

Solar Direct Drive (SDD) Vaccine Refrigerator

Models:HTCD-90/160B/220 & HTC-110/120/240 & HTD40



- Vaccine Freeze Protection Classification: Grade A
- Wide ambient temperature operating range: 5°C to 43°C
- Digital electronic temperature controller with 0.1°C accuracy and a temperature control range of 2–8°C
- Indicator light displaying On or Off status of compressors
- Solar direct drive with excellent autonomy time ensures the safety of vaccine
- WHO/PQS Certificate
- EMS monitoring system with a 4.3-inch color screen; supports multiple languages
- Comprehensive monitoring to ensure safety: temperature, door status, voltage, current, power failure, etc
- Local audible and visual alarm, with remote alarm support
- Supports data logging and analysis, and automatically generates visual reports
- The entire unit has passed a 10-year accelerated aging test

Ice-lined Vaccine Refrigerator

Models: HBCD-160/220 & HBC-120 & HBC-79/260



- Vaccine Freeze Protection Classification: Grade A.
- Wide ambient temperature operating range: 5°C to 43°C.
- Digital electronic temperature controller with 0.1°C accuracy and a temperature control range of 2–8°C.
- Indicator light displaying On or Off status of compressors
- Wide operating voltage range of 172–264 volts
- EMS monitoring system with a 4.3-inch color screen; supports multiple languages.
- Comprehensive monitoring to ensure safety: temperature, door status, voltage, current, power failure, etc.
- Local audible and visual alarm, with remote alarm support.
- Supports data logging and analysis, and automatically generates visual reports.
- The entire unit has passed a 10-year accelerated aging test.
- The refrigeration and freezing zones use two independent control systems.
- Compliant with WHO PQS and CE standards.

Icepack Freezer

Models: HBD-265/130/86



- Optimized refrigeration system
- Internal temperature range of -15°C ~ -25°C
- CFC-free high-density foam insulation
- Electronic temperature controller with digital display
- Safety lock avoiding unauthorized access
- Various sizes of storage baskets
- Easy to clean drainage port

Controlled Rate Freezer

Model:CJ-L19/CJ-L37/CJ-L54



- Precise temperature control
- 7-inch touchscreen LCD console, easy to operate
- Liquid nitrogen allowance warning
- Single handle press lock, simple and labor-saving
- Equipped with a real-time temperature curve printer and electronically archived temperature records

FlexiFreeze Freeze Dryer

Models:HDG-86Z03-12T/HDG-86Z04-12/HDG-86Z06-18



- Offering different choices of ice condenser capacity: 3, 4, 6 kg per 24 hours
- Rapid cooling and the condenser temperatures can reach as low as -90°C
- Environmentally-friendly HC refrigeration system features a low Global Warming Potential (GWP)
- Optimal process control for quick and reliable freeze-drying
- Real time display of sample temperature, vacuum curve degree, cold trap temperature curve

FlexiFreeze Pro Freeze Dryer

Models: HDG-86Z05-40T



- Compact design with large capacity
- Efficient freeze-drying performance
- Durable 304 stainless steel constructions
- Multiple alarms

FlexiFreeze Pro Freeze Dryer

Models: DG-65Z04-10A/10AR



- Integrated design and pollution-free, enclosed environment (DG-65Z04-10A)
- High sublimation speed and high drying efficiency
- Multiple alarm protection including cold trap cooling overtime, vacuum pump oil replacement reminder
- The refrigeration efficiency is greatly improved
- Real time monitoring of freeze-drying status

Pilot Freeze Dryer

Models:HDG-85Z10-50



- Precise Temperature Control
- PLC Control, user-friendly control interface
- Efficient refrigeration technology
- Suitable for small batch production & pilot Run

Standard Dual HEPA Biosafety Cabinet

Models: HR1200-IIA2-D/HR900-IIA2-D (70% circulation and 30% exhaust)



- Dual air velocity sensors, DC ECM fans
- Intelligent constant air velocity system
- Double ULPA exhaust filter
- Glass side wall for better workspace visibility
- Ergonomic 10 degrees tilt design
- Multiple segments stainless steel work surface without screws
- Optional adjustable stand, Motorized sash, foot switch
- With CE and TÜV SÜD Mark certification

WHO

The WHO Performance, Quality and Safety (PQS).

CCEOP

CCEOP Eligible.

MDR

Medical Device Regulation.

FDA

Food and Drug Administration.

21CFR

Food and Drug Administration 21 CFR Part 11.

UKCA

UK Conformity Assessed.

IVDR

In Vitro Diagnostic Medical Devices Regulation.

Standard Single HEPA Biosafety Cabinet

Models:HR1200-IIA2-S/HR900-IIA2-S (70% circulation and 30% exhaust)

CE
UK
CA



- Dual air velocity sensors, DC ECM fans
- Intelligent constant air velocity system
- AAF filter 99.995%@0.3um
- Glass side wall for better workspace visibility
- Ergonomic 10 degrees tilt design
- Multiple piece stainless steel work surface without screws
- Optional adjustable stand Motorized sash, foot switch
- With CE and TÜV SÜD Mark certification

Intelligent Series Biological Safety Cabinet

Models: HR1500-IIA2/HR1200-IIA2/HR900-IIA2 (70% circulation and 30% exhaust)

CE
UK
CA



- Single HEPA exhaust filter (ULPA exhaust Filter fror HR900-IIA2)
- Solid sides
- Single fan
- Optional Adjustable work bench height
- Optional Motorized sash
- Optional motorized stand
- With CE and TÜV SÜD mark certification

Hai-Sentra G Series Biological Safety Cabinet

Models: HR900-IIA2-G/HR1200-IIA2-G/HR1600-IIA2-G

CE
UK
CA



- Eco-Silent: ECM blower, 65% energy saving; auto ECO-mode for low noise.
- Air-Adapt: Auto airflow compensation; dual AAF H14 HEPA H14 filters (99.995%@MPPS); ISO 3-4 work zone.
- Operation: 7-inch glove-usable touchscreen, multi-color LED indicator; optional 21 CFR Part 11.
- easy-clean : 10° angled sash, easy-clean structure; height-adjustable stand with casters.
- Safety: Audible-visual alarms; standard UV lamp, LED light, power sockets & 4 side ports; rich optional accessories.

Classic Series Biosafety Cabinet

Models: HR40-IIB2 (100% exhaust)

CE



- Ultra-efficient air filter (ULPA)
- Superior filtering effects 99.9995% for 0.12µm particles
- Sound and light alarm function
- Ergonomic 10 degrees tilt design
- Optional Adjustable work bench height
- With CE and TÜV SÜD mark certification

Classic Series Biosafety Cabinet

Models:HR40-IIA2/HR30-IIA2 (70% circulation and 30% exhaust)

CE



- Ultra-efficient air filter (ULPA)
- Superior filtering effects 99.9995% for 0.12µm particles
- Sound and light alarm function
- Ergonomic 10 degrees tilt design
- Optional adjustable work bench height
- With CE and TÜV SÜD mark certification

Smart IoT Series Biosafety Cabinet

Models:HR1800-IIA2-X/HR1500-IIA2-X/HR1200-IIA2-X

CE



- Dual SMI pressure sensors, dual airflow speed sensors, DC fans, Dual ULPA filters
- IoT access management system (optional)
- Intelligent constant air velocity function ;
- UV lamp service life warning and one-touch timer function
- Optional Motorized sash
- Optional surveillance cameras to record the operating status
- Air curtain blocking technology
- HEPA filter service life warning function
- With CE certification

NSF Series Biological Safety Cabinet

Models:HR1800-IIA2-N/HR1500-IIA2-N/HR1200-IIA2-N/HR900-IIA2-N

NSF



- NSF / ANSI 49,
- Comply with NSF / ANSI 49 standard with NSF certification
 - Dual SMI pressure sensors, dual airflow speed sensors to monitors real-time airflow for safety and Alert the user for any insufficient airflow
 - Dual ULPA filters,10x Filtration efficiency of HEPA filter to creates ISO Class 3 work zone
 - Raised Arm Rest for Comfortable working posture
 - Optional Silver-ion impregnated powder coat for exceptional anti-microbial effecton
- EN 12469
- Comply with EN12469 standard with CE certification
 - 10 Inch intuitive touch screen
 - Dual SMI pressure sensors, dual airflow speed sensors to monitors real-time airflow for safety and Alert the user for any insufficient airflow
 - Dual ULPA filters,10x Filtration efficiency of HEPA filter to creates ISO Class 3 work zone
 - Raised Arm Rest for Comfortable working posture
 - Optional Silver-ion impregnated powder coat for exceptional anti-microbial effecton
 - Standard work bench support.

Hydrogen Peroxide Disinfector

Models:HGYX-Y100

CE



- Higher disinfection level with less consumption of hydrogen peroxide
- Compact size, light weight and convenient to handle and carry
- Real time monitoring and recording of data during operation
- Safe and secure, non-toxic, without other side effects by using hydrogen peroxide as disinfectant

Ductless Fume Hood
Models: HTF-1500W/1200W



- Intelligent constant speed design, ensure the best adsorption effect of the filter
- Energy-efficient EC fan for a longer service life and reliable operation
- Offers a broad range of accessories and options to meet clients' different requirements

Laminar Flow Cabinet
Models:HCB-1600H/1300V/900V



- High efficiency particulate air filters (HEPA)
- Superior filtration efficiency of 99.99% or above for particles of 0.3um or above
- Pre-cleaning function cleans working area before users start
- One-touch UV lamp operation with start delay for safety
- Built-in light to reduce eye strain

Laminar Flow Cabinet
Models:HCB-1600VS/1300VS



- Positive pressure chamber design ensures air velocity uniformity and forms effective seal
- Operating area cleanliness to ISO 14644-1 class 4
- Real-time display of airspeed, stepless speed regulation in the range of 0.20-0.50m/s with 0.01m/s accuracy
- Intelligent constant air velocity design

Mini Biological Safety Cabinet
Model: HR700-IIA2



- Space-saving design with large working area
- Real-time monitoring of the airflow for safety
- Ergonomic design for single person
- Energy-efficient EBM fan
- Optional stand
- Motorized sash

CO₂ Incubator with 180°C Dry-heat Sterilization
Models: HCP-258(B)/168(B)/80(B)



- Precise and accurate temperature control
- Precise CO₂ concentration using new IR sensor control technology
- Fast environment recovery for optimal cell growth
- 180°C Dry-heat sterilization technology minimises contamination
- Interactive Intelligent display with easy touch operation
- Optional O₂ module

Incubators

CO₂ Incubator with 90°C moist heat sterilization
Models: HCP-258E/168E/80E



- Uniform and stable temperature
- Precise CO₂ concentration using new IR sensor control technology
- Fast environment recovery for optimal cell growth
- 90°C moist heat sterilization technology
- Fast environment recovery for optimal cell growth

Standard Incubator
Models: HZP-168/HFP-80/HFP-168E/HZP-80E (CE not available yet for E series)



- Based on the fuzzy PID control principle, the temperature is controlled within a fluctuation range of ±0.1°C, making the cultivation more reassuring.
- After opening the door, the temperature inside the cabinet recovers quickly, reducing the impact of temperature fluctuations on the samples.
- Precise temperature control
- Optional IoT technology for real-time remote monitoring
- Multiple safety protection features, safe and stable

Vertical Autoclave
Models: HRLM-110A/80A/80/60A



- Adopt PID control technology
- One-click automatic sterilization without setting
- Multiple safety measures to ensure the safe use of the equipment
- Automatic Adrying function
- Anti-drying protection

Drying Oven
Models: HFS-160/HZS-60/HZS-160E/HFS-60E (CE not available yet for E series)



- Superior pre-heating technology with an innovative air duct structure, achieve precise temperatre control
 - Multiple safety protection features, safe and stable
 - Optional IoT technology for real-time remote monitoring
 - PID Control Technology ensures superior uniformity control
 - Multi-sided heating for rapid temperature rise, and the temperature inside the cabinet recovers quickly after opening the door, reducing the impact of temperature fluctuations on the samples.
- *Windows are optional.

Bench-top Autoclaves
Models: HRTM-45/23/18



- Triple Protection of Temperature and Pressure Monitoring, Electronic Lock and Mechanical Safety Devices
- Fast sterilization, diaphragm pump principle
- High Degree of Security by Extensive Safety Devices
- Adopts a new generation steam generator to increase the saturation of the saturated steam which ensures thorough sterilization

Note:

Products with CE Certification. Products are manufactured with Touch Screen. Products with NSF Certification. Products with Energy Star Certification. Products are manufactured with Hydrocarbon Refrigerant.
 The WHO Performance, Quality and Safety (PQS). CCEOP Eligible. Medical Device Regulation. Food and Drug Administration. Food and Drug Administration 21 CFR Part 11. Underwriters Laboratories.
 UK Conformity Assessed. In Vitro Diagnostic Medical Devices Regulation.

Climate Chamber - Compressor Type

Models: HHS-1060/810/500



- 7-inch LCD touch screen for easy operation.
- PID control algorithm ensures precise temperature control; Precise and uniform temperature distribution Security and traceability
- Exceptional energy efficiency

Cooled Incubator

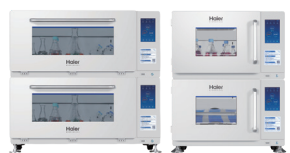
Models: HSP-260/160



- Wide Temperature Range from 0°C to +70°C, Multi-purpose, covering 90% of fungi cultivation.
- PID fuzzy control algorithm, which can realize precise temperature control.
- Multiple Operating Modes
- High Thermal Insulation Performance, Energy Saving and Environmental Protection

Shaking incubator (horizontal type)

Models: HYP-260Q Pro/HYP-380Q Pro/260CM/HYP260QM/260C Pro/HYP-380C Pro



- PID fuzzy algorithm for precise temperature control
- 10 inch intelligent touch screen with unlimited program segment storage
- Large capacity, capable to hold 5L Thomson shaking bottles
- HC Refrigerant
- HYP-380Q/C Pro/HYP-260QM/CM: multi-dimensional eccentric drive: stable and high loading
- HYP-260Q/C Pro: magnetic direct drive: flexible (shaking diameter change on site) and no wear
- UV disinfection

Shaking incubator (horizontal type)

HYP-260Q/HYP-380Q/HYP-260C/HYP-380C



- PID fuzzy algorithm for precise temperature control
- 10 inch intelligent touch screen with unlimited program segment storage
- Large capacity, capable to hold 5L Thomson shaking bottles
- multi-dimensional eccentric drive: stable and vibration free
- UV disinfection

Shaking incubator (vertical type)

HYLP-135C/HYLP-135Q



- magnetic direct drive: flexible (shaking diameter change on site) and no wear
- peltier technology: refrigerant free, eco-friendly
- CO2 recovery speed: recovery after 30s door opening 3min (fastest)
- 7 inch touchscreen, programmable
- UV disinfection

climate chamber - semiconductor

HHS-256eco/HHS-506eco/HHS-756eco



- top tier performance: temperature fluctuation $\leq 0.05^{\circ}\text{C}$, uniformity $\leq 0.15^{\circ}\text{C}$ (25°C60%RH)
- energy saving: 1.7 kWh/day (@25°C60%RH, Test model HHS-756eco)
- regulatory compliance and traceability
- peltier technology: vibration free and low noise

climate chamber - compressor

HHS-260 pro/HHS-500 pro/HHS-810 pro/HHS-1060 pro



- top tier performance: wide humidity range 10-95%RH; good temperature fluctuation and uniformity
- energy saving: 1.1kW·h/d (HHS-500Pro, @30°C65%RH)
- regulatory compliance and traceability
- HC refrigerant

CO₂ Incubator

HCP-190



- Precise and accurate Temperature Control
- Precise CO₂ Concentration Using IR Sensor Control Technology
- Fast Environment Recovery for Optimal Cell Growth
- 150°C Dry-Heat Sterilization Technology Minimises Contamination
- Interactive Intelligent Display with Easy Touch Operation
- Optional O₂ Module
- UV optional

CO₂ Incubator

HCP-188W



- When power is off for 10 hours, the temperature fluctuation is $\leq 7^{\circ}\text{C}$, the temperature fluctuation is $\leq 7^{\circ}\text{C}$, and the temperature drop per hour is $\leq 0.7^{\circ}\text{C}$, minimizing the impact of temperature fluctuations on cell viability
- The temperature uniformity is $\pm 0.2^{\circ}\text{C}$, providing a more stable long-term cultivation environment.
- Multiple air circulation filtration systems, achieving Class 100 cleanliness inside the chamber for more reassuring sensitive cell culture

Note:

Products with CE Certification.
 Products are manufactured with Touch Screen.
 Products with NSF Certification.
 Products with Energy Star Certification.
 Products are manufactured with Hydrocarbon Refrigerant.

The WHO Performance, Quality and Safety (PQS).
 CCEOP Eligible.
 Medical Device Regulation.
 Food and Drug Administration.
 Food and Drug Administration 21 CFR Part 11.
 Underwriters Laboratories.

UK Conformity Assessed.
 In Vitro Diagnostic Medical Devices Regulation.

Biobank Series LN₂ Solutions

Models: YDD-1800-635PT/YDD-1000-465PT/ YDD-550-445PM/YDD-350-326PM

- CE


- Massive capacity between 13,000 to 94,875×2ml Vials
 - Vapour phase storage at -190°C prevent cross-contamination
 - Supplied with intelligent Cryosmart liquid nitrogen system monitoring and control solution
 - LN₂ splash proof design for safer operation

Smart Series LN₂ Solutions

Models: YDS-175-216/YDS-145-216/YDS-115-216/YDS-95-216/YDS-65-216

- CE


- 5 models from 2,400 to 6,000 cryovial capacity
 - Cloud data storage for traceability (Optional)
 - Low liquid nitrogen consumption, high performance stability
 - Durable aluminium construction
 - Real-time monitor of temperature and fluid level
 - New lock design (All-new dual-lock design.)

Medium Series LN₂ Solutions

Models: YDS-175-216/YDS-145-216/YDS-115-216/YDS-95-216/YDS-65-216

- CE


- Heavy duty lockable enclosure
 - Liquid or vapour phase option available
 - Durable aluminium construction
 - Temperature monitoring available
 - High thermal efficiency
 - Ultra-low evaporation loss

Dryshipper Series LN₂ Solutions

Models: YDH-25-216/YDH-15-216/YDH-10-125/YDH-6-80

- CE


- Rugged and durable aluminium construction
 - Vapour phase storage
 - Straw and cryovial storage options
 - No LN₂ spillage
 - Lockable lids
 - Cryo absorbant

Self-pressurized Series LN₂ Solutions

Models: YDZ-500/YDZ-300/YDZ-150/YDZ-50/YDZ-5

- CE


- Stainless steel construction
 - Labelled valves for easy identification
 - Decant valves
 - Liquid storage
 - Integral safety mechanisms
 - Safety valves
 - Pressure raising
 - Rotary ring construction

Liquid Nitrogen Transfer Container

Models: HSN96-01H1

- 

 - 2L liquid nitrogen, long holding time
 - GPS positioning, temperature monitoring, transport process monitoring
 - Empty weight 4.1Kg, ultra-light weight transport convenient

-196°C Intelligent Liquid Nitrogen Biological Sample Storage System

Models: HSN96-46K2/24K2

- 

 - Precise sample management to ensure the safety of sample access in all aspects
 - Automatic sample access, accurate to single branch and single box frozen storage tube
 - Sample delivery booking function, saving waiting time
 - Low temperature protection in the whole process of sample access, access process, sample temperature ≤ -135°C
 - In case of emergency, it is convenient for manual transfer of samples. After removing the whole frozen storage rack, the frozen storage box and the frozen storage tube are directly placed into the conventional liquid nitrogen tank for emergency storage
 - Professional heat insulation drive structure, deep low temperature storage area, more uniform temperature
 - Servo control system + manipulator application, accurate positioning, ensure access accuracy
 - The driving parts are in normal temperature environment to ensure long-term stable operation of the equipment and save operation and maintenance costs

Low Temperature Transport Trolley

Model:YDC-3000H

- 

 - Touch screen LCD, easy to operate
 - Real-time monitoring
 - The instrument monitors the temperature and liquid level in real time and displays the expected remaining service time. Continuous working hours up to 24 hours
 - The insulation cover can be magnet absorbed to the side of vehicle, which is convenient to extract, and the space reserved at the bottom can be used to store other tools

Liquid Nitrogen Container

Models:CryoBio 13/CryoBio 43/CryoBio 95/CryoBio 27

- 

 - Ten-inch LCD touch screen, easy to operate
 - Cryosmart Level Monitoring System ZJY-800N Pro, which supports finger-print and NFC access,providing multiple safeguards for sample safety
 - Innovative frost-free designUnique exhaust structure to avoid frost on the neck. Brand-new drainage structure to avoid internal water accumulation
 - Auto-fill functio

The WHO Performance, Quality and Safety (PQS).CCEP Eligible.Medical Device Regulation.Food and Drug Administration.Food and Drug Administration 21 CFR Part 11.Underwriters Laboratories.UK Conformity Assessed.In Vitro Diagnostic Medical Devices Regulation.

Liquid Nitrogen Container

Model: CryoBio 6S



- Low liquid nitrogen consumption 1.5L/day
- Accurate real-time monitoring
- The autofill function can eliminate the need for manual filling and associated health safety risks

Liquid Nitrogen Container

Models: CryoBio 34Z/CryoBio 20Z/CryoBio 11Z



- With the full opening hydraulic lid design, users can access and remove their samples
- Brand new intelligent monitoring system
- With larger battery capacity, it can still be used after power failure
- Reduce frosting and freezing

Liquid Nitrogen Container

Models: Bio-2T/Bio-Air



- Lightweight design of the product, the total empty weight is only 3kg/2.8kg
- Temperature display: Visual real-time temperature monitoring , and the instrument part is dustproof and waterproof
- Multi-specification compatibility: Compatible with 1.2m, 1.5m, 1.8m, 2.0m and 5.0ml sample storage tubes
- High thermal insulation performance
- No liquid nitrogen overflow (Liquid nitrogen adsorption function)

Floor-standing Bioprocessing Centrifuge

Model: LX-210L750R



- Features with 3L capacity and performance up to 47,400 x g, which is ideal for all-purpose use in the industrial and research sectors
- Offering a broad portfolio of fixed-angle and swing-out rotors, which can accommodate tubes and bottles from 1.5 ml to 750 ml, as well as deep-well plates
- Patented tool-free rotor exchange technology enables the installation and removal of rotors on the centrifuge automatically and securely without the need for any tools
- Automatic radio-frequency rotor identification (RFID) that enables immediate identification of a rotor once it is securely placed in the centrifuge chamber, avoid over-speed, reduce error messages, and enhance the safety
- Optimized multi-layer shock absorption technology makes the sound level ≤ 65(dB(A))

Centrifuges

Floor-standing Bioprocessing Centrifuge

Model: LX-100L1000R



- Satisfy the changing application requirements that extend from academic research to production facilities. Offer up to 18,590 x g of centrifugal force and a maximum capacity of 6 liters
- Automatic radio-frequency rotor identification (RFID) that enables immediate identification of a rotor once it is securely placed in the centrifuge chamber, avoid over-speed, reduce error messages, and enhance the safety
- Optimized multi-layer shock absorption technology makes the sound level ≤ 65 (dB (A))
- The high-efficiency carbon fiber rotor achieves the maximum centrifugal force, faster acceleration and deceleration times, and greatly improves centrifugal efficiency

Floor-Standing Blood Banking Centrifuge

Model: LX-75L2400R



- One button automatic front-to-back door opening and closing
- 10-inch touch screen interface for convenient operation
- Improved capacity to maximize productivity(16 x 500 ml blood bags or 6 x 2400 ml centrifuge bottles per run)
- Short pre-cooling time of only 15minutes from room temperature to 4°C

Floor-Standing Compact Blood Banking Centrifuge

Model: LX-60L1000R



- Accommodates up to 6 x 500 ml blood bags or 12 x 200 ml blood bags per run with optimum sedimentation results
- One button automatic front-to-back door opening and closing
- Automatic rotor lid opening and closing with lid storage
- 7-inch touch screen interface for convenient operation

Benchtop General Purpose Refrigerated Centrifuge

Models: LX-155T750R/LX-155T500R/LX-60T750R



- Wide range of rotors for application flexibility
- Use of brushless induction motors to provide maintenance-free operation, eliminating carbon particle emissions
- Optimized sound design for low noise levels
- Automatic rotor identification and rotor life monitoring for maximum operational safety
- The 7-inch 45° glove-friendly touchscreen, the wide viewing angle more comfortable and practical for users of all heights.

Benchtop General Purpose Centrifuge

Models: LX-60T500-J

CE
IVDR



- Wide range of rotors for application flexibility, compatible with tubes/bottles from 0.2 ml to 500ml
- Real time loading imbalance detection, immediate shutdown protection in case of imbalance
- Unique air duct structure design, the heat inside the centrifugal chamber can dissipate quickly
- Patented anti-seismic door lock

Benchtop Compact Refrigerated Centrifuge

Models: LX-185T100R

CE
IVDR
UK
CA



- Fast sample processing at maximum speeds of up to 18,500 rpm (30,130xg)
- Short pre-cooling time and precise temperature control performance
- Each rotor use frequency monitoring to guarantee maximum operational safety
- Optimized sound design for low noise levels(≤52dB(A))

Benchtop Compact Centrifuge

Models: LX-185T100-J/LX-60T100-J

CE
IVDR



- Offer a compact footprint and compatible with 5ml,10ml, 15ml, 50ml or 100ml sample tube, small and large blood collection tubes
- Real time loading imbalance detection, immediate shutdown protection in case of imbalance
- Unique air duct structure design, the heat inside the centrifugal chamber can dissipate quickly
- Use of brushless induction motors to provide maintenance-free operation, eliminating carbon particle emissions

Benchtop Compact Hydrocarbon-Cooled Centrifuge

Model: LX-60T100R

CE
IVDR



- Uses natural refrigerant (R290) for optimal cooling and minimal environmental impact
- Dual inverter cooling and multi-shock absorption keep noise below 32dB(A) even at max speed
- RFID rotor identification locks maximum speed to prevent overspeed
- Rapid pre-cooling: reaches 4°C from room temperature in just 5 minutes

Benchtop High-speed Refrigerated Microcentrifuge

Model: LX-165T2R

CE
IVDR



- Auto-ID instant rotor identification and rotor service life statistics
- Precise temperature control and ultra-fast refrigeration
- Precise balance detection
- Smart lid lock and USB interface
- Large smart screen controller provides an interactive interface which is easy to operate even in gloves

Benchtop High-speed Microcentrifuge

Model: LX-165T2-J

CE
UK
CA
IVDR



- High efficiency air cooling technology
- Automatic rotor identification
- Safe and reliable
- Multiple vibration reduction and noise reduction technology

Mini-centrifuge

Models: LX-120T2Z/LX-50T2Z



- Simple and fast operation
- Suspension with shock absorber reduces noise output
- Safety interlock lid with automatic shut- off if lid is open
- Splash and leak protection

Spectrophotometer

Models: HX-6

CE
UK

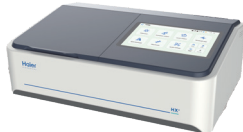


- 190–1100 nm wide wavelength range for versatile UV-Vis applications.
- 7-inch touch screen with user-friendly standalone operation.
- Built-in spectrum scanning, standard curve, kinetics, multi-wavelength and DNA/protein analysis.
- Automatic 8-position cell holder improves testing efficiency.
- USB data export with optional Bluetooth and PC software.
- Optional software compliant with FDA 21 CFR Part 11 for regulated laboratory applications.

Spectrophotometer

Models: HX-8

CE
UK



- Double-beam optical system provides excellent measurement stability across 190–1100 nm.
- 10-inch touch screen enables intuitive standalone operation.
- High wavelength accuracy of ±0.1 nm at D₂ 656.1 nm and ±0.3 nm over the full range.
- Automatic 8-position cell holder improves workflow efficiency.
- USB data export with optional Bluetooth and PC software.
- Optional software compliant with FDA 21 CFR Part 11 for regulated laboratory applications.

Spectrophotometer

Models: HX-9

CE
UK



- Double-beam UV-Vis system with selectable 0.5/1/2/4 nm spectral bandwidth.
- 190–1100 nm wavelength range with high wavelength accuracy and repeatability.
- 10-inch touch screen with comprehensive standalone analytical functions.
- Automatic 8-position cell holder and large sample chamber support diverse applications.
- USB output with optional Bluetooth and PC software.
- Optional software compliant with FDA 21 CFR Part 11 for regulated laboratory applications.

Spectrophotometer

Models:HQ-6

CE



- High-sensitivity double-beam UV-Vis spectrophotometer for demanding analytical applications.
- Continuously adjustable 0.1–5.0 nm spectral bandwidth in 0.1 nm increments, ideal for sharp absorption peaks.
- High-sensitivity photomultiplier detector delivers fast response and excellent weak-signal detection.
- Extra mercury lamp enables one-key wavelength accuracy calibration.
- 16 mm rigid die-cast aluminium optical base ensures excellent stability and reliability.
- Large sample chamber supports a wide range of optional accessories.
- Optional software compliant with FDA 21 CFR Part 11 for regulated laboratory applications.

Spectrophotometer

Models:HB-600

CE



- Requires only 1–2 µL sample volume, ideal for precious nucleic acid and protein samples.
- High-quality flash xenon lamp and 2048-pixel CCD detector provide rapid and repeatable readings.
- Supports nucleic acid, protein, kinetics, spectrum scanning, endpoint and OD600 measurements.
- Wide 190–1100 nm wavelength range with automatic path-length ranging.
- 7-inch colour touch screen provides simple and intuitive operation.
- Standalone operation with USB data export and user-upgradable software.

TOC Analyzer

Models:HTOC-1500/HTOC-1700(Online Mode)

CE



- Ultra-sensitive 1–1500 ppb TOC measurement range with a 1 ppb detection limit.
- UV oxidation requires no acid, carrier gas or catalyst, significantly reducing operating costs.
- Sensitive conductivity detector provides accurate TOC quantification.
- Ideal for purified water, ultrapure water, water for injection and microelectronics water.
- 7-inch touch screen, 8 GB storage, historical data traceability and USB export.
- Optional PC software complies with FDA 21 CFR Part 11 requirements and USP, EP, ChP and JP.
- Optional 20-position autosampler improves unattended throughput.
- Online real-time monitoring enables continuous TOC measurement in process water systems

TOC Analyzer

Models:HTOC-3000

CE



- Wet chemical UV oxidation with high-sensitivity NDIR detection.
- Wide measurement range up to 10,000 mg/L with a 5 µg/L detection limit.
- Supports samples with salinity up to 85 g/L.
- Automatic leakage detection improves operational safety and reliability.
- Precise gas-flow control enhances measurement accuracy.
- Modular design, multifunctional PC software and optional autosampler simplify routine operation and maintenance.

TOC Analyzer

Models:HTOC-5000

CE



- 680°C catalytic combustion with platinum catalyst, especially suitable for demanding samples such as seawater.
- Automatic sample dilution, acid addition and gas purging minimise manual intervention.
- Measurement range can be automatically extended up to 100,000 mg/L.
- Supports both liquid and solid samples with corresponding accessories.
- High-sensitivity NDIR detection combined with precise gas-flow and PID temperature control.
- Three-stage dehydration technology improves drying efficiency and system reliability.
- Standard-curve and consumables management simplify routine operation.

TOC Auto-Sampler

Models:HAS-W20

CE



- Automated liquid-sample handling for TOC analysis.
- 19 sample positions plus 1 dedicated cleaning position improve unattended throughput.
- 60 mL sample bottles support convenient routine testing.
- Designed to improve automation and productivity of TOC workflows.

TOC Auto-Sampler

Models:HAS-S200



- Extends TOC analysis to solid and suspended-liquid samples.
- Supports TC, TIC and TOC analysis under PC control.
- High-temperature catalytic combustion at 900°C, with a maximum temperature of 1000°C.
- Supports solid samples up to 1.0 g with a 0.1–30.0 mg measurement range.
- Typical measurement time of only 5–8 minutes.

Microwave Digestion System

Models:HMWD-500

CE



- Compatible with 6/8/10-position sample rotors for flexible batch processing.
- Contactless IR temperature and pressure sensors monitor the actual sample solution in every vessel.
- Real-time temperature and pressure curves provide clear digestion-process visibility.
- No bursting disks or sealing cups required, reducing consumable and maintenance costs.
- 7-inch touch screen with pre-installed international application methods.
- 316L stainless-steel explosion-proof cavity, rapid air cooling and electromagnetic protection enhance safety and durability.

Microwave Digestion System

Models:HMWD-600

CE



- Supports 6/8/10/12-position rotors for flexible laboratory workloads.
- Contactless IR temperature and pressure monitoring provides real-time data for each vessel.
- Measures sample-solution conditions rather than vessel-wall temperature for improved process control.
- Consumable-free pressure-monitoring design reduces routine operating costs.
- 7-inch touch screen with editable application methods.
- Corrosion-resistant 316L cavity, rapid cooling and comprehensive safety protection ensure reliable operation.

WHO

The WHO Performance, Quality and Safety (PQS).

CCEP

CCEP Eligible.

MDR

Medical Device Regulation.

FDA

Food and Drug Administration.

FDA21CFR11

Food and Drug Administration 21 CFR Part 11.

UL

Underwriters Laboratories.

UKCA

UK Conformity Assessed.

IVDR

In Vitro Diagnostic Medical Devices Regulation.

Microwave Digestion System

Models: HMWD-700



- 12-vessel capacity supports medium-to-high-throughput digestion.
- Automatic venting and self-resealing vessels minimise sample loss and vessel damage during over-pressure events.
- Contactless temperature and pressure monitoring provides real-time status for every vessel.
- Stores up to 255 digestion methods with up to 10 programmable steps per method.
- Up to 2000 W adjustable microwave power enables efficient digestion.
- Comprehensive protection against over-pressure, over-temperature and abnormal operating conditions.
- 18-vessel capacity provides higher throughput for batch digestion.

Microwave Digestion System

Models: HMWD-750



- 18-vessel capacity provides higher throughput for batch digestion.
- Automatic venting and self-resealing vessels improve safety and sample protection.
- Individual-vessel contactless temperature and pressure monitoring provides precise process visibility.
- Stores up to 255 programmable digestion methods with up to 10 steps each.
- Comprehensive over-pressure, over-temperature and abnormal-condition protection ensures safe operation.

Microwave Digestion System

Models: HMWD-800



- Up to 40-vessel capacity makes it ideal for high-throughput batch digestion.
- Automatic pressure venting and self-resealing reduce the risk of sample loss and vessel damage.
- Contactless IR temperature and pressure sensors monitor every vessel throughout digestion.
- Stores up to 255 methods with up to 10 programmable steps per method.
- Comprehensive safety system includes double-locked door and automatic over-pressure and over-temperature protection.
- Combines high throughput with individual-vessel process monitoring.

Spectrophotometer

Models: HUV-5800



- Wide 190–1100 nm UV-Vis wavelength range with ± 0.5 nm wavelength accuracy.
- Low stray light of $\leq 0.05\%T$ at 220 nm and 360 nm improves photometric performance.
- 8 mm rigid die-cast aluminium optical base provides excellent optical stability.
- Imported tungsten and deuterium lamps provide stable output and long service life.
- Complete numerical keypad and automatic wavelength setting simplify operation.
- USB and parallel interfaces support convenient data output and optional PC operation.

Spectrophotometer

Models: HUV-5100



- Wide 190–1000 nm UV-Vis wavelength range for routine laboratory applications.
- High-quality tungsten and deuterium lamps provide stable light output and long service life.
- 2.5-inch HD LCD clearly displays standard curves and test results.
- Stores up to 200 groups of test results directly on the instrument.
- Automatic wavelength setting helps reduce operator errors.
- USB and parallel ports support optional PC software and thermal-printer output.

Spectrophotometer

Models: HV-5800



- 320–1100 nm visible wavelength range with ± 0.5 nm wavelength accuracy.
- Low stray light of $\leq 0.05\%T$ at 360 nm supports accurate photometric measurements.
- 8 mm rigid optical base improves stability and reliability.
- Imported tungsten lamp provides stable performance and long service life.
- Numerical keypad and automatic wavelength setting simplify routine operation.
- USB and parallel interfaces enable convenient data output and optional PC connectivity.

Spectrophotometer

Models: HV-5100



- 325–1000 nm visible wavelength range for routine spectrophotometric analysis.
- High-quality tungsten lamp provides stable performance and long service life.
- 2.5-inch HD LCD clearly displays standard curves and measurement results.
- Stores up to 200 groups of test results directly on the instrument.
- Automatic wavelength setting helps minimise operating errors.
- USB and parallel interfaces support optional PC software and thermal-printer output.

Refrigerated Vaccine Vehicle



- Low fuel consumption
- Good insulation, safe and reliable
- Firm structure and corrosion resistance
- Strong after-sales service support capability
- Complies with WHO PQS specification E002/RV01.2
- Accurate temperature control and high temperature uniformity

Mobile Environmental Testing Laboratory



- Rational Layout Design
- Multiple power guarantees
- Professional laboratory equipment
- Outstanding vehicle platform

Air Purification Sterilizer

Model: YKJX-Y800D



- High-efficiency disinfection: >90% natural bacteria in 60 min; >99% Staphylococcus albus in 30 min.
- Truly consumable-free: Adopts DBD plasma + catalyst to decompose ozone; no replacements needed.
- Energy-saving and low power consumption: as low as 27.375 kWh/unit/year under standard operation.

Mobile Container Clinic



- Multiple medical storage cabinets
- Ergonomic design
- Intelligent monitoring system
- Air conditioner system
- Customized layout to meet customer's individual needs
- Transportable, can be deployed rapidly

Mobile PCR Testing Laboratory

YJF-12X1H



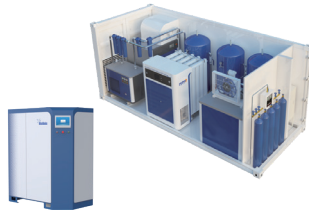
- Solid and durable cabin
- Superior materials of high safety
- Sophisticated ventilation facilities and rain protection measures
- Intelligent control system
- Small shelter footprint, transportable, rapid deployment

Solar Powered Medical Laboratory



- Solar direct drive, suitable for remote regions where power shortages are common
- High efficiency solar panels to ensure the operation of large power consumption equipment
- Windproof and earthquake resistant
- Equipped with complete power supply system, water supply and drainage system, access control system and unlock fingerprint
- Equipped with surveillance camera and mass storage devices to ensure the maximum safety

Oxygen Supply System



- Using air as raw material, PSA method is adopted to generate oxygen to meet the medical oxygen demand of general ward, intensive care unit (ICU), hyperbaric oxygen chamber, common operating room, abdominal operating room, thoracic and cerebral operating room
- Integrated medical PSA oxygen generating system is suitable for the town and community hospitals, clinics, health facilities, beauty centers, entertainment and sport venues, hotels and villas, plateau areas etc

Medical Waste Incinerator



- Wide spectrum of disinfection bacteria
- High sterilization efficiency, reducing energy consumption without dioxin pollution
- Easy operation and maintenance
- Low operating cost

Microwave Incinerator



- Environmentally friendly
- Diversified products
- Superior products
- Innovative technology

Solar Direct Drive Cold Room



- Solar photovoltaic power generation system
- Solar direct drive compressor without battery
- PLC intelligent control
- Wide operating ambient temperature range of 5-43°C
- Optional 48V switching power supply
- Supporting single phase 110-220V AC power supply
- Superior insulation performance

Cold/Freezer Room-Mono/Split type

- CE


- Constant temperature of 2 - 8°C (or -15 -25°C)
 - All-in-one design of refrigeration system(Mono type)
 - The WIC is equipped with aluminum shelf system
 - Door equipped with a lock and heavy-duty hinges, with an internal safety release
 - CFC-free refrigerant
 - 100% stand-by refrigeration under worst-case conditions; (dual refrigeration unit)
 - With sound and light alarm system: power failure, door status, high temperature, low temperature alarm

Gateway 502

- CE


- Highly reliable connectivity through 2G/3G/4G network upload monitoring platform
 - Purposely Designed for Industrial Scenarios

Temperature Data Logger
Model: HETL-01

- 
- Lora wireless ad hoc network communication technology, strong adaptability
 - Smart gateway with backup battery, supports data breakpoint with continued transmission
 - Powered by battery, and the working time is more than one year
 - Real-time display of measurement data
 - Can achieve the monitoring of cold room door, warehouse door and other door body open close usage activity
 - Can monitor whether the power supply of the public grid is at normal capacity

Remote Temperature Monitoring Device(RTMD)
U-Cool/U-Cool-Pro

- CE


- Remote portal management platform, tracking temperature location
 - High precision, wide range of temperature measurements
 - Complies with WHO Standards, WHO prequalified code: E006/060

Remote Temperature Monitoring Dvice(RTMD)
U-COOL-Lora

- CE


- LoRa wireless ad hoc network communication technology, strong adaptability
 - Smart gateway equipped backup battery, supports data breakpoint with continued transmission
 - Complies with WHO PQS specification E006
 - Equipped with standard a Micro-USB interface to cooperate with PC software for local data export
 - LoRa spread spectrum modulation is adopted for wireless communication. Offering long communication distances, and a strong ability for signals to pass through obstacles/walls, with excellent anti-interference properties
 - Achieve the monitoring the status of door, power supply, temperature
 - Shockproof and dustproof to fit a variety of complex environments

Note:

CE

Products with CE Certification.



Products are manufactured with Touch Screen.



Products with NSF Certification.



Products with Energy Star Certification.



Products are manufactured with Hydrocarbon Refrigerant.



The WHO Performance, Quality and Safety (PQS).



CCEOP Eligible.



Medical Device Regulation.



Food and Drug Administration.



Food and Drug Administration 21 CFR Part 11.



Underwriters Laboratories.



UK Conformity Assessed.



In Vitro Diagnostic Medical Devices Regulation.

Product Portfolio

Cryo Freezer -86°C ULT Freezers



Freeze Dryers



-60°C Freezer -40°C Biomedical Freezers



-30°C Biomedical Freezers



-25°C Biomedical Freezers



Spark Free Freezers/Refrigerators



Lab Consumables
Storage Solutions

Passive Cooling



HZY-5B HZY-35B

Medical Transport Container



FS-12LS/18LS/35LS/
54LS/100L/110L

Biosafety Transport Container



FS-12 18 35 54LS

Active Cooling



HZY-15Z (ZA) HZY-8Z (ZA)

Intelligent Control Cold Chain Transport Cooler



BW25-8A/12A/18A/
36A/64A
BW50-12A/36A



Lab Consumables
Storage Solutions

Cryogenic Storage Series



High Speed Batch Scanner



Single Tube Scanner



Batch Cover Opener

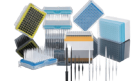


Cryogenic Vial Laser Coding System



Consumables

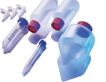
Pipette Tip Series



Serological Pipette

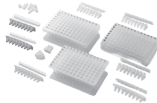


Centrifuge Tube Series



Pharmacy
Refrigerators

Molecular Biology Series



Cell Culture Series



Others



Chromatography Refrigerator



NEW

HYC-1100C



HYC-1030GT



HYC-1031GD

NEW



HYC-1031FD

NEW



HYC-761GD

NEW



HYC-461GD



HYC-461FD

NEW



HYC-341GD

RFID Refrigerator



HYC-509R

NEW



HYC-639R



HYC-1099TF



HYC-509T



HYC-509TF



HYC-1099T



HYC-1099F



HYC-509



HYC-1099



HYC-509F



HYC-309



HYC-410



HYC-639



HYC-610



HYC-1378

NEW



HYC-130GD

NEW



HYC-130FD

Under-counter Pharmacy Refrigerator



HYC-85GD



HYC-85FD

NEW



HYC-80GE

NEW



HYC-55GE

NEW



HYC-125GE



HYC-220



HYC-310A

Product Portfolio

Combined Refrigerator
and Freezer

NEW



HYC-701GD

NEW



HYC-701FD

NEW



HYC-701GT

NEW



HYC-701FT

NEW



HYC-1531GD

NEW



HYC-1031GDH

NEW



HYCD-530GT



HYCD-282



HYCD-282A
HYCD-319A



HYCD-469



HYCD-469A

Fluid Warming
Cabinet



HYR-111

Blood Bank
Refrigerators



HXC-429/
629TR



HXC-1369TR



HXC-149R



HXC-429R/629R



HXC-429RV/
629RV



HXC-629ZZ



HXC-149ZZ



HXC-1369T



HXC-429T
HXC-629T



HXC-149T

Plasma
Freezer

NEW



HXC-279T



HXC-1369



HXC-429
HXC-629
HXC-629B



HXC-149



HXC-106



HXC-279



HXC-158
HXC-158B

Plasma
Apheresis
System



XJ-III

Plasma Blast
Freezers



XSD-24FL

Platelet
Incubator



XSD-24WFL



XSD-48WFL



XSD-24FL-B

Automated
Blood Component
Separator



HXF-D01

Plasma
Thawer



HRJ-L36S



HRJ-T12S

Smart Vaccine
Refrigerators



HYC-361



HYC-61

Solar Direct Drive Combined
Refrigerators/Freezers



HTCD-160B (EMS)
HTCD-160B

NEW



HTCD-220 (EMS)
HTCD-220



HTCD-90 (EMS)
HTCD-90

Solar Direct Drive
Vaccine Refrigerators



HTC-110 (EMS)
HTC-112EMS



HTC-120 (EMS)
HTC-240 (EMS)
HTC-120/240

Solar Direct
Drive Freezer



HTD-40

Solar Direct Drive
Blood Refrigerator



HTXC-120/240

Ice-lined Combined
Refrigerators/
Freezers



HBCD-90 (EMS)

NEW



HBCD-160 (EMS)
HBCD-220 (EMS)

Ice-lined Combined
Refrigerators



HBC-79
HBC-80EMS
HBC-150EMS
HBC-260EMS



HBC-120 (EMS)
HBC-240 (EMS)

Dehumidification ·
Refrigeration/Freezing



HTCD-220HS
HBCD-160HS
HBCD-220HS

Dehumidification ·
Refrigeration



HTC-240HS
HTC-120HS
HBC-240HS
HBC-120HS

Voltage
Stabilizer



HVS-1000U

Vaccine & Icepack Freezers

NEW



HBD-86

NEW



HBD-130



HBD-265

Walk-in Cold Room

NEW



HWIC-10/20/30/40M (AC)

Solar Direct Drive Cold Room

NEW



HWIC-10/20/30/40M (DC)

Vaccine Refrigerated Vehicle



VR-23

RTMD



U-COOL



U-COOL Pro



U-COOL-L0Ra



Gateway 502



HETL-01

Biological Safety Cabinets

NEW



HR900-IIA2-G
HR1200-IIA2-G
HR1600-IIA2-G



HR900-IIA2-N
HR1200-IIA2-N
HR1500-IIA2-N
HR1800-IIA2-N



HR900-IIA2-D/S
HR1200-IIA2-D/S



HR900-IIA2
HR1200-IIA2
HR1500-IIA2



HR700-IIA2



HR30-IIA2
HR40-IIA2

Classical Series

Laminar Flow Cabinets

Type B2



HR1360-IIIB2



HR1500-IIA2-DW

Ductless Fume Hood



HCB-1600H



HCB-900V
HCB-1300V/VS
HCB-1600VS

CO₂ Incubators



HCP-80/B
HCP-168/B
HCP-258/B



HCP-80E
HCP-168E
HCP-258E

Shaking Incubators



HYP-380C/380Q
260C/260Q



HYLP-135C/Q

Water Jacketed CO₂ Incubator



HCP-188W

Standard Incubators



HFP-80
HZP-168



HZP-80E
HFP-168E

Climate Chambers



HHS-256eco/506eco/756eco



HHS-500/810/1060



HHS-260 pro/HHS-500 pro/HHS-810 pro/HHS-1060 pro

Cooled Incubators



HSP-160
HSP-260

Growth Chamber



HGP-860
HGP-610

Drying Ovens



HZS-60
HFS-160



HZS-160E
HFS-60E

Autoclaves

Vertical



HRLM-80



HRLM-60A
HRLM-80A



HRLM-110A

Horizontal



HRTM-18/23



HRTM-45

Hydrogen Peroxide Disinfectors



HGYX-Y100

Centrifuges



LX-155T500R

General purpose

NEW



LX-155T750R
LX-60T750R



LX-60T500-J

Compact

NEW



LX-185T100R
LX-185T100-JLX-60T100-J

Hydrocarbon-Cooled

NEW



LX-60T100R

Micro



LX-165T2R



LX-165T2-J

Mini



LX-120T2Z
LX-50T2Z

Floor-standing



LX-75L2400R

NEW



LX-60L1000R

Liquid Nitrogen Containers

Floor-standing



LX-100L1000R



LX-210L750R



YDD Series



CryoBio 13/27/43/95

Low Temperature Transport Trolley



CryoBio 11Z
CryoBio 20Z
CryoBio 34Z



YDC-3000H



Bio-2T
BioT Air



CryoBio 6S



YDS Series



YDZ Series



CryoBio 43R

-196°C Intelligent LN₂ Biological Sample Storage System

LN₂ Transfer Container



HSN96-46K2/24K2



HSN96-01H1



HSN96-21KM

Controlled Rate Freezer



CJ-L19/37/54

-80°C Automated Storage



HAB80-60KA/HAB80-60KB



HAB80-07K

Analysis Instruments

TOC Analyzer



HTOC-1500
HTOC-1700 (Online Model)



HTOC-3000/5000



Autosampler HAS-W20

Spectrophotometer



HV-5100/5800
HUV-5100/5800



HX-6/8/9



HQ-6



HB-600

Microwave Digestion System



Autosampler HAS-S200



HMWD-500



HMWD-600



HMWD-700/750/800