



## abm Laboratory Equipment

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**abm** offers a wide range of state-of-the-art laboratory equipment for everyday lab work and research applications. Every piece of equipment we offer has been thoroughly tested, and is routinely used for in-house experiments. Hence, we can confidently ensure premium quality products at highly competitive prices.

Obtaining valuable experimental data is not only the result of using high quality research reagents, but also of using reliable, sensitive, and durable equipment; **abm** can help you find the right equipment that best complements your experimental needs.

## -86°C Ultra Low Temperature (ULT) Lab Freezer

Cooling Performance	Effective Capacity	Cat. No.	Price (USD)
<b>-86 °C</b>	<b>528L</b>	<b>Q5126</b>	<b>\$9,500.00</b>



Lockable front door with handle designed for easy opening and closing

7-inch touch screen controller with keyboard lock and password protected configuration page

Audible and visual alarm to indicate power failure, temperature imbalances, and more

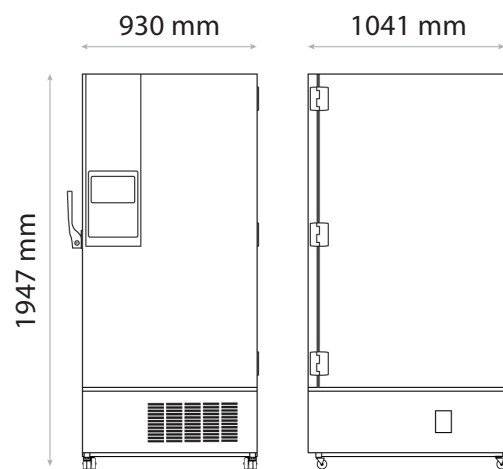
Stainless steel interior with painted steel outer panel

## Product Specifications



**abm's** Ultra Low Temperature Lab Freezer uses a microcomputer to sense ambient temperature, voltage, and other conditions required for automatic and accurate internal temperature adjustment and control. With a variety of alarm functions, ultra-thick cyclopentane foam insulation, superb heat dissipation, and a single-stage oil lubrication compressor, this freezer is safe, reliable, and easily maintained.

The Ultra Low Temperature Lab Freezer can be used for the preservation of red and white blood cells, tissue samples, DNA/RNA, bone, bacteria, semen, biomedical products, oceanic products, electronic devices, and other special materials. It is suitable for blood banks, hospitals, academic institutions, military industries, centers for disease control and prevention, pelagic fishery companies, sanitation and electronic industries, and much more.



Input Power: 1100 W

External Dimensions (w x d x h): 930 x 1041 x 1947 mm

Internal Dimensions (w x d x h): 585 x 696 x 1266 mm

Net Weight: 320 kg

## HEPA Filter Biological Safety Cabinet, 4ft

Cat. No.      Price (USD)  
**Q5051      \$7,250.00**

**abm's** HEPA Filter Biological Safety Cabinet uses a world-renowned ultra-efficient filter (with an efficiency of 99.9995%) to offer an unbeatable level of cleanliness. The foot height can be adjusted from 0 to 75mm to allow comfortable operation by the user. Its 6mm-thick tempered glass front window blocks UV and resists shatter. This safety cabinet also utilizes a misuse chain protection system and associated audible and visual alarms to fully monitor abnormal conditions, ultimately providing full protection for the users. The cabinet is easy to clean, reliable, and convenient to use.



## Cell Freezing Container

Product Name	Cat. No.	Price (USD)
30Vial Cell Freezing Container	Q5086	\$210.00
12Vial Cell Freezing Container	Q5085	\$120.00

**abm's** uniquely designed Cell Freezing Containers ensure an even and consistent freezing rate of  $-1^{\circ}\text{C}/\text{min}$ , without the need for alcohol or any liquids. Fitting either 12 or 30 cryotubes, these containers fit comfortably inside any  $-80^{\circ}\text{C}$  cryogenic freezer and are proven to work with a variety of cell types including stem cells, primary cells, immortalized cells, and more. The Cell Freezing Containers are not only capable of greatly improving the efficiency and rate of cell survival, but are also safer for the human body and the environment compared to traditional cell freezing containers.



## CO<sub>2</sub> Incubator, 150L

Cat. No.      Price (USD)  
**Q5103**      **\$4,950.00**

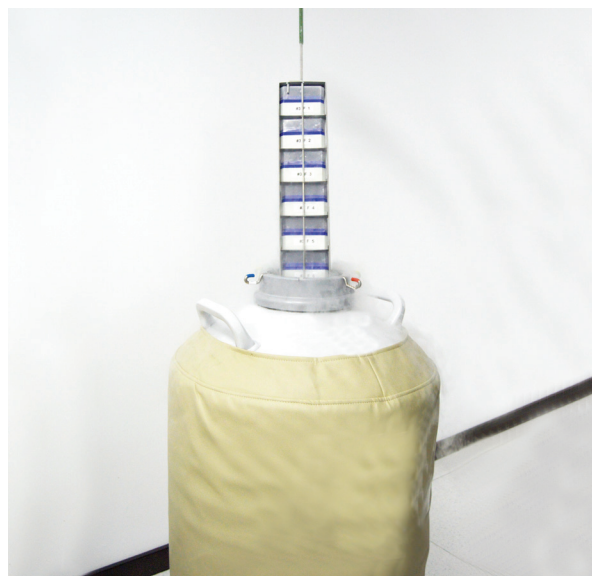


**abm's** CO<sub>2</sub> Incubator is suitable for cell, tissue, and bacterial culture applications, which are key for the fields of immunology, genetics, oncology research, and bioengineering. It is widely used in the research and production of microbes, agricultural science, *in vitro* fertilization, cloning experiments, and cancer research. The incubator has two shelves with room to stack multiple cell culture containers, allowing for maximization of laboratory space. Its microcomputer control system precisely monitors and adjusts the temperature, and the speed of the circulating fan is automatically controlled to avoid sample volatilization caused by excessive air circulation. With a reliable stainless steel liner, partitions, and four semi-circular corners, the shelf brackets can be freely taken off to allow for easy cleaning. The CO<sub>2</sub> inlet has a high-efficiency microbial filter for the removal of bacteria and dust particles in CO<sub>2</sub> gas, with a filtration efficiency of up to 99.99% for particles with a diameter greater than or equal to 0.3 μm.

## Cryogenic Liquid Nitrogen Storage Tank, 47L

Cat. No.      Price (USD)  
**Q5135**      **\$1,500.00**

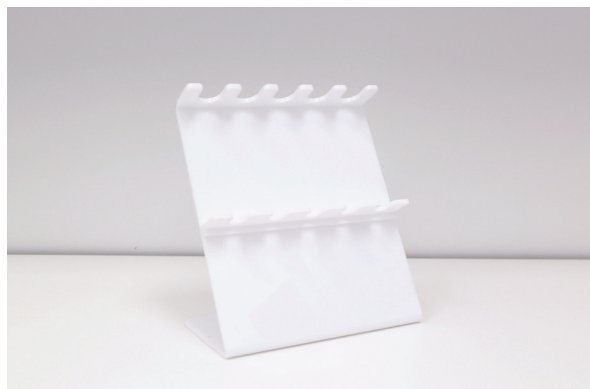
**abm's** Cryogenic Liquid Nitrogen Storage Tank combines the advantages of low liquid nitrogen consumption and medium-range storage capacity to meet the needs of various professionals in the medical industry. The cryopreservation rack is housed in ultra-low tonic liquid nitrogen, and the tank is lightweight with a small space requirement. Advanced super insulation and ultra-high vacuum technology ensures storage for up to 4 months, reducing liquid nitrogen consumption.



## 5-Place Pipette Stand

Cat. No.      Price (USD)  
**Q5141**      **\$35.00**

**abm's** 5-Place Pipette Stand can stably and conveniently hold up to five single and multi-channel pipettes on the rack simultaneously. Applicable to a variety of micro-pipettes, the rack is easy to transport and store, and can be freely assembled or disassembled.



## Single Channel Pipettes



Product Name	Cat. No.	Price (USD)
P2 Single Channel Pipette (0.1 - 2 $\mu$ l)	B250	\$75.00
P20 Single Channel Pipette (2 $\mu$ l - 20 $\mu$ l)	B251	\$75.00
P200 Single Channel Pipette (20 $\mu$ l - 200 $\mu$ l)	B252	\$75.00
P1000 Single Channel Pipette (100 $\mu$ l - 1000 $\mu$ l)	B253	\$75.00
4 Pipette Bundle Pack (Set of one each of B250, B251, B252 and B253)	B254	\$275.00

**abm's** Single Channel Pipettes can be independently calibrated without the need for tools. The unique seal design allows for ultra-light piston sliding resistance, greatly reducing the strain on the user's hand during long-term use.

## High Speed Micro-centrifuge with 24 x 1.5ml Rotor

Cat. No.      Price (USD)  
**Q5140**      **\$1,500.00**

**abm's** High Speed Micro-centrifuge has a speed range of 100-15000rpm with an accuracy of  $\pm 10$ rpm. It also has a maintenance-free frequency induction motor, and a microcomputer which can control the speed, timing, and relative centrifugal force. This centrifuge can withstand chemical corrosion with its high-strength main engine and rotor material. The centrifuge has sealing function and a sealed angle rotor head equipped with a rotor cover to prevent contamination of the sample. At the end of centrifuge run, the cover automatically opens to prevent sample overheating, and sample retrieval is made easy.



## Benchtop Centrifuge with Swing Buckets, 4000 rpm

Cat. No.      Price (USD)  
**Q5120**      **\$1,500.00**



**abm's** Benchtop Centrifuge uses an advanced CPU control system with a microcomputer that controls the speed, timing, and relative centrifugal force. The centrifuge has a stainless steel cavity and solid structure, making it suitable for continuous use. It also has a simple, compact, and lightweight design with an inflatable spring, easy-to-open lid, and quiet sound. The shell of the centrifuge is made of high-strength ABS plastic, and there is door cover protection, hyperspeed, and an advanced electronic imbalance detection system. An automatic lock and real-time monitoring of the centrifugation process ensures safe operation of the instrument.

## Tabletop Vacuum Aspirator System



Cat. No. **Q5136** Price (USD) **\$225.00**

**abm's** Tabletop Vacuum Aspirator System is designed and manufactured for chemical testing, clinical testing, bio-engineering, metallurgy, environmental protection, and various other laboratory applications. The vacuum decompression device can be used for liquid absorption, drainage, or decompression functions. Thus, this device is widely applicable for a number of processes including: the preparation of monoclonal antibodies; fluid exchange of liquid after fusion; extraction of supernatants and sediment after centrifugation; and washing of the ELISA plate. Other uses include the rapid pumping of spectrophotometers or a variety of biochemical analyzers with a flow cell device, to replace the water shock decompression of the glass pump, and as a pumping point of the sample in molecular hybridization tests.

## Price List

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HEPA Filter Biological Safety Cabinet, 4ft	Q5051	\$7,250.00
30 Vial Cell Freezing Container	Q5086	\$210.00
12 Vial Cell Freezing Container	Q5085	\$120.00
CO <sub>2</sub> Incubator, 150L	Q5103	\$4,950.00
Cryogenic Liquid Nitrogen Storage Tank, 47L	Q5135	\$1,500.00
5-Place Pipette Stand	Q5141	\$35.00
P2 Single Channel Pipette (0.1 - 2 µl)	B250	\$75.00
P20 Single Channel Pipette (2 µl - 20 µl)	B251	\$75.00
P200 Single Channel Pipette (20 µl - 200 µl)	B252	\$75.00
P1000 Single Channel Pipette (100 µl - 1000 µl)	B253	\$75.00
4 Pipette Bundle Pack (Set of one each of B250, B251, B252 and B253)	B254	\$275.00
High Speed Micro-centrifuge with 24 x 1.5ml Rotor	Q5140	\$1,195.00
Benchtop Centrifuge with Swing Buckets, 4000 rpm	Q5120	\$1,195.00
Tabletop Vacuum Aspirator System	Q5136	\$225.00