

» Working condition

Temperature	10-35℃	Weight	25.7Kg
Humidity	40%~85%	Water consumption	≤ 5 L/H
Power supply	AC 110V or 220V, 50/60Hz, ≤ 350VA		
Dimension	690mm*410mm*480mm ( 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	180 - 360 μL	Reaction tray	60 reusable cuvettes, auto cuvette washing station
Reaction temperature	37.0 ± 0.2℃	Heating method	Air 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

HRJ Biotech Medical Co., Ltd.

Add: No. 10, Daiwei West Road, Economic Development zone, GaoChun District,  
Nanjing City, JiangSu Province, 211300, P.R. China

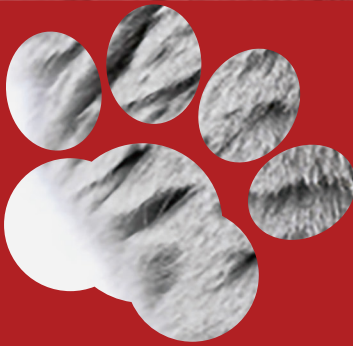
Web: <http://www.hrjbio.com>

Email: [info@hrjbio.com](mailto:info@hrjbio.com)

Tel: +86 0755 23100589



HRJ-BIO





# HRJ-C100V

## Details

The low cost of ownership of HRJ-C100V auto chemistry analyzers help laboratories achieve their goals and managresources effectively without compromising quality.

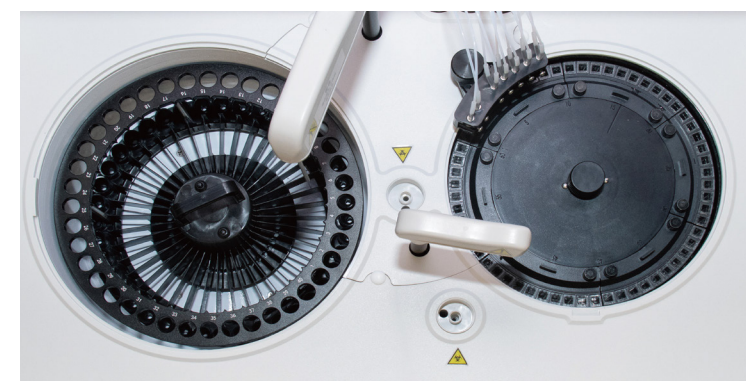
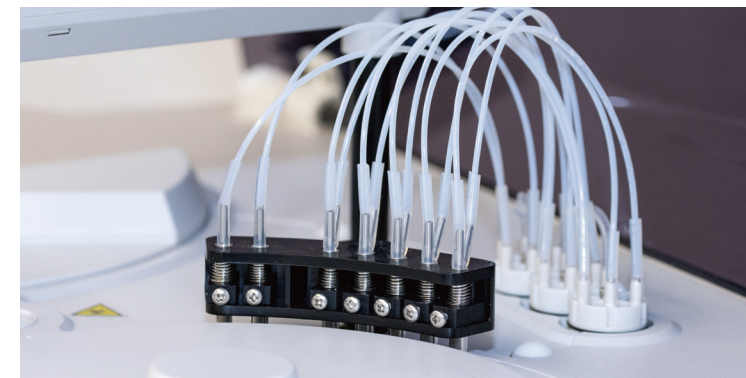


Vet Chemistry Analyzer

## Introduction

HRJ-C100V 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.



## Integrated

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

## Economical

- Reaction volume: only 180  $\mu$ L
- Lower water consumption:  $\leq 5$ L/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

- Air heating, maintenance-free
- Removable reagent disk
- 24-hour uninterrupted Refrigeration System