

BIOELAB

PRODUCT
CATALOG





E-LAB Biological Science & Technology Co., Ltd. was founded in 2010. It is a high-tech enterprise integrating R&D, production and sales of IVD products, providing medical device products for the global market.

E-LAB adheres to the guidance of scientific & technological innovation and technological progress. The company's high-quality R&D team has successively developed several auto chemistry analyzers, semi-auto chemistry analyzers, hematology analyzers, semi-auto coagulation analyzers and more than 80 chemistry reagents. Up to now, E-LAB has applied for 46 patents, trademarks and other intellectual property rights, more than 90 medical device certificates approved by the State Food and Drug Administration, won the title of "Gazelle Enterprise" in Nanjing and is constantly in the new development stage of technological upgrading creating infinite possibilities.

Intelligent software and hardware systems, accurate test results, first-class quality and considerate user experience enable E-LAB to set sail in the wave of the global market. In recent years, E-LAB has always been adhering to the principle of "customer first, service first", grasping customer needs, innovating and developing product series, strictly controlling the quality of the whole process and dedicating to taking professional attitude and ability to care for the equipment throughout the whole process and creating "healthy" for the society.

In future, E-LAB will continue to increase investment on product research and development, with high quality products as the foundation, to become a most competitive company in the medical device industry and to become one of the outstanding enterprises, a century-old E-LAB, an internationally renowned brand.

CATALOG /

Chemistry Analyzer

1

AS-800	Auto Chemistry Analyzer	01-02
AS-600	Auto Chemistry Analyzer	03
AS-480	Auto Chemistry Analyzer	04
AS-380	Auto Chemistry Analyzer	05
ES-200	Auto Chemistry Analyzer	06
AS-280	Auto Chemistry Analyzer	07
AS-160	Auto Chemistry Analyzer	08
AS-120	Auto Chemistry Analyzer	09
Semi-Auto	Chemistry Analyzer	10

Chemistry Reagents

2

Liver Function	11
Blood lipids , Cardiovascular , Pancreatic , Coagulation	12
Kidney , Specific Protein	13
Blood Sugar , Trace elements and inorganic ions , Other	14

Auto Hematology Analyzer

3

EC Series	Auto Hematology Analyzer	15
-----------	--------------------------	----

Coagulation Analyzer

4

CL Series	Semi-Auto Coagulation Analyzer	16
-----------	--------------------------------	----

AS-800

Auto Chemistry Analyzer

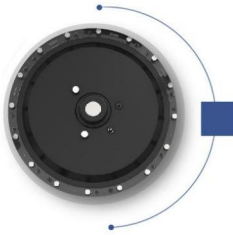


Product Features

- Constant 800 tests/hour with double reagent
- Reaction tray contains 160 new type amorphous optical plastic cuvettes, constant temperature with circulating water bath, precise temperature control ($37^{\circ}\text{C} \pm 0.1^{\circ}\text{C}$)
- Double reagent tray, 90 reagent positions, 24 hours non-stop cooling system
- 110 normal temperature sample positions, 50 dedicated calibrator & quality control positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 12-way parallel measurement
- 3 independent dispensing probes including 1 dedicated sampling probe
- Double stirring mechanism, 2 independent mixers
- 8-stage automatic cleaning mechanism, supporting acid/alkaline cleaning, automatic dilution of cleaning solution
- Barcode reader(optional)

Product Model		Main Configuration
AS-800		Host Computer
Product No.	Type	Packaging Specifications
801001	Alkaline Wash Solution	2L
801017	Acid Wash Solution	2L
801018	Defoamer	60ml*4

AS-800 Details



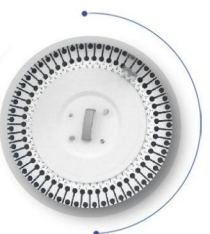
The reaction tray adopts the constant temperature mode of circulating water bath, automatic water change



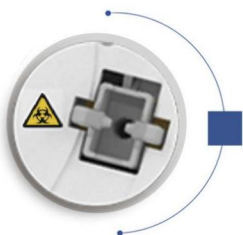
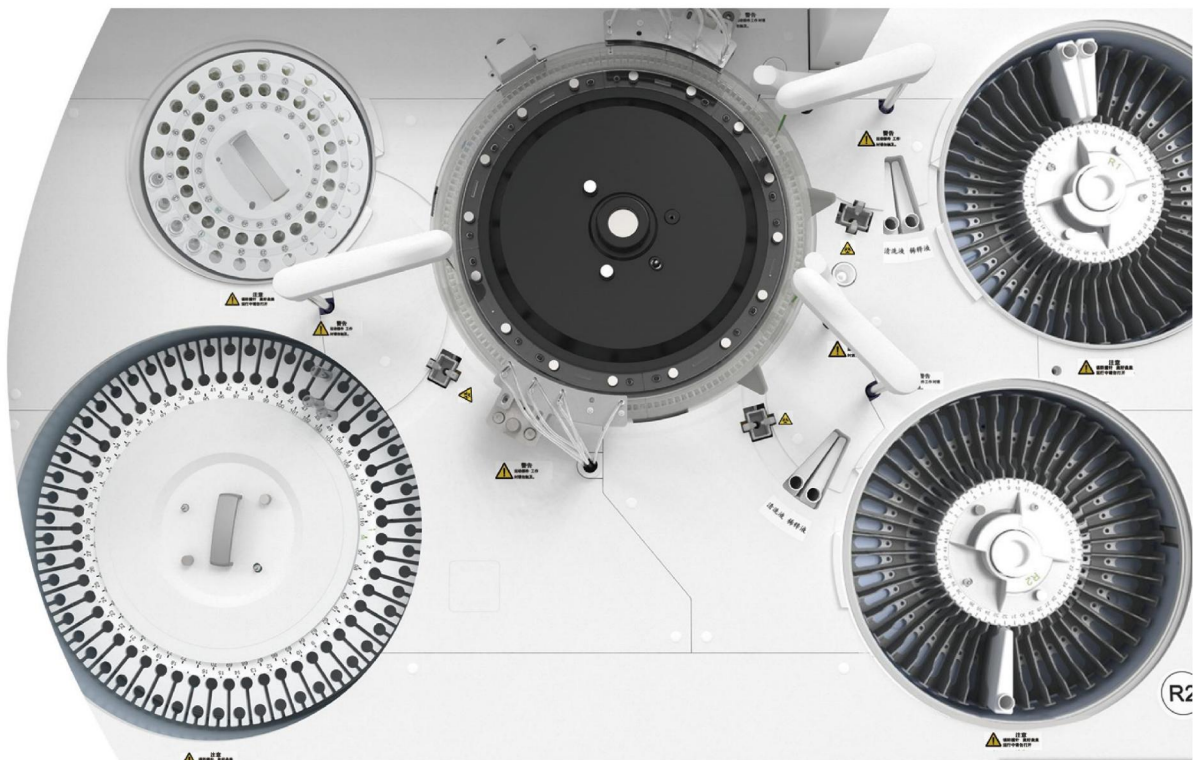
Detergent dilution position ×2



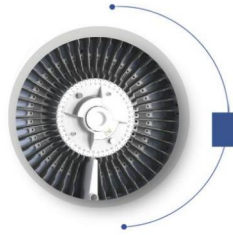
50 dedicated calibrator & quality control positions



110 normal temperature sample positions



Sampling Probe 360° waterfall type position×3



24 hours non-stop cooling system

AS-600

Auto Chemistry Analyzer



Product Features

- Constant 600 tests/hour with double reagent
- Reaction tray contains 120 new type amorphous optical plastic cuvettes, constant temperature with circulating water bath, precise temperature control (37°C±0.1°C)
- Double reagent tray, 90 reagent positions, 24 hours non-stop cooling system
- 120 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 12-way parallel measurement
- 3 independent dispensing probes including 1 dedicated sampling probe
- Double stirring mechanism, 2 independent mixers
- 8-stage automatic cleaning mechanism, supporting acid/alkaline cleaning, automatic dilution of cleaning solution
- Barcode reader(optional)

Product Model		Main Configuration
AS-600		Host Computer
Product No.	Type	Packaging Specifications
801001	Alkaline Wash Solution	2L
801017	Acid Wash Solution	2L
801018	Defoamer	60ml*4

AS-480

Auto Chemistry Analyzer



Product Features

- Constant 400 tests/hour with double reagent
- Reaction tray contains 90 new type amorphous optical plastic cuvettes, constant temperature with circulating water bath, precise temperature control ($37^{\circ}\text{C}\pm 0.1^{\circ}\text{C}$)
- Single reagent tray, 90 reagent positions, 24 hours non-stop cooling system
- 120 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 12-way parallel measurement
- 3 independent dispensing probes including 1 dedicated sampling probe
- Single stirring mechanism, 1 independent mixer
- 6-stage automatic cleaning mechanism, 2 times washing, supporting alkaline cleaning, automatic dilution of cleaning solution
- Barcode reader(optional)

Product Model		Main Configuration
AS-480		Host Computer
Product No.	Type	Packaging Specifications
801001	Alkaline Wash Solution	2L

AS-380

Auto Chemistry Analyzer



Product Features

- Constant 300 tests/hour with double reagent
- Reaction tray contains 90 new type amorphous optical plastic cuvettes, constant temperature with maintenance-free solid fully enclosed direct heating, precise temperature control ($37^{\circ}\text{C}\pm 0.1^{\circ}\text{C}$)
- Single reagent tray, 70 reagent positions, 24 hours non-stop cooling system
- 70 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 12-way parallel measurement
- 2 independent dispensing probes including 1 dedicated sampling probe
- Single stirring mechanism, 1 independent mixer
- 5-stage automatic cleaning mechanism, 2 times washing, supporting alkaline cleaning, automatic dilution of cleaning solution
- Barcode reader(optional)

Product Model		Main Configuration
AS-380		Host Computer
Product No.	Type	Packaging Specifications
801001	Alkaline Wash Solution	2L

ES-200

Auto Chemistry Analyzer



Product Features

- Constant 200 tests/hour with double reagent
- Reaction tray contains 44 new type amorphous optical plastic cuvettes, constant temperature with maintenance-free solid fully enclosed direct heating, precise temperature control ($37^{\circ}\text{C}\pm 0.1^{\circ}\text{C}$)
- Single reagent tray, 80 reagent positions, 24 hours non-stop cooling system
- 40 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 8-way parallel measurement
- 1 dedicated sampling probe
- Single stirring mechanism, 1 independent mixer
- 4-stage automatic cleaning mechanism, 2 times washing, supporting alkaline cleaning
- Barcode reader(optional)

Product Model

ES-200

Main Configuration

Host Computer

Product No.

801001

Type

Alkaline Wash Solution

Packaging Specifications

2L

AS-280

Auto Chemistry Analyzer



Product Features

- Constant 200 tests/hour with double reagent
- Reaction tray contains 44 new type amorphous optical plastic cuvettes, constant temperature with maintenance-free solid fully enclosed direct heating, precise temperature control ($37^{\circ}\text{C}\pm0.1^{\circ}\text{C}$)
- Single reagent tray, 80 reagent positions, 24 hours non-stop cooling system
- 40 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 8-way parallel measurement
- 1 dedicated sampling probe
- Single stirring mechanism, 1 independent mixer
- 4-stage automatic cleaning mechanism, 2 times washing, alkaline cleaning device(optional)
- Barcode reader(optional)

Product Model		Main Configuration
AS-280		Host Computer
Product No.	Type	Packaging Specifications
801001	Alkaline Wash Solution(Install an Alkaline Wash Solution Device, Optional)	2L
801002	Alkaline Wash Solution	40ml*4

AS-160

Auto Chemistry Analyzer



Product Features

- Constant 150 tests/hour with double reagent
- Reaction tray contains 44 new type amorphous optical plastic cuvettes, constant temperature with maintenance-free solid fully enclosed direct heating, precise temperature control ($37^{\circ}\text{C} \pm 0.1^{\circ}\text{C}$)
- Single reagent tray, 80 reagent positions, 24 hours non-stop cooling system
- 40 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 8-way parallel measurement
- Single stirring mechanism, 1 independent mixer
- Default: 3-stage, 2 times automatic cleaning mechanism
Optional: 4-stage, 2 times automatic cleaning mechanism with alkaline cleaning device
- Barcode reader(optional)

Product Model		Main Configuration
AS-160		Host Computer

Product No.	Type	Packaging Specifications
801001	Alkaline Wash Solution(Install an Alkaline Wash Solution Device, Optional)	2L
801002	Alkaline Wash Solution	40ml*4

AS-120

Auto Chemistry Analyzer



Product Features

- Constant 120 tests/hour with double reagent
- Reaction tray contains 50 disposable cuvettes, constant temperature with maintenance-free solid fully enclosed direct heating, precise temperature control ($37^{\circ}\text{C} \pm 0.1^{\circ}\text{C}$)
- Single reagent tray, 80 reagent positions, 24 hours non-stop cooling system
- 40 normal temperature sample positions
- High noise immunity, ultra-high sensitivity liquid level detection technology with a variety of filtering technologies
- Cluster concentrating of light, detection light path adopts the post-splitting 8-way parallel measurement
- Single stirring mechanism, 1 independent mixer
- Barcode reader(optional)

Product Model		Main Configuration
AS-120		Host Computer
Product No.	Type	Packaging Specifications
801002	Alkaline Wash Solution	40ml*4

ES Series

Semi-Auto Chemistry Analyzer



ES-100P

7-inch large touch screen,
interactive and friendly interface
5 USB ports, 1 Ethernet port
Intelligent humanized software



ES-102

7-inch large touch screen,
interactive and friendly interface
5 USB ports, 1 Ethernet port
Intelligent humanized software



ES-106

7-inch large touch screen,
interactive and friendly interface
5 USB ports, 1 Ethernet port
Intelligent humanized software



ES-101C

7-inch large touch screen, interactive and friendly interface
5 USB ports, 1 Ethernet port
Intelligent humanized software
Multi-functional incubator, precise
temperature control



ES-105

7-inch large touch screen, interactive and friendly interface
5 USB ports, 1 Ethernet port
Intelligent humanized software
Multi-functional incubator, precise
temperature control



ES-100C

7-inch large touch screen, interactive and friendly interface
5 USB ports, 1 Ethernet port
Intelligent humanized software
Multi-functional incubator, precise
temperature control

Product Features

- Long warranty period, 5 years for filters
- World-class brand accessories with reliable quality
- Large storage capacity, can store more than 300 test parameters and 200000 sample results
- One-piece fusion cuvette, supporting both modes of flow cell and cuvette for testing
- Support real-time printing of sample results, can be connected to external printer
- Support connection with computer software

Product Model		Main Configuration
ES-100P, ES-102, ES-106, ES-101C, ES-105, ES-100C		Host Computer
Product No.	Type	Packaging Specifications
302322~336	340~700 Filter	Standard



Chemistry Reagents

Liver Function

Abbreviation	Method principle	Dosage form	R1	R2
ALT	L-alanine Substrate Method	Double liquid	2×60ml	2×15ml
AST	Aspartate Substrate Method	Double liquid	2×60ml	2×15ml
GGT	GCANA Substrate Method	Double liquid	2×60ml	2×15ml
ALP	NPP Substrate-AMP Buffer Method	Double liquid	2×60ml	2×15ml
PA	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
ALB	Bromocresol Green Method	Single liquid	2×60ml	
TP	Biuret Method	Single liquid	2×60ml	
CHE	Butyrylthiocholine Substrate Method	Double liquid	2×60ml	2×15ml
TBA	Enzymatic Cycling Method	Double liquid	2×60ml	2×15ml
DBIL	Vanadate Oxidation Method	Double liquid	2×60ml	2×15ml
TBIL	Vanadate Oxidation Method	Double liquid	2×60ml	2×15ml
ADA	Peroxidase Method	Double liquid	2×60ml	2×15ml
LAP	L-Leucine-p-nitroanilide Substrate Method	Single liquid	2×160ml	
GPDA	Glycylprolinyl p-Nitroaniline Method	Double liquid	2×60ml	2×15ml
AFU	CNPF Substrate Method	Single liquid	1×60ml	
5'-NT	Peroxidase Method	Double liquid	2×60ml	2×15ml
MAO	Glutamate Dehydrogenase Method	Single liquid	1×60ml	

Blood lipids

Abbreviation	Method principle	Dosage form	R1	R2
CHO	CHOD-PAP Method	Double liquid	2×60ml	2×15ml
TG	GPO-PAP Method	Double liquid	2×60ml	2×15ml
HDL-C	Direct Method-Select Inhibition Method	Double liquid	2×60ml	2×15ml
LDL-C	Direct Method-Surfactant Clearance Method	Double liquid	2×60ml	2×15ml
ApoA-I	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
ApoB	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
Lpa	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
ApoE	Immunoturbidimetric Method	Double liquid	1×60ml	1×20ml

Cardiovascular

Abbreviation	Method principle	Dosage form	R1	R2
LDH	Lactate Substrate Method	Double liquid	2×60ml	2×15ml
CK	Phosphocreatine Substrate Method	Double liquid	2×60ml	2×15ml
CK-MB	Immunoinhibition Method	Double liquid	2×60ml	2×15ml
α-HBDH	α-Ketobutyric Acid Substrate Method	Double liquid	2×60ml	2×15ml
HCY	Enzymatic Cycling Method	Double liquid	1×60ml	1×15ml
IMA	Free Cobalt Colorimetric Method	Double liquid	1×60ml	1×20ml
LDH1	Lactate Substrate Method	Double liquid	1×60ml	1×20ml
MYO	Latex Immunoturbidimetric Method	Double liquid	1×60ml	1×20ml
ACE	FAPGG Substrate Method	Single liquid	1×60ml	
cTnI	Latex Immunoturbidimetric Method	Double liquid	1×60ml	1×20ml

Pancreatic

Abbreviation	Method principle	Dosage form	R1	R2
α-AMY	CNPG2 Substrate Method	Single liquid	2×60ml	
LPS	Methoxyresorufin Substrate Method	Double liquid	1×60ml	1×15ml

Coagulation

Abbreviation	Method principle	Dosage form	R1	R2
D-Dimer	Latex Immunoturbidimetric Method	Double liquid	1×60ml	1×20ml

Kidney

Abbreviation	Method principle	Dosage form	R1	R2
UA	Uricase Method	Double liquid	2×60ml	2×15ml
UREA	Urease-Glutamate Dehydrogenase Method	Double liquid	2×60ml	2×15ml
CREA-E	Sarcosine Oxidase Method	Double liquid	2×60ml	2×15ml
Cys-C	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
UMA	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
RBP	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
B2M	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×60ml
α1-MG	Latex Immunoturbidimetric Method	Double liquid	1×60ml	1×15ml

Specific Protein

Abbreviation	Method principle	Dosage form	R1	R2
RF	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×15ml
IgA	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
IgG	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
IgM	Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
ASO	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×15ml
hs-CRP	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
CRP	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
C3	Immunoturbidimetric Method	Double liquid	2×60ml	1×20ml
C4	Immunoturbidimetric Method	Double liquid	2×60ml	1×20ml
PGI	Latex Immunoturbidimetric Method	Double liquid	1×54ml	1×10ml
PGII	Latex Immunoturbidimetric Method	Double liquid	1×54ml	1×10ml
Fer	Latex Immunoturbidimetric Method	Double liquid	1×60ml	1×20ml
PCT	Latex Immunoturbidimetric Method	Double liquid	1×60ml	1×20ml
TRF	Immunoturbidimetric Method	Double liquid	1×60ml	1×20m
SAA	Latex Immunoturbidimetric Method	Double liquid	1×50ml	1×10m

Blood Sugar

Abbreviation	Method principle	Dosage form	R1	R2
GLU-H	Hexokinase Method	Double liquid	2×60ml	2×15ml
FMN	Nitrotetrazolium Blue Method	Single liquid	2×60ml	
HbA1c	Latex-enhanced Immunoturbidimetric Method	Double liquid	2×60ml	2×20ml
GLU-O	Glucose Oxidase Method	Double liquid	2×60ml	2×15ml
NEFA	ACS-ACOD Method	Double liquid	2×60ml	2×20ml
β-Hb	β-Hydroxybutyrate Dehydrogenase Method	Double liquid	1×60ml	1×20ml
GA	Peroxidase Method	Double liquid	1×60ml	1×20ml

Trace elements and inorganic ions

Abbreviation	Method principle	Dosage form	R1	R2
Ca	Arsenazo III Method	Single liquid	2×60ml	
CO ₂	PEPC Enzymatic Method	Single liquid	2×60ml	
Mg	Xylidine Blue Method	Single liquid	2×60ml	
Zn	5-Br-PADAP Method	Double liquid	2×60ml	2×15ml
AMM	Glutamate Dehydrogenase Method	Double liquid	2×60ml	2×15ml
Cl	Mercuric Thiocyanate Method	Single liquid	2×60ml	
P	Phosphomolybdate Method	Single liquid	2×60ml	
Cu	5-Br-PADAP Method	Double liquid	2×60ml	2×15ml
K	Pyruvate Kinase Method	Double liquid	2×60ml	2×20ml
Na	Galactosidase Method	Double liquid	2×60ml	2×20ml
Fe	Ferrozine Method	Double liquid	2×60ml	2×15ml

Other

Abbreviation	Method principle	Dosage form	R1	R2
SA	Neuraminidase Method	Double liquid	1×60ml	1×60ml
LA	Lactate Dehydrogenase Method	Double liquid	1×60ml	1×15ml
PRV	Lactate Dehydrogenase Method	Double liquid	1×60ml	1×15ml

EC Series

Auto Hematology Analyzer



EC-30



EC-38

Product Features

- EC-30 Test speed can reach 60 samples/hour, EC-38 Test speed can reach 80 samples/hour, high efficiency in getting sample results
- 10.4" large color touch screen, interactive and friendly operation interface
- 9μL micro blood collection, more applicable in peripheral blood tests
- Large storage space, can store 500000 results
- Equipped with one-key troubleshooting technology to quickly eliminate faults and ensure efficient use
- Excellent repeatability and wider linearity range

Product Model

EC-30, EC-38

Main Configuration

Host Computer

Product No.

Type

Packaging Specifications

1501

Hematology Analyzer Lyse

500ml

1502

Hematology Analyzer Diluent

20L

1503

Probe Cleanser

50ml

CL Series

Semi-Auto Coagulation Analyzer



Product Features

- 4.3-inch touch screen, friendly user interface
- Equipped with magnetic stirring system, stirring is more uniform and result is more accurate
- Integrated functions such as parameter configuration, quality control management and real-time curves to work more efficiently
- Support PT-FIB algorithm, can save reagents and reduce costs
- Large storage space, can store 200000 results and 1000 curves
- Support real-time printing of sample results

Product Model
CL-100, CL-200, CL-400

Main Configuration
Host Computer

Product No.

Type

Packaging Specifications



BIOELAB

For more product information and tracking product trends
please follow our WeChat official account

E-LAB BIOLOGICAL SCIENCE & TECHNOLOGY CO., LTD.

Address: No. 1, Kechuang Road, Yaohua Street, Qixia District, Nanjing city,
Jiangsu Province, China

Tel : +086-025-83269256

Fax : +086-025-83269255

Web: www.bioelab.net

E-mail: Jason.lu@bioelab.net



The customer service hot line in 24 hours

400-018-6818