

CHENGDU SHENGJIE CRYOGENIC EQUIPMENT CO., LTD



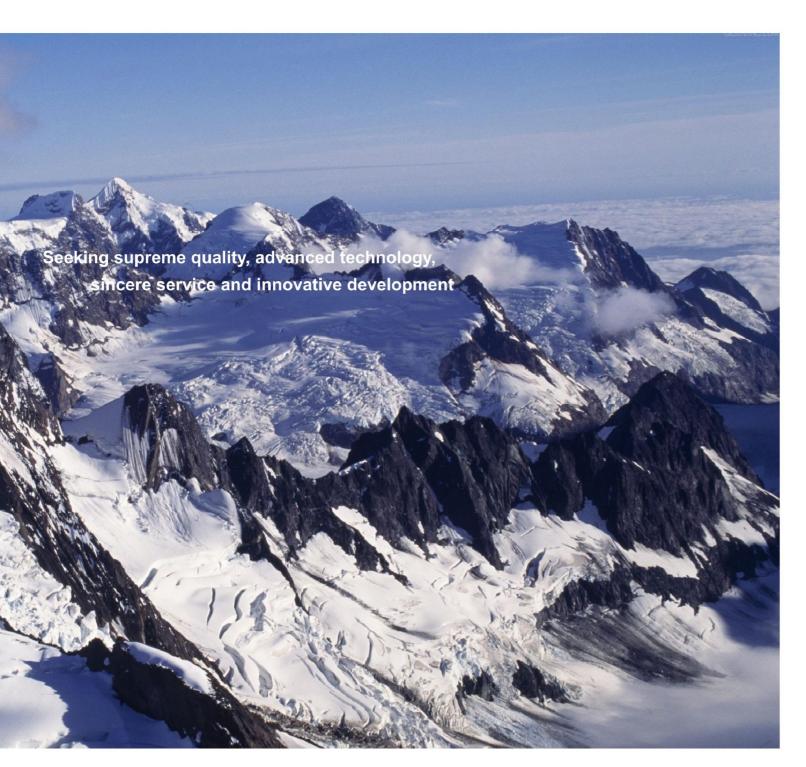
CHENGDU SHENGJIE CRYOGENIC EQUIPMENT CO., LTD

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INTRODUCTION SHENGJIE **CRYOGENIC**

EQUIPMENT CO., LTD

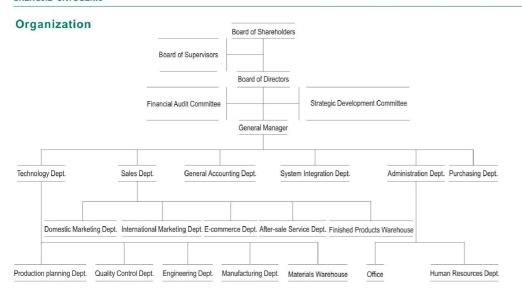
Company Profile

Chengdu Shengjie Cryogenic Equipment Co., Ltd is a state-level hi-tech enterprise with two certifications, which is specialized in R&D, manufacturing and selling of biological liquid nitrogen container series (stem cell bank use series and aluminum alloy series), cryogenic liquid storage & transportation container, various non-standard cryogenic container, cryogenic pipeline, level and temperature monitor, intelligentized plug, monitoring and managing system of liquid nitrogen container, managing system of stem cell bank and other serial products.

Chengdu Shengjie has always been upholding the corporate concept that "the company should seek supreme quality, advanced technology, sincere service and innovative development". We have a technical team of professional technical personnel with experience of about thirty years in R&D and manufacturing of various types of cryogenic liquid storage and transportation equipments. Particularly, we have accumulated rich experience in acquiring and keeping vacuum, multi-layer insulation, biological product cryopreservation, cryogenic intelligent electronic control system, and so forth. It is also equipped with advanced manufacturing facility, manufacturing technology, detection means, and professional cryogenic product design and scale production capability. Having successful experience of several major cryogenic engineering implementations, we have established technical cooperation with many higher institutes and research institutions. Our business covers stem cell bank, blood bank, hospital, biological engineering, animal husbandry, higher institute, research institution, machinery, petrifaction, semi-conductor, aerospace, superconductor, industrial gas and liquid, metallurgy, new material, air separation, low carbon chemical engineering and so on, and could provide mature program design.

The company strictly follows ISO 9001 and ISO 13485 quality control procedures to ensure its product quality and 100% qualified product rate. In the meanwhile, after-sale service system of quick response is established to make sure that users can safely use its products. The company now has two product appearance patents, six utility model patents, two software copyrights and three registered trademarks.

Currently, driven by advanced enterprise concept and scientific enterprise management, Shengjie staffs, under the help of favorable governmental policies, attempt to make a new leap forward in cryogenic industry in cooperation with vast associates with their effort and wisdom. We firmly believe that supreme quality, advanced technology, sincere service and innovative development are the cornerstone of success. We cordially hope that new and old clients would join hands with us to create a bright future!



Enterprise culture

I. Objective:

Seeking excellence on the strength of innovation, and serving clients with cryogenic equipment of advanced technology

II. Spirit:

Integrity is the basis of survival and the basic principle of behaving and operating;

Unity is the source of power and the driving force of development;

Innovation is the foundation of development and guarantee of core competitiveness;

Devotion is the embodiment of responsibility and the demand of employee and enterprise development.

III. Operation Concept:

Seeking supreme quality, advanced technology, sincere service and innovative development

IV. Management Concept:

Efficiency and effectiveness is the core, institution is the guarantee, and Shengjie enterprise culture of powerful unity is the driving force for steady enterprise development.

V. View of Talent:

Employees are the most valuable intangible asset for an enterprise; working cultivates them, performance tests them, development attracts them and enterprise culture unifies them.

VI. Outlook on Development:

A balanced development of technology and market is the guarantee for steady enterprise development.

CERTIFICATES SHENGJIE **CRYOGENIC**

EQUIPMENT CO., LTD

Qualifications and honors

Seeking supreme quality, advanced technology, sincere service and innovative development which is the core concept of our Shengjie brand management. Our honors come from our seeking for supreme quality, our professional manufacturing technology and the praise from customers.





SHENGJIE PRODUCTS

PRODUCTS SHENGJIE **CRYOGENIC**

EQUIPMENT CO., LTD

Biological liquid nitrogen container >>

A. Stainless steel biological liquid nitrogen container (stem cell bank and bio-medical use only)



Large caliber biological liquid nitrogen container of stainless steel is a state patented product (Patent No: ZL200720081948.X, ZL201120352301,2). It is an innovative product that draws on technical essence of foreign excellent products and meets many industrial demands. It uses liquid nitrogen as refrigerant so that it meets the needs of low-carbon cooling and environmental protection. Various technologies are used in this product such as latest high vacuum multi-layer insulation technology, computer software technology, electronic temperature control technology and liquid nitrogen dispersion technology, which stabilize every process of intelligent cooling and constant temperature control and reduce the loss rate of liquid nitrogen because of evaporation and using cost to the lowest degree. This product offers immersion cryopreservation and vapor cryopreservation in hopes of satisfying diverse cryopreservation needs of users to the greatest degree.

Product Standard:

Chinese Standard: GB14174-93

Application Range:

It is appropriate for long-term static preservation of a large number of biological samples such as stem cell, plasma, semen, embryo, tissue, organ, and so on.

Production Technology:

Unique patent technology of evacuation and multi-layer insulation technology ensure an extremely low loss rate of liquid nitrogen evaporation. All weld joints go through mental flaw detection and helium mass spectrometer to see if there is leak. Every product goes through strict liquid nitrogen test. Unique polishing technology ensures aesthetic modeling. The entire manufacturing process follows strictly ISO 9001:2008 and ISO 13485:1996 quality control procedures.

Production Materials:

Materials of inner tank and outer tank are made of stainless steel of fine quality. Adsorbents are all regenerated and activated

Materials of multi-layer insulation are made of oil-and-lipid-free thin composite.

Product Feature:

- 1. -196°C immersion cryopreservation and -190°C vapor cryopreservation can alternate freely.
- 2. Effective insulation ensures 98% of system surface is shrouded by vacuum;
- 3. Powerful control and management system, automatic fluid infusion, real-time monitoring of liquid level, temperature and other data are installed;
- 4. Compared with equipments of same functions, it saves 70% of liquid nitrogen and reducesmaintaining costs to the lowest degree;
- 5. Pallet rotation in the inner tank makes access convenient

Stainless steel biological liquid nitrogen container (YDD series)

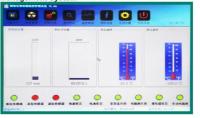
Model	YDD-500		YDD-800 YDD			'DD-1	000	Υ	DD-15	00	Υ	'DD-18	300		
						Unit D	imens	ions							
Ln2 Capacity (L)	į	500		800		1000		1500		1800					
Neck Diamete (mm)		400		450			500(400)		550		635				
Usable Internal Height (mm)		585		780			835		865			865			
Inner Diameter (mm)	5	907			1106			1188		1310			1460		§
Outer Diameter (mm)	1	800			1208		1276		1412			1516			
Pallet Diameter (mm)	į	860		1060			1124		1250		1400				
Pallet Height (mm)	450		550		580		600		600						
Overall Height (mm)	1300		1490		1550		1600		1600						
Weight Empty (kg)	325			415		550		590		680					
Weight Liquid Full (kg)	-	725		1055		1350		1790		2130					
					BI	ood Ba	ig Ca	oaciti	es						
	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frame:									
25ml	2128	7	304	3388	7	484	4416	8	552	4992	8	624	6432	8	804
50ml(4R9951)	1232	7	176	1960	7	280	2528	8	316	2784	8	348	3552	8	444
250ml(4R9953)	560	4	140	1160	5	232	1320	5	264	1410	5	282	1890	5	378
					Maxir	num S	torag	е Сар	acity						
1.2, 1.8, 2ml Vials	22800			44200			51800		60900		83250				
Number of Racks (100 cell boxes)	16			32			32		36		54				
Number of Racks (25 cell boxes)	12			8			20		30			6			
Number of Stages per Rack		12		13			14		14		15				

Stem Cell Bank Monitoring Management System for Liquid Nitrogen Biological Container

The system is mainly made up of remote terminal unit (RTU) of intelligent monitoring of biological container and data service center (DSC). Intelligent monitoring terminal unit has the following functions; real-time collection of temperature of low and high position; real-time monitoring of liquid height; calculation of liquid nitrogen loss; automatic switch of liquid inlet electromagnetic valve according to liquid level and temperature; internal local area network is used to connect tank body computer with server of monitoring center; DTU sends warning message to the cell phone of watch keeper including low-andhigh-position overheating warning and sensor failure warning; powerful MIS management system for objects in cryopreservation; and so on.

Data monitoring center analyzes and stores data provided by RTU and these data are investigated by management staff. Monitoring terminal unit can check conveniently the state of every network monitoring terminal by connection of local area network and monitoring center on a computer in the monitoring center without reaching any biological storage container. Monitoring center computer is also in charge of storing and managing all objects stored or to be stored in the liquid nitrogen tank. Monitoring center software is mainly made up of eight major modules including operation model selection, data monitoring, alarming, and object information management.

Software Main Interface Diagram of Stem Cell Bank Monitoring Management System



System Topological Structure Diagram









B. Aluminum biological liquid nitrogen container (intelligentized)

a. Liquid nitrogen container for storage and transportation

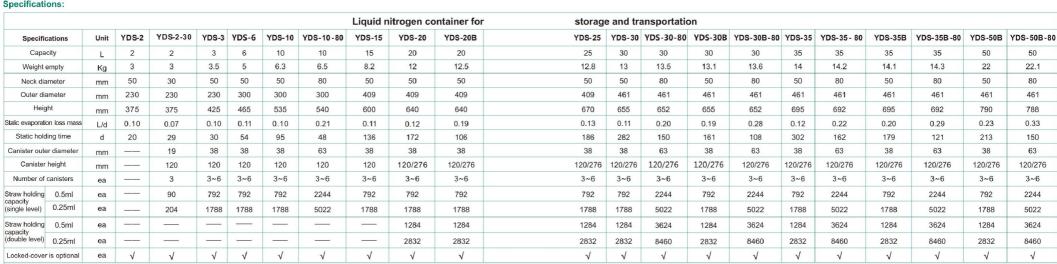
Overview:

Liquid nitrogen container for storage and transportation is specially designed for long time statics storing or transferring biological samples. The containers are made of high-intensitive aluminium alloy with unique patent technology of evacuation and multi-layer insulation technology ensuring an extremely low loss rate of liquid nitrogen evaporation and high economy.

Product Feature:

- 1. Use advanced powder coating technique avoiding of the traditional shortcoming of paintings' drop
- 2. Made of high-strength aluminium alloy
- A locked-cover switch for safety of preserved sample is optional
- A roller base for enhancing mobility is optional
- A protective casing is provided for preventing collision and offering convenience
- Service life to more than five years
- 7. An intelligentized plug of liquid nitrogen container is optional

Specifications:













b. Large caliber liquid nitrogen container

Overview:

Large caliber liquid nitrogen biological container finds its wide application in preservation of big biological sample, vials and blood bags that are needed to be taken out frequently and cryogenic treatment of cutter, measuring tool, special parts, and others.

Specifications:

		L	arge caliber	liquid nitroger	container		
	Model	Unit	YDS-10-125	YDS-30-125	YDS-35-125	YDS-47-127	YDS-50B-12
Capacity		L	10	30	35	47	50
	Weight empty	Kg	7.2	14.2	15.2	19	21
	Neck diameter	mm	125	125	125	127	125
	Outer diameter	mm	300	461	461	461	461
	Height	mm	535	655	700	780	790
St	alic evaporation loss mass	L/d	0.43	0.33	0.36	0.45	0.45
	Stalic holding time	d	24	92	98	107	110
	Number of racks	ea	1	7	7	7	7
	Measurement of racks	mm	82×84	82×84	82×84	82×84	82×84
Racks and vials boxes	Measurement of boxes	mm	76×76	76×76	76×76	76×76	76×76
	Number of layers per rack	ea	3	3	4	6	6
	Number of vials	ea	75	525	700	1050	1050
	Number of racks	ea		18	18	18	18
25ml	Number of layers per rack	ea		2	2	3	3
(single)	Number of blood bags	ea		36	36	54	54
	Number of racks	ea		7	7	7	7
25ml	Number of layers per rack	ea		2	2	3	3
(multi)	Number of boxes per layer	ea		4	4	4	4
	Number of blood bags	ea		56	56	84	84
	Canister outer diameter	mm	38	97	97	97	97
	Canister height	mm	120	120/276	120/276	120/276	120/276
	Number of canisters	ea	3~6	3~6	3~6	3~6	3~6
Straw holding capacity	0.5ml	ea	792	5124	5124	5124	5124
(single level)	0.25ml	ea	1788	11952	11952	11952	11952
Straw holding	0.5ml	ea		9048	9048	9048	9048
capacity (double level)	0.25ml	ea		19944	19944	19944	19944



Product Feature:

- 1. Use advanced powder coating technique avoiding of the traditional shortcoming of paintings' drop
- Made of high-strength aluminium alloy
 A locked-cover switch for safety of preserved sample is optional
- 4. A roller base for enhancing mobility is optional
- 5. Service life to more than five years
- 6. An intelligentized plug of liquid nitrogen container is optional

			Large cali	ber liquid nit	rogen conta	ainer		
	Model	Unit	YDS-47-216	YDS-65-216	YDS-80-216	YDS-100-216	YDS-130-216	YDS-175-21
	Capacity	L	47	65	80	100	130	175
	Weight empty	Kg	20	28	34.5	38.5	42.5	55
	Neck diameter	mm	216	216	216	216	216	216
	Outer diameter	mm	570	570	681	681	681	681
	Height	mm	660	765	726	796	910	1026
Sta	alic evaporation loss mass	L/d	0.84	0.89	0.82	0.83	0.95	0.94
	Stalic holding time	d	56	73	98	120	140	186
	Number of racks	ea	5	5	7	7	7	7
	Measurement of racks	mm	142×144	142×144	142×144	142×144	142×144	142×144
Racks and vials boxes	Measurement of boxes	mm	134×134	134×134	134×134	134×134	134×134	134×134
Number of layers per rack		ea	3	5	5	6	8	10
	Number of vials	ea	1500	2500	3500	4200	5600	7000
	Number of racks	ea	30	30	30	30	30	30
25ml	Number of layers per rack	ea	2	3	2	3	4	5
(single)	Number of blood bags	ea	60	90	60	90	120	150
	Number of racks	ea	7	7	7	7	7	7
25ml	Number of layers per rack	ea	2	3	2	3	4	5
(multi)	Number of boxes per layer	ea	8	8	10	10	10	10
	Number of blood bags	ea	112	168	140	210	280	350
	Number of racks	ea	18	18	30	30	30	30
50ml (single)	Number of layers per rack	ea	2	3	2	3	4	5
(single)	Number of blood bags	ea	36	54	60	90	120	150
	Number of racks	ea	4	4	7	7	7	7
50ml	Number of layers per rack	ea	2	3	2	3	4	5
(multi)	Number of boxes per layer	ea	8	8	8	8	8	8
	Number of blood bags	ea	64	96	112	168	224	280





c. Liquid nitrogen dry shipper

Overview:

YDH series of liquid nitrogen dry shipper is designed especially for air transportation of biological samples. The container uses special material to adsorb and store liquid nitrogen, so the liquid nitrogen would not leak even when the container is toppled. It ensures the safety of air transportation.

Specifications:

			Liquid nitrog	gen dry shipper		
	Mode		Unit	YDH -3	YDH-6-80	YDH -10 - 125
	Capaci	ty	L	3	6	10
	Weight en	npty	Kg	5.5	7.6	9.8
	Neck diam	eter	mm	50	80	125
	Outer dian	neter	mm	230	300	300
	Heigh	t	mm	425	465	535
	Static holding	g time	d	6	11	18
	Canister outer	diameter	mm	38	70	97
	Canister height		mm	120	276	276
Canister	Number of ca	anisters	ea	1	1	1
	Straw holding	0.5ml	ea	132	430	854
	capacity	0.25ml	ea	298	1032	1992
	Number of racks		ea	_		1
Racks	Measurement of boxes		mm	_	_	76×76
and vials boxes	Number of layer	s per rack	ea	_		3
	Number of	vials	ea	—		75
	Number of	racks	ea	_	_	1
25ml	Number of layer	s per rack	ea	_		2
	Number of boxe	s per layer	ea			3
	Number of blood bags		ea		_	6
	Number of	racks	ea		_	1
50ml	Number of layer	s per rack	ea	_	_	1
301111	Number of boxe	s per layer	ea		_	3
	Number of blo	od bags	ea	_		3

C. Level and temperature monitoring equipment of liquid nitrogen

a. Intelligentized plug of liquid nitrogen container

This is our patented product which takes us 3 years to research and design. It contains data acquisition, FH communication and automatic control. With the super low consumption technology, the battery only need to be replaced every six months to one year and no need for other power. All the failures and parameters could be alarmed by sound and light; all the operating parameters of large quantity biological liquid nitrogen containers could be monitored through wireless communication. The working status of all the containers could be checked in the monitoring center. The important alarm massage could be sent to the man who is responsible for this on his mobile phone. This product helps the management of the biological liquid nitrogen container and also could monitor the liquid level of every single biological liquid nitrogen container.



b. Level and temperature monitor

The product of SJ2012 series is designed especially for monitoring the liquid level and temperature of liquid nitrogen and liquid helium in the container. With microcontroller embedded design and multi-channel data acquisition, it has one control output, one RS-232 digital output, flexible networking and remote centralized monitoring. Low liquid level, high temperature, sensor out of working and other failures could be alarmed. With many innovative designs, it could meet the demand of monitoring all kinds of cryogenic liquid containers.









Cryogenic Liquid Container for Storage and Transportation >>>

Pressure Building Liquid Nitrogen Container

Overview:

Pressure building liquid nitrogen container (Dewar) generates pressure by evaporation of a small amount of liquid nitrogen, so that the container can discharge liquid nitrogen automatically, and supply liquid nitrogen for other containers. It finds its application in the transportation and storage of liquid medium and cold source of other refrigeration equipments. It is now widely used in tool and die industry, animal husbandry, medicine, semi-conductor, food, cryogenic chemical industry, aerospace, military and other industries and areas.

Production Standard:

GB16774-1997 《Pressure Building Liquid Nitrogen Container》

Production Technology:

Inner and outer shells of the main body are made of 304 austenite cryogenic stainless steel of fine quality; absorbents are regenerated and activated; multi-layer insulation materials are oil-and-lipid-free thin imported composite. All welds are qualified by helium mass spectrometer leak detection; 100% of products have gone through strict cryogenic testing; unique neck design ensures a very low rate of evaporation losses; machine or digital display liquid level gauge is optional; The surface of the container using a unique polishing technology, and has aesthetic modeling.

Security Technology:

A two-way multi-level security system is installed to ensure the safe and reliable use of the product; the layout of valve interface is reasonable for secure and convenient operation.

Specifications:

			Pressu	re Build	ing Liqu	id Nitrog	en Conta	ainer			
Specifications	Unit	YDZ-5	YDZ-15	YDZ-30	YDZ-50	YDZ-100	YDZ-150	YDZ-175	YDZ-200	YDZ-300	YDZ-500
Geometric capacity	L	5.5	16.5	32	55	110	165	185	220	330	550
Effective capacity	L	5	15	30	50	100	150	175	200	300	500
Outer diameter	mm	325	400	450	500	600	650	700	750	850	1000
Height	mm	550	725	885	970	1175	1200	1250	1300	1400	1500
Weight empty	Kg	15	23	32	54	75	102	120	130	202	255
Neck diameter	mm	40	40	40	40	40	40	40	40	40	40
Daily evaporation rate	%	3	2.5	2.5	2	1.3	1.3	1.2	1.2	1.1	1.1
Standard working pressure	Мра	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Maximum working pressure	Мра	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099
Liquid velocity	L/min	≥2	≥2	≥3	≥3	≥4	≥6	≥6	≥8	≥8	≥10
Setting pressure of the first safety valve	Мра	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099
Setting pressure of the second safety valve	Мра	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Pressure gauge indication range	Мра	0~0.25	0~0.25	0~0.25	0~0.25	0~0.25	0 ~ 0.25	0~0.25	0~0.25	0 ~ 0.25	0~0.25

Non-standard liquid nitrogen container >>>

Overview:

Our company can customize non-standard cryogenic containers according to the special needs of the customers, contains the series of pressure building, Stainless steel large-diameter container, intelligent Cryogenic processor, etc.













Cryogenic Liquid Transmission Pipeline >>>

Overview:

Our high vacuum multilayer insulation cryogenic liquid pipeline has its advantages of original and advanced technology, excellent performance, low evaporation loss, beautiful appearance, easy to install. The outer surface is bright, beautiful and practical. It is widely used in many industries and fields.

Production Materials:

Inner and outer tubes are made of SUS 304 seamless stainless steel.

Application:

The main application of vacuum pipeline: transporting cryogenic liquid (oxygen, nitrogen, argon, LNG, etc.). Application industry: Industrial gas, medicine, biology, electronics, aerospace, automotive, food and beverage, beverage and other industries.



Rigid Vacuum Pipeline Feature:

- 1. Innovative Structure: Non-metallic materials support is used between inner and outer tubes so that cold loss brought about by short circuit of inner and outer tubes due to pipe deflection or unreasonable support is prevented.
- 2. Excellent insulation: between pipe sections are seamless corrugated compensator structures. Interlayer is made of insulation materials of high reflectivity and excellent insulation properties.
- 3. Long service life: outer tube has adjustable vacuum valve so that degree of sealed vacuum is high. The vacuum can also be pumped repeatedly. Some defects like low vacuum degree, short service life and high evaporation loss in "one-off vacuum" of traditional product are removed.
- 4. High safety and reliability: adjustable vacuum valve could relief pressure automatically when overpressure brought about by damage of vacuum interlayer occurs.

Flexible Vacuum Pipeline Feature:

- 1. The location of the vacuum flexible pipeline can be adjusted according to the surroundings;
- 2. Excellent effect in cold insulation, no-condensation and no-frost on the surface while using;
- 3. Bending radius is small;
- 4. Customize special-structure flexible vacuum pipeline according to the special needs of customers.

Model:

Pipeline specifications (mm)						
Nominal diameter	Inner tube	Outer tube				
Dn15	ф20	ф76				
Dn20	ф25	ф89				
Dn25	ф32	ф89				
Dn32	ф38	ф102				
Dn40	ф45	ф108				
Dn50	ф57	ф114				
Dn65	ф76	ф133				
Dn80	ф89	ф159				
Dn100	ф108	ф180				
Dn125	ф133	ф219				
Dn150	ф159	ф219				

Specifications:

Performance parameter						
Working pressure	Design in line with customer's demands					
Design temperature	-196°C~-183°C					
Working medium	LO2、LN2、LAr、LNG					
Materials for inner & outer tubes	SUS 304					
Design basis	According to the customer's demand					
Heat-insulating method	High vacuum, multi-layer, multi-screening insulation					
Interlayer vacuum degree	< 0.002Pa					
Cold loss amount of pipeline	<0.5~2W/m (design data)					
Vacuum leak rate	< 2×10 ⁻¹⁰ Pa·m³/s					
Strength test of tube	Design according to working pressure					
Air-tight test	Design according to working pressure					

Solutions and Cases of Cryogenic Application System »»

In recent years, it is more and more of using liquid nitrogen as the refrigerant for cryogenic applications. Such as assembling parts in cold, freezing high pressure hose and so on in industry; seafood cryopreservation, frozen meat, ice cream, top grade dishes etc. in food service industry; refrigeration equipment in chemical industry; aerospace industry; metallurgical industry; superconducting experiments etc. Our company has a lot of success cases in these industries.





Cryogenic Treatment System for High-pressure Hose

Cryogenic Treatment Producing Line for Diesel Engine Parts





Super-cryogenic Chemical Reaction System

Germane Cryogenic Treatment Producing Line





Stem Cell Bank

Cryogenic Storage for Biological Samples

Accessories of Cryogenic Equipment » »



Square Canister Rack and Vial Box



Insemination Gun



Roller Bases for Aluminum Dewars (Carrying Cart)



Rack for Cryogenic Freezers



Blood Bag Frame, Blood Bag Box, Vial Box



Cryo-Gloves



Liquid Nitrogen Pump



Plug, Canister

Company Outstanding Achievement Stem Cell Bank:

Chongqing Honghui Stem Cell Bank

Wuhan Daopei Placental Stem Cell Biotechnology Co., Ltd. (Hubei Stem Cell Bank) Harbin Daopei Stem Cell Biotechnology Co., Ltd.

Beijing Lu Daopei Stem Cell Biotechnology Co., Ltd.

Shanxi Jiu Zhou Stem Cell Engineering Co., Ltd. (Shanxi Stem Cell Bank)

Research Institutes:

Institute of Physics (IOP), Chinese Academy of Sciences (CAS)
Institute of Applied Ecology, Chinese Academy of Sciences (CAS)
Institute of Guangdong Family Planning Science and Technology

Cryogenic Engineering: ChongQing KAIMSI Technology Development Co., Ltd

Guangzhou Lianda Rubber Co., Ltd.

Parker Hannifin fluid connector (Shenyang) Co., L The Fourth Construction Co., Ltd of China Electro

Hospitals and biopharmaceutical: Huaihua Maternal and Child Health Hosp Affiliated Hospital of Chengdu Traditional

TLS pharmaceutical Co., Ltd.

Porton Fine Chemicals Ltd.
Jinan Mingxin Pharmaceutical Co., Ltd.

Zhejiang Jinhua CONBA Bio-pharm. Co., Ltd. (JINHUA CONBA)

Chengdu Shenglite Medical Technology Co., Ltd.

Hainan Chuntch pharmaceutical Co;Ltd

Colleges and Universities:

Fudan University

Tsinghua University

In this brochure, specifications may be adjusted without notice to the customer, please contact us to confirm while ordering

Materials Science and Engineering College, Southwest Jiaotong University Sichuan University

Raise Livestock and Epidemic Prevention Station:

Harbin Animal Health and Epidemic Prevention Station

Zhengtai Livestock Co., Ltd. Zunvi Agriculture Committee

Jianli County Animal Disease Prevention and Control Center

Sichuan Dongbao Business Co., Ltd. Stem Cell Bank:

Chongqing Honghui Stem Cell Bank Wuhan Daopei Placental Stem Cell Biotechnology Co., Ltd. (Hubei S

Harbin Daopei Stem Cell Biotechnology Co., Ltd.

Heilongjiang Tian Qing Stem Cell Co., Ltd.

Beijing Lu Daopei Stem Cell Biotechnology Co., Lt Shanxi Jiu Zhou Stem Cell Engineering Co.

China (Wuhan) Biobank

Research Institutes:

Beijing Institute of Strength Environment Ningbo Institute of Materials Technology and Engineering (NIMTE) Institute of Mountain Hazards and Environment (IMHE), Chinese A

Institute of Physics (IOP), Chinese Academy of Sciences (CAS) Institute of Appliad Ecology, Chinese Academy of Sciences (CAS) Institute of Guangdong Family Planning Science and Technology

Cryogenic Engineering: ChongQing KAIMSI Technology Development Co., Ltd.

Guangzhou Lianda Rubber Co., Ltd.

Parker Hannifin fluid connector (Shenyang) Co., Ltd.

The Fourth Construction Co., Ltd of China Electronics System Engineering (CEFOC)

Huaihua Maternal and Child Health Hospital

Porton Fine Chemicals Ltd.

Zhejiang Jinhua CONBA Bio-pharm. Co., Ltd. (JINHUA CONBA) Chengdu Shenglite Medical Technology Co., Ltd.

Colleges and Universities:

Biotechnology and Medical Instrument: Shanxi Meiyi Medical Instrument Co., Ltd. Quanzhou Zhuofeng Medical Instrument Co., Ltd.

umqi Haopu Scientific Equipment Co., Ltd.

Yangzhou Jingcheng Technology Equipment Co., Ltd



Chongqing Qianqiu Medical Instrument Co., Ltd. Jiangsu Huaan Scientific Research Devices Co., Ltd.

Changzhou Jiebosen Instrument Co., Ltd.

Nanjing KEER Instrument Equipment Co

Zhengzhou Shengke Laboratory

Chengdu Ruiheng Precision

FUTURE SHENGJIE CRYOGENIC

Driven by the advanced enterprise concept and scientific management, under the guidance of government policy, Shengjie staffs are leading cryogenic equipment industry to the peak with their diligence and wisdom. We believe that "supreme quality, advanced technology, sincere service and innovative development" is the first step to success. We fervently hope that all the customers and us work together to reach a better future!