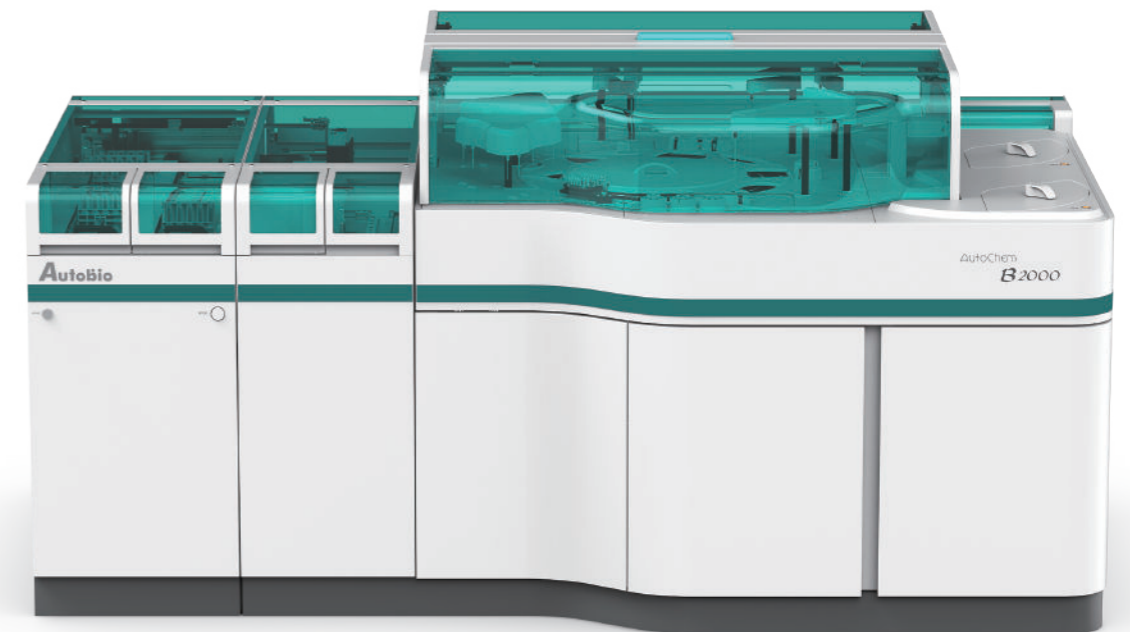


INNOVATION · MANUFACTURE · INTEGRATION · SERVICE

AutoChem B2000 Series Automatic Chemistry Analyzer



Autobio Diagnostics Co., Ltd.

offers more than 600 in vitro diagnostic products including CLIA(microplate based CLIA and magnetic particle based CLIA),ELISA,POCT(Point of Care Test),Microbiology and Biochemistry. As an ISO9001 and EN ISO13485 manufacturer, Autobio supplies high quality products through its well established sales network and is renowned as a reliable partner. For details please visit en.autobio.com.cn. Autobio Diagnostics Co., Ltd. | NO.87 Jingbei Yi Rd | National Eco&Tech Zone | Zheng zhou City | China 450016.

You can find us on:

Facebook: @AutobioGlobal
Youtube Channel: Autobio Diagnostics
Email: info@autobio-diagnostics.com
WhatsApp: +8618595767835
Tel: +86 371 6200 7036



Automatic Chemistry Analyzer20240816e

en.autobio.com.cn



HIGH-QUALITY AND ACCURATE NEW EXPERIENCE, BIOCHEMICAL TESTING MORE SIMPLE

Efficiently



Accurate



Intelligent



Economics



9600_{T/H}
Maximum
Expansion Capacity

150,000
customer requests

42
utility model and
invention patents

AutoChem *B2000* Series

125+
biochemical
reagents fully
adapted

180
extra-large
reagent positions/
70ml

<0.1 ppm
sample needle carry
contamination



AutoChem B2000 Series

Innovative design, Quality testing

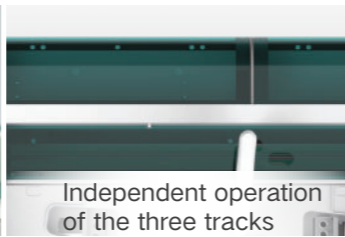
High-speed travel



One-Step Emergency Care Initiation



Two independent sample needles



Independent operation of the three tracks

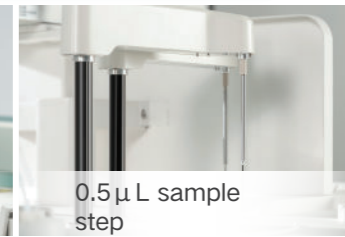
High Precision Sampling



Durable Precision Piston Pumps



0.1 µL sample step

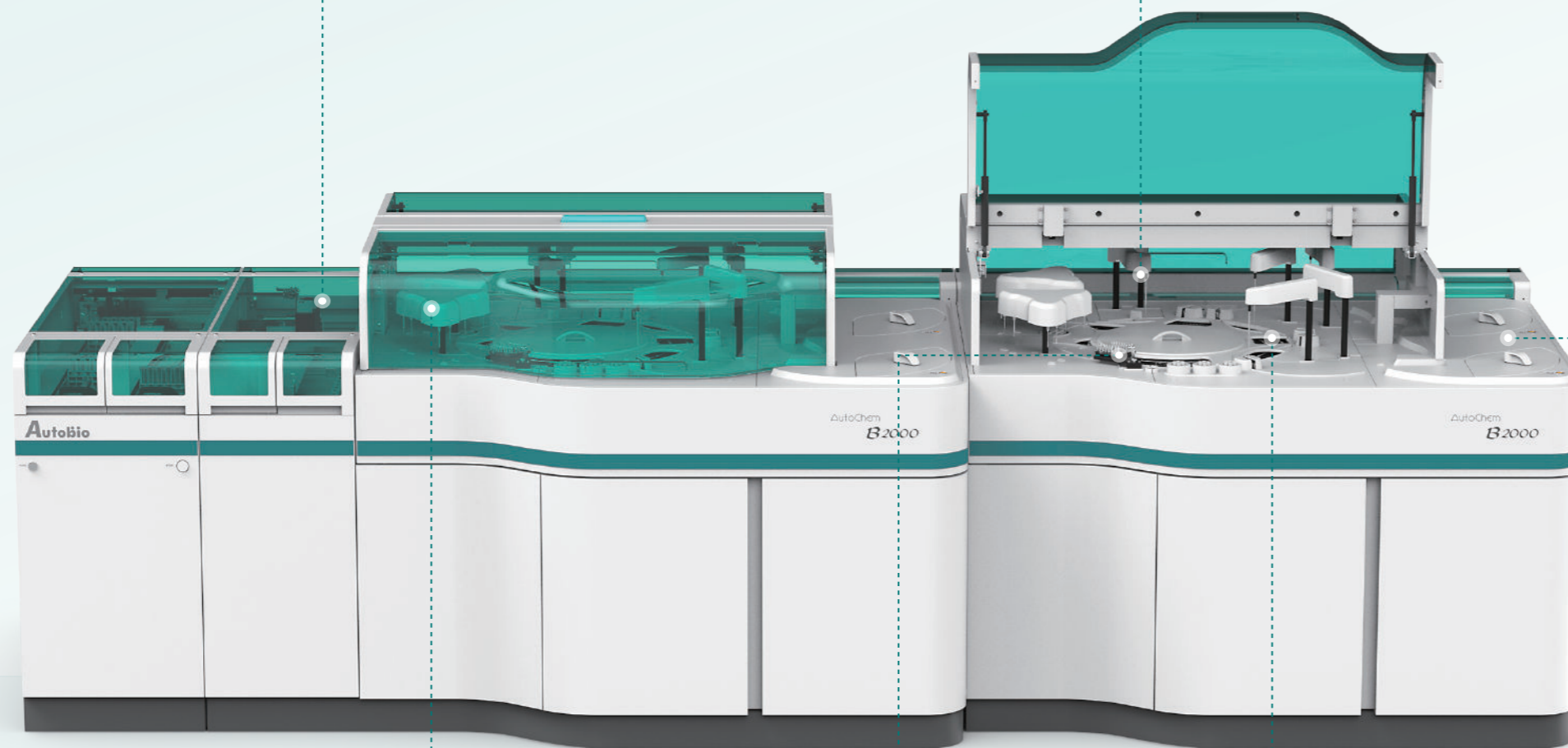


0.5 µL sample step

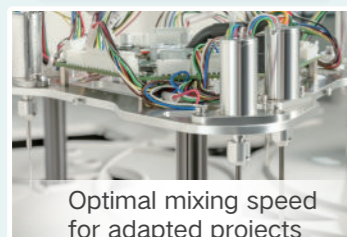
Extra Large Capacity ReagentTray



Supports non-stop reagent loading

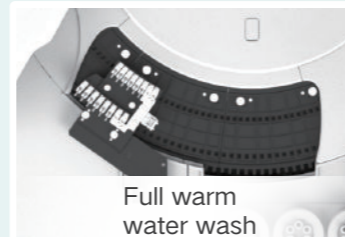


Intelligent Mixing



Optimal mixing speed for adapted projects

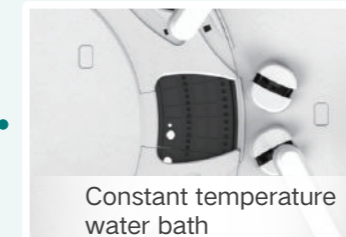
Cleaning Mode



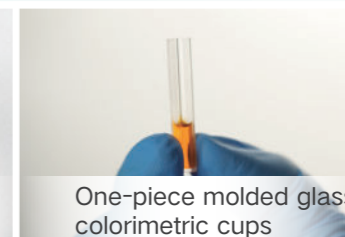
Full warm water wash



Patented technology for automatic dispensing of lotion



Constant temperature water bath



One-piece molded glass colorimetric cups

* Patent name: One cleaning liquid proportioning device; Patent number: ZL 202320865631.4

AutoChem B2000 Series

Easy to master all kinds of application scenarios,
open the intelligent biochemical testing

- Logical rule
- serum index parameters
- Cross-contamination parameters
- Intelligent response curve monitoring
- Hook Check Parameters
- Automatic Dilution Parameters
- Readpoint Extension Parameters

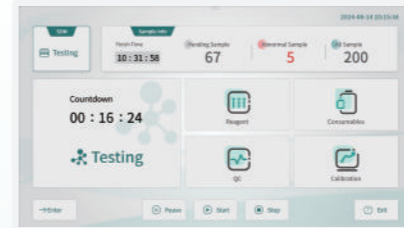
System Parameter

- Methods of analysis
- Read Point Method
- Reaction time
- Primary and secondary wavelengths

Basic Parameter

Breathing light

- Remote sensing monitoring, peace of mind off the plane



Instrument Status Management

- Information integration, unified management
- One-click cut to the full view

Reagent management

- Simplified interface for easy operation
- Functional integration, convenience and clarity
- Scenario adaptation and flexible scheduling



Reagent management

- Five-color distinction, intuitive
- Intelligent alerts for peace of mind and safety
- Convenient statistics, intelligent sorting and printing



AutoChem Series Biochemical Assay Solutions

Fully automated biochemical series solutions



AutoChem B861

Analyzing speed: 800T/H (optical)
ISE: ISE: 600T/H (optional)
Size: 1570 × 952 × 1205mm
Weight: 400kg

Autolas B-1 Series

AutoLumo A2000 Plus
AutoChem B801

Analyzing speed: 200T/H (chemiluminescence)
800T/H (optical)
ISE: 600T/H (optional)
Size: 3774 × 1205 × 1205mm
Weight: 953kg



AutoChem B2000 Dual module

Analyzing speed: 4000T/H (optical)
ISE: 1200T/H (optional)
Size: 3830 × 1352 × 1205mm
Weight: 1223kg



Autolas B-1 Series

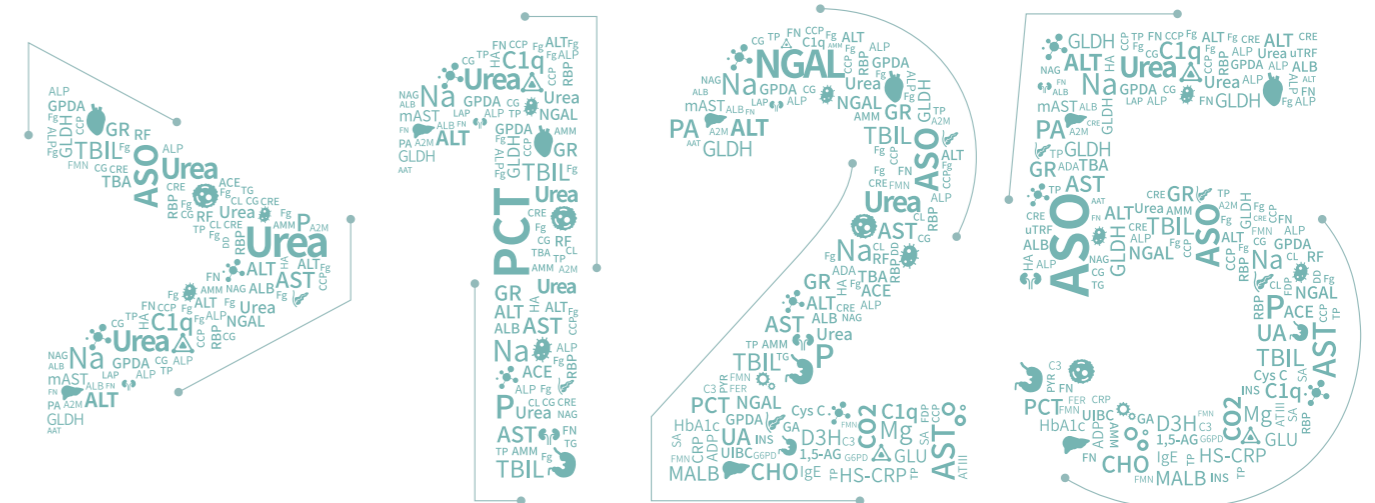
AutoLumo A6200
AutoChem B2000

Analyzing speed: 600T/H (chemiluminescence)
2000T/H (optical)
ISE: 600T/H (optional)
Size: 3830 × 1352 × 1300mm
Weight: 1393kg

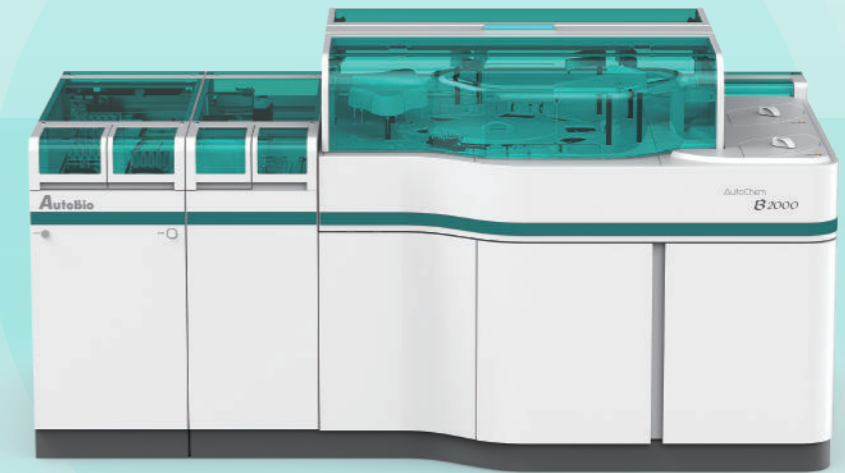


Reagent Menu High quality and comprehensive

The rich biochemical reagent menu with fully automated biochemical analyzer AutoChem B2000 series, suitable for 125 tests, covering liver disease, kidney disease, cardiovascular disease, glucose metabolism disease, immune disease, pancreatic disease, gastric screening, coagulation and fibrinolytic disorders, microelements and ions, tumors and other 12 categories, to meet your needs for all kinds of clinical biochemical testing.



AutoChem B2000 Series



Basic Performance Parameters

General Performance

Throughput: Maximum 2000T/H for single module, optional ISE module, maximum throughput 2400T/H

Expandable to 4 modules, up to 8000T/H, optional ISE module, up to 9600T/H

Methods of analysis Endpoint method, rate method, two-point method; ISE method(optional)

Scalability: Support with the same brand biochemistry module or chemiluminescence instrument on-line, but also can be upgraded to a full laboratory pipeline

Reaction Unit

Reaction cup material: One-piece molded glass colorimetric cups

Volume of reaction liquid: 80~302 μL

Temperature control of reaction plate: Water bath

Reaction temperature: 37°C, fluctuation not more than ±0.1°C.

Reaction time: 0-22 minutes can be set arbitrarily

Stirring mode: Independent motor. Stirring speed can be controlled independently

Inspection Systems

Light source: Halogen lamp, life 2000 hours

Wavelength: 16 wavelengths

Wavelength range: 340~809nm (340, 373, 406, 423, 456, 473, 506, 523, 556, 572, 605, 637, 669, 701, 748, 809)

Photometric performance: Absorbance linear range 0~3.5Abs

Environmental Requirements

Dimensions: Analysis module 1500mm x 1352mm x 1210mm (L x W x H)

Sample management module
450mm x 1205mm x 960mm (L x W x H)

Sample cache module
380mm x 1205mm x 960mm (L x W x H)

Dimensions: ≤700Kg

Water consumption: Maximum 90L/h

Dimensions: 220 ± 22V, 50 ± 1Hz, 2900VA for single analysis module, 3700VA for single analysis module with sample management system

Sample System

Sample types: Whole blood, Plasma, Urine, Pleural effusion, and Cerebrospinal fluid

Sample probes: Liquid Level Detection, Clot Detection, Collision Avoidance Detection, Empty Suction Detection

Sample Volume: 1.5~35 μL, 0.1 μL Steps

Sample position: Maximum capacity of 305 samples (5 sample spaces/rack, including emergency spaces, can be added on a recurring basis)

Reagent System

Reagent tray: Dual reagent trays, each tray has 90 reagent positions (70ml reagent bottles), a total of 180 reagent positions

Reagent needle: Liquid Level Detection, Collision Avoidance Detection, Empty Suction Detection

Reagent volume: 15~250 μL, 0.5 μL steps

Reagent replacement: Supports non-stop replacement

Liver	Renal	Diabetes	Cardiac	Coagulation
5'-NT 5'-Nucleotidase	mALB Microalbumin	1,5-AG 1,5-Anhydroglucitol	HCY [®] Homocysteine	ATIII Antithrombin III
CG Cholyglycine [®]	NAG β-N-Acetylglucosaminidase	D3H D-3-hydroxybutyrate	H-FABP Heart Fatty Acid Binding Protein	FDP Fibrin/Fibrinogen Degradation Products
ADA Adenosine Deaminase	NGAL Neutrophil Gelatinase-associated Lipocalin	GA Glycated Albumin	IMA Ischemia-Modified Albumin	Fibrinogen
FN Fibronectin	RBP Retinol-Binding Protein	NEFA Non-Esterified Fatty Acids	LDH Lactate Dehydrogenase	D-Dimer
GLDH Glutamate Dehydrogenase	uTRF Urine Transferrin	FMN Fructosamine	LDH1 Lactate Dehydrogenase 1	
GPDA Glycyl Prolyl Dipeptide Aminopeptidase	Cystatin C Creatinine Urea Uric Acid	Glucose [®] HbA1c Lactate Pyruvic Acid	Lp-PLA2 Lipoprotein-associated phospholipase A2	Tumor Markers
GR Glutathione Reductase	CSF/Urine Protein α1-Microglobulin α2-Macroglobulin β2-Microglobulin	Electrolytes	MPO Myeloperoxidase	AFP Alpha-Fetoprotein
LAP Leucine Aminopeptidase		Sodium Potassium Ammonia Chloride	SOD Superoxide Dismutase	AFU Alpha-L-Fucosidase
MAO Monoamine Oxidase	Lipids	Calcium [®] CO ₂ Copper Iron	HBDH α-Hydroxybutyrate Dehydrogenase	CEA Carcinoembryonic Antigen
mAST Mitochondrial AST	Apo A1 Apo AII Apo B Apo CII Apo CIII Apo E HDL-C LDL-C Cholesterol Total Lipoprotein (a) Phospholipid Triglycerides	Lithium Magnesium Phosphorus Zinc	CK CK-MB [®] cTnl Myoglobin hs-CRP sd LDL-C	PSA Prostate-Specific Antigen
Alkaline Phosphatase		Rheumatism & Immune		Sialic Acid
Bilirubin Direct		ASO Anti-Streptolysin O		Pancreatitis
Bilirubin Total		CCP Anti-Cyclic Citrullinated Peptide		Amylase [®] Lipase Amylase Pancreatic
Ceruloplasmin		RF Rheumatoid Factor		
Cholinesterase		CRP		Others
Total Bile Acids		IgA IgG IgM IgE C3 C4		ACE Angiotensin Converting Enzyme 25-OH VD
Albumin Gamma-GT	Anemia			
ALT (GPT) AST (GOT)	UIBC Unsaturated Iron Binding Capacity			
Total Protein Prealbumin	G6PDH Haptoglobin Transferrin Ferritin			
Gastric				
PG I Pepsinogen I				
PG II Pepsinogen II				
H. pylori				