humidity	40%~85%	Water consumption	≤ 5 L/H
Power supply	AC 110V or 220V, 50/60Hz, 500VA		
Dimension	560mm*420mm*380mm (L*W*H)		

» Operation system

Data storage	100,000 results
Printer	External printer
Interface	RS232

» System function

General	Benchtop, automatic, random access, STAT priority
Throughput	200T/H
Principle	Colorimetry and turbidimetry
Methodology	End-point, fixed-time, kinetic
Programming	Open or closed system on demand

» Reagent/Sample handling

Reagent/Sample tray	40 reagent positions	40 sample positions
Reagent volume	10-300 µL, step by 1 µL	
Sample volume	2-50 µL, step by 0.1 µL	
Reagent/Sample probe	Liquid level detection, vertical collision protection	
Probe cleaning	Auto interior and exterior wash	

» Optical system

Light source	Halogen tungsten lamp	Absorbance	-0.3-5.0 Abs
Optical system	Static optical fiber transit system, optical filter style, multi-wavelength spectrophotometer		
9 Wavelengths	340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 620nm, 660nm, 700nm		

» Reaction system

Reaction volume	150 - 360 µL	Reaction tray	60 reusable cuvettes, auto cuvette washing station
Reaction temperature	37.0 ± 0.1°C	Heating method	Solid heating

» Calibration and control

Calibration	Linear, Logit-Log 4P, Logit-Log 5P, SegmentLine, Exponential 5P, Polynomial, Poly4, Spline
Control	Westgard multi-rule, L-J graph

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Auto Chemistry Analyzer

Integrated

- Small footprint on the desk
- Large reagent and sample compartment
- Complete solution with reagents
- Powerful data transmission with RS232



Economical

- Reaction volume: only 150 ul
- Lower water consumption: $\leq 5L/H$
- Halogen lamp up to 2000H
- Reusable cuvette
- Fewer consumable



Precision

- Reagent inventory monitoring
- Auto reagent refrigeration
- Accurate probe pipetting technique
- Auto probe washing reduces carry-over
- Simultaneous dual-wavelength measuring



Convenient

- Solid heating, maintenance-free
- Removable reagent disk

