Reagents	
Liver Function	ALT、AST、ALP、GGT、TBIL、DBIL、TP、ALB、ADA、TBA、PA、LAP、CHE
Blood Lipid	TG、CHO、LDL-C、HDL-C、ApoA-I、ApoB、Lpa、NEFA
Renal Function	UREA、CREA-E、UA、Cys-C、RBP、UMA、B2M、α-AMY
Blood Sugar	GLU-H、HbA1c、FMN
Blood Gas & Electrolyte	Ca、Co_2、Mg、Fe、P
Special Protein	ASO、RF、CRP、hs-CRP、IgA、IgG、IgM
Myocardium Zymogram	CK、CK-MB、LDH、α-HBDH、HCY



BT-200

Auto Chemistry Analyzer

Technical specifications

General information	Machine type	Fully automatic analyzer, random access, STAT sample in priority
	Test speed	Chemistry: constant 200 tests/hour Chemistry+ISE(optional): constant 400 tests/hour
	Test principle	Colorimetric method, turbidimetry method, ISE method
	Test method	Endpoint method, fixed-time method (two-point method), kinetic method (rate method)
Reagent/Sample Unit	Sample/reagent tray	40 sample positions, support barcode scanning, automatic dilution, retesting and manual retesting. Samples can be inserted for emergency handling at any time and will be prioritized for processing. 80 reagent positions, the outer 40 reagent positions support barcode scanning, 24-hour uninterrupted cooling function.
	Sample/reagent probe	1 probe, liquid level detection, volume tracking, anti-collision, clog detection(optional)
	Sample volume	Chemistry: 1.5~45μL, step by 0.1μL ISE: 70μL (serum), 140μL (urine)
	Reagent volume	10~240μL, step by 1μL
Mixing system	Mixer	1 independent mixer
Reaction unit	Cuvette	48 reaction cuvettes, each with a light diameter of 5mm
	Reaction volume	70~315μL
	Temperature	37℃±0.1℃
	Cuvette washing	2*4 stages automatic washing with alkaline cleaning solutions
Optical system	Light source	Halogen lamp, average lifespan of 2000 hours
	Wavelength	8 wavelengths, 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm, 700nm
Built-in barcode scanning (optional)		Applicable to sample and reagent barcodes. Reading code formats: Codabar, ITF (Interleaved Two of Five), code128, code39, UPC/EAN, Code93
ISE module (optional)		K+, Na+, CL-
QC/Calibration	Calibration modes	K-factor method, two-point linear, multi-point linear, spline, polyline, exponential, Logit-Log3P, Logit-Log4P, Logit-Log5P
	QC Rules	Westgard, Levey-Jennings, Cumulative sum check, Twin plot
Operation system Unit	PC Operation system	Windows10 64bit and above editions
	System interface	TCP/IP network cable connection
Others	Power Supply	100~240V, 50/60Hz
	Rated power	500VA
	Dimension	750*565*507(mm)
	Weight	60 Kg

BIOELAB
E-LAB Biological Science & Technology Co., Ltd.

400-018-6818
The customer service hot line

Address: Building 9, No.1 Kechuang Road, Yaohua Street, Qixia District, Nanjing City, Jiangsu Province,210046,China
Tel: 086-025-83269256 Fax: 086-025-83269255
Web: en.bioelab.net E-mail: info@bioelab.net
E-LAB reserves all rights to make any modification of machine without prior notice. ELAB-YW-BT-200



BT-200

Auto Chemistry Analyzer



BIOELAB

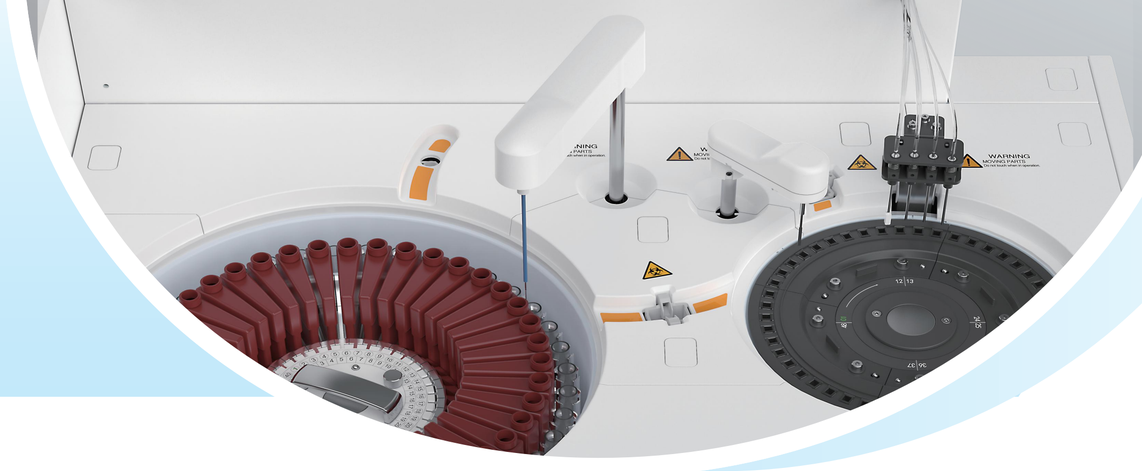
BT-200

Auto Chemistry Analyzer

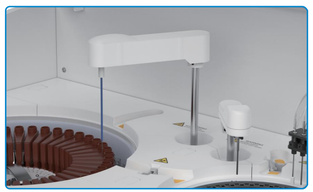
Advanced operating system

- Optional computer with touch screen, flexible & convenient
- User friendly software interface, simple & easy to operate
- Sample automatic dilution(decrease, increase, normal)
- Reaction result automatic checking and warning, calibration result automatic checking, warning alarm log
- Linear & nonlinear calibration, multi-points calibration up to 8 points









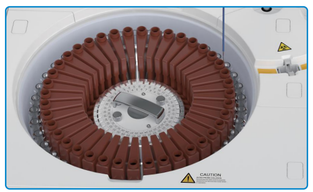
Multifunctional Precision Sampling Probe

- Support inner and outer wall cleaning, reduce carry-over
- Liquid level detection, volume tracking, anti-collision, probe blockage alarm



Excellent Mixer Design

- Teflon coating mixer, reduce water droplet (reduce carry-over)
- Excellent mixing effect with standard mixing procedure



Reagent & Sample Tray

- 40 sample positions, support barcode scanning(optional), automatic dilution, retesting and manual retesting. Samples can be inserted for emergency handling at any time and will be prioritized for processing
- 80 reagent positions, the outer 40 reagent positions support barcode scanning(optional), 24-hour uninterrupted cooling function

Chemistry Reagents



Reaction Tray

- 48 recycable cuvettes
- Reaction volume 70~315 μL
- Reaction temperature is 37 ℃±0.1 ℃



Cuvette washing

- 2*4 stages automatic washing
- Alkaline cleaning solutions



Bioelab Intelligent-Sampling technology creates an innovative platform for HbA1c detection, supporting whole blood testing, easy to use and highly accurate.

Convenient operation

No pretreatment is required, the whole blood sample can be directy loaded onto the machine
Intelligent-Sampling technology supports the absorption of RBC below the sample liquid surface

Accurate and reliable

The results are traceable. The Intelligent-Sampling sampling technology avoids errors caused by insufficient effective RBC sampling volume and provides reliable diagnostic data for clinical practice

