













Shanghai Bio-DL Science Instrument Co., Ltd, founded in 2013, located in Caohejing Industrial Park, Songjiang District in Shanghai, is a specialized company that integrates research and development, production and related services of laboratory equipment. Bio-DL's sales and service centers are available worldwide.

The products of Bio-DL are mainly about Equipment and related consumables such as liquid handling, sample extraction and preparation, inspection and analysis.

Excellent product quality and professional technical services have won the trust and recognition of the majority of users all around the world.

We wish BIO-DL could do better in meeting the needs of domestic and foreign customers, contributing to the rapid development of related industries.



Part 2 PIPETTE PRODUCTS >>>>





Genex Series Pipettes

- Ergonomically designed, easy to press, less fatiguing
- Variety of specifications, ranged (0.1 µL-10 mL)
- Volume range of 8-channel(0.5μL-1000μL) and 12-channel(0.5μL-300μL)
- The nozzle part is easy disassembly, chemically stable and autoclavable.
- Specifications that volume larger than 10µl are equipped with replaceable hydrophobic filters
- Compatible with various common brands of pipettes



Adonis Series Pipettes

- Genex upgraded version with all the
- performance of Genex
- Non-slip design, comfortable for pipetting Resilient seal design(200µL and above) to reduce piston resistance for easier handling



Colour Series Pipettes

- Aging- resistant material (PA6+GF) is resistant to heat sterilization, chemical and UV rays.
- Dual piston design, effectively prevent capillary phenomenon when blowing out
- Different colors mark different ranges
- Single channel range(0.1µL-5 mL), 8-channel and 12-channel with range 5µL-300µL.
- Long and slender at the lower end, more suitable for pipetting from deep bottle.
- Compatible with various common brands of pipettes



Mini Single Channel Fixed Pipette

- Ergonomically designed for easy hand control and reduced hand fatigue.
- 13 mm in length ,weighs about 10 g, and meets the needs of experiment.
- Ranges already available are 5/10/20/25/50/75/100/200/300µL.
- Customized ranges are available



E-HC Electronic Pipette Filler

- Ergonomically designed for easy use without hand fatigue
- LCD touch screen, the battery status can be displayed.
- Stepless adjustment of the motor speed
- Autoclavable , adapt for 0.1-100mL glass or plastic serological pipets.
- Hydrophobic filter,0.45µm, effectively reduce internal contamination and corrosioncan
- Available for about 2000 times of pipetting with one fully charged battery.
- Screwless assembly for easy disassembly, maintenance or replacement



BIO-DL Stepper

- Depends on the positive displacement principle, it is suitable for precise pipetting of liquid corrosive or viscous
- Lightweight (<60 g) and wide volume covering 10µL-5000µL
- Up to 44 times of liquid delivery and 35 kinds of dispensing options
- Steptip & wheel position selection table on the back of the stepper to make the retrieval of appropriate volume easier
- Fully mechanical structural design, no battery required



Tips & accessories

- 100,000 class dust-free workshop, no RNA, no DNA, no heat source.
- High purity PP raw material, autoclavable;
- Racked and bagged pipette tips are available
- for selection
- Specifications are 10µL, 20µL (with filter), 100µL
- (with filter), 200μL, 300μL, and 1000μL.



Pipette holders

- High-density Injection molding material, sturdy and stable
- Suitable for BIO-DL series pipettes, also suitable for other brands of pipettes.such as thermo、Eppendorf、Dlab.



Part 3 INSTRUMENT PRODUCTS >>>





Feel Votex-3 Vortex Mixer

- Simple operation. One switch. Press it to turn it on, release it to turn it off.
- Speed Range 4000 rpm±3%
- Battery pack can be externally installed to meet the needs of temporary inspection outside the laboratory;
- Zinc alloy one-piece molding base, low gravity center, stable without displacement during use;
- The maximum diameter of the oscillating
- container is 45mm, which can be used formulti-standard test tubes, centrifuge tubes, EP tubes, etc., and sample mixing can be convenient and rapid.



Feel Votex-6 Vortex Mixer

- Speed Range 0-3000 rpm/min
- Mix any liquid or powder required in a short time
- The Time and Speed function display on the LCD screen
- Permanent magnet DC motor ensures over-heat protection, can work for a long time in high-speed mixing.
- Easy to switch operation modes between 'step' and 'continuous'



Mini-L Centrifuge

- High-strength host and rotor material can withstand various chemical corrosion
- DC permanent magnet motor and RSS damping materials make it more stable at run time.
- Snap-on installation design of the rotor makes it easily and quickly to change a rotor
- Maximum speed: 7000/10000/12000rpm
- Accelerate to the rated speed within 3 seconds
- High versatility, suitable for micro centrifuge tubes, PCR tubes and capillaries, etc. Good choice for processing small centrifuge samples.



BT-100 Constant Temperature Metal Bath

- LCD screen, real-time displays current temperature.
- The perfect replacement for traditional water baths and other similar device.
- Heating rate (from ambient to 100°C) ≤ 15min
- Temperature uniformity ≤±0.3°C
- 4 replacement modules

BT-A module: 96*0.2ml BT-B module: 54*0.5ml BT-C module: 28*1.5ml



MyGo Hand-held grinder

- Compact and portable
- No-load speed 8000rpm
- Suitable for grinding samples of plant tissues ,animal tissues, microorganisms and drug composition in a 1.5ml centrifuge tube
- 2 pieces of rechargeable batteries, each can last for 10 hours.



HF Extract High-throughput grinder

- Processing flux up to 192, sample volume varies from 0.2ml to 50ml.
- Horizontal arc high-speed radial oscillation.
- 5 -inch LED touch screen.
- With two grinding platform for different tubes, suitable for grinding different animal and plant tissue or other small solid samples by dry, wet or freeze methods
- The final sample size is less than 5µm



MicroDrop ultramicro spectrophotometer

- Full spectrum wave 185-910 nm
- Minimum measurable volume is 0.5µl,which saves your precious samples
- Optical path automatic adjustment ,highly concentrated solutions can be measured directly and accurately without dilution
- Intelligent detection automatically.
- Stepping motor combines the unique DPTL technology to achieve the optical path accuracy of 0.001 mm and the repeatability of absorbance measurement



MicroDrop plus ultramicrospectrophotometer

- Double measuring modes:pedestal mode & cuvette mode.
- 7-nich big touch screen, visual interface
- Full spectrum wave 185-910 nm
- Wide range of measuring concentration:2-15,000ng/µL(dsDNA)
- Sample saving:only 0.5µL of sample is required for each measurement.
- Wave range 185-910nm
- An adjustable high speed of measuring:≤5s for one measurement

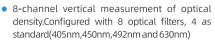


Part 3INSTRUMENT PRODUCTS >>>



K3 Plus Microplate reader





- The wave range is 400-750nm,flexibly in various scientific research applications.
- The linear shaker operates at 3 speeds levels



K3 Pro Microplate Reader

- Detection range of wave length: 330-900nm
 Dual detection mode(continuous and
- stepping),it takes only 8s for one test of 96well plate.
- 10-inch large touch screen, simple
- interface,easy to use.
 - An adjustable heating incubator(RT+4°C-
- 55°C) and an adjustable oscillator(with 3 optional speeds) are confuguerd as standard

Wide reading range:0-6Abs.Flexible for more applications

Connect to PC by wire or WiFi,or operate by stand-alone software.

FastAmp gene amplifier

- Temperature change speed up to 4.5°C/s
- 10" color full touch screen, real-time displays the process and Time, the instrument can be pressed to pause or stop during running
- 3 types of administrative privileges and log in via password to ensure data security

Easywash microplate washer

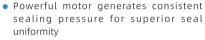
- 1*8, 1*12, 2*8 and 2*12 wash heads alternative 10-inch full color touch screen
- Dual pump design with 9 levels of aspirate or dispense speed to meet different needs in real
- experiments.
- The pipe joints can be recognized by colors for being convenient for installation
- The residual volume will be less than 1.5µL

Automated Plate Seal Remover



- Can be used with a wide variety of microplates, including full-skirted PCR plates, low-base microplates and deep-well (up to 2ml) plates
- Compatible with a variety of full-plate seals, including heat and pressure applied seals
- One-touch, push-button operation to de-seal plates makes it easy to use.
- Capacity to remove up to 200 plate seals per hour
- Can be used as a standalone system, or integrated into automated and robotic workflows
- Preserves sample integrity and no contamination

• Powerful



Automated Roll Heat Sealer

- Up to 5,000 perfect seals can be achieved without manual intervention
- Plug-and-play for easy integration into automated systems
- Sealing Temperature is controllable from 100-195°C, Setting Time: 0.1-10s
- Compatible with a wide range of films and plate types

Bench top large capacity high speed centrifuge



- Adaptable to 14 different rotors for a wide range of centrifugal applications.
- Suitable for all common tube types and microplate from 0.2ml-400ml
- Rotation speed range 500-15000rpm
- Automatic rotor imbalance recognition for safer centrifugation

0.15

DL 16 high throughput floor model centrifuges

- 16*500ml or 32*200ml of sample volume.
- Spinning up to 4700 rpm, with performance up to 7187xg, temperature -20-40°C adjustable
- Get immediate rotor detection and programming with the Instant Rotor Identification technology
- Automatically adjust the centrifuge runtime to compensate for variations in acceleration due to full or partial rotor loading
- Automatically compensates for imbalances of up to 125 g
- With your smart terminal (phone or tablet)
 , you can check on your run status or
 establish a secure centrifuge connection to
 start and stop runs.



Part 3INSTRUMENT PRODUCTS >>>

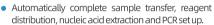






- Double guide rail design,more stable structure□
- 8 heating bars, independent temperature control
- Magnetic bead method. Automatic nucleic acid extraction from up to 32 samples with 1 hour and the yield is high
- The UV lamp inside ensures no pollution in the operation space.
- HD 10-inch LCD touch screen, built-in user and engineer dual interface ,convenient for users to customize parameters.

NAD Automatic Nucleic Acid Extraction Workstation



- Automatically and accurately transfer 1-96 samples from original tubes or reagents from reservoirs to deep well plates
- 4 independent channels to realize flexible pipetting, gripping and transporting plates. Each channel is able to be commanded alone.
- A full procedure of nucleic acid extraction of 96 samples can be done within 1 hour, and the yield of extraction is high.
- High compatibility for most brands of nucleic acid extraction kits.
- An automated solution for every application including but not limited to the nucleic acid extraction of virus, whole blood, fungus and bacteria.

Bio-DL extraction module

- Four 96-deep well plate positions
- Flexible round plate carrier for switch the deep well plates smoothly and fast.
- The heating module is sensitive and precise
- Alternative 96-magnetic rods module for regular extraction and 24-magnetic rods for large volume extraction.



SmartStore Automated Sample Storage Management Systems

- Storage in gas phase liquid Nitrogen provides a convenient way of storing samples at temperatures -20~-190°C
- Accurate Real-time monitoring of samples and storage environments, providing real-time audit reports
- Compatible with a range of labware, e.g. cryoboxes, vials, microplates。
- Sample storage and extraction time is less than
 minute; Liquid Nitrogen Filling Time is no
 more than 15 min
- Daily consumption of liquid Nitrogen <15L, without the need for additional refrigeration ,Combines sample security, data management and inventory control technologies in one unit
- 17-23 day hold time in case of catastrophic interruption of electrical or LN2 supply (depending on system size)

Heavy duty heat sealing foil

- Seal integrity range: -200°C to 110°C
- High solvent resistance
- Autoclavable (121°C)
- Used for cryogenic storage, long-term storage of ambient samples and sample transportation.
- Free from DNase, RNase, human genomic DNA, and endotoxin/pyrogen



Tri-coded Tube

- Tubes carry 3 instances of permanent code laser etched in high contrast.2D-code on base,linear barcode and human-readable on side
- 100% quality control, each tube is tested to ensure both readability and uniqueness
- Tubes are suitable for applications ranging from+121°C to -196°C
- Next Generation manufacturing techniques
- Made from high-quality virgin PP

Fa Series Analytical Balance

- Modular Electromagnetic Force Balance Sensors
- Large backlit LCD screen
- Highly sensitive touch buttons, built-in weighing hooks
- Overload-protected weighing pan with airflow windshield underneath the pan
- Display shield: Resistant to dust and scratches
- The lock on the door of the glass windshield is for transport protection, Four sides of transparent glass, one side of aluminum alloy as backplane.
- Class IV seismic.Full scale tare .Weighing speed is adjustable



MP Series electronic balance

- Class IV seismic, weighing speed is adjustable
- Built-in weighing hook function
- piece counting, percentage weighing, full scaletare
- Automatic zero tracking adjustable, automaticfaultdiagnosis
- Unit of measure conversions : grams, kilograms, ounces, carats and pounds.



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