



工厂视频
Factory Video



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河南天驰低温机械设备制造有限公司

HENAN TIANCHI CRYOGENIC MACHINERY EQUIPMENT MANUFACTURING CO., LTD.

公司简介

Company Profile

河南天驰低温机械设备制造有限公司是一家专业研发、生产、销售液氮生物容器及其相关产品的高科技企业，缔造全球领先的液氮生物容器供应商。

Henan Tianchi Cryogenic Machinery Equipment Manufacturing Co., Ltd. is a high-tech enterprise specializing in the research, development, production and sales of liquid nitrogen biological containers and related products, creating the world's leading supplier of liquid nitrogen biological containers.



一直以来天驰人以“服务，健康，未来”为企业使命，秉承“让世界爱上中国造”的企业理念，坚守“持续改进，力求更好”的质量理念，为“建百年天驰，创世界品牌”的企业愿景不懈奋进。

Tianchi have always taken "service, health, and future" as the corporate mission, adhering to the corporate philosophy of "making the world fall in love with Made in China", and adhering to the quality concept of "continuous improvement, striving for better", and for "building a century-old Tianchi, The corporate vision of "creating a world brand" is unremittingly forging ahead.

天驰低温主营产品——液氮生物容器，多次在质量评定中获得优异成绩，产品通过ISO9001、CE、SGS等国内和国际认证。我们始终坚持“始于客户需求，止于客户满意”的服务理念，一切以用户体验为中心，不断提升自身的科技和服务水平。在全球范围内，我们帮助数以万计的用户解决了问题，同时探索更深层次的用户需求，不断改进产品性能，完善用户体验。

Liquid nitrogen biological container is the main product of Tianchi factory, has achieved excellent results in quality assessment for many times, and the products have passed ISO9001, CE, SGS and other domestic and international certifications. We always adhere to the service concept of "Begin with customers' needs, End(complete, finish) with customers' satisfaction", all focus on user experience, and constantly improve our technology and service level. On a global scale, we have helped tens of thousands of users solve questions, explore deeper user needs, continuously improve product performance, and improve user experience.

天驰液氮罐凭借前沿的科技，新颖的产品，以科学的产品构想和不断创新的精神已成为液氮罐行业的翘楚。如今已成为国内外规模大、设备先进、产品型号齐全的液氮罐生产厂家。天驰液氮罐销量已稳居全球液氮罐销量前列，荣获诸多国内外荣誉奖项。

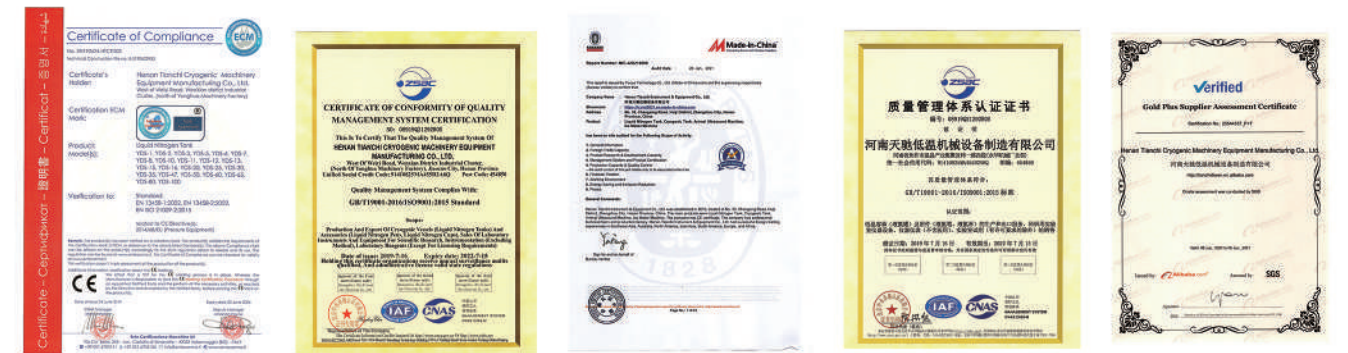
Tianchi liquid nitrogen tank has become a leader in the liquid nitrogen tank industry with cutting-edge technology, innovative products, scientific product ideas and continuous innovation. Today, it has become a large-scale liquid nitrogen tank manufacturer with advanced equipment and complete product models at home and abroad. The sales volume of Tianchi liquid nitrogen tanks has steadily ranked in the forefront of global liquid nitrogen tank sales, and has won many domestic and foreign honorary awards.

天驰低温以缔造全球领先的液氮生物容器生产商和供应商为目标，始终致力于把先进的产品带给全球用户，通过遍布全球的合作伙伴，我们向世界各地用户提供优质的产品和服务，目前产品已经销售到美国、巴西、乌兹别克斯坦、泰国等四十多个国家。

As the leading global manufacturer and supplier of liquid nitrogen biological containers, Tianchi Cryogenics has always been committed to bringing the most advanced products to users around the world. Through partners all over the world, we provide the highest quality products and services to users around the world. At present, the products have been sold to more than 40 countries such as the United States, Brazil, Uzbekistan and Thailand.

公司资质

Company Qualification



公司先后通过了ISO9001质量体系认证，CE欧盟安全认证、SGS国际通用认证、BV国际通用认证。

The company has passed ISO9001 quality system certification, CE EU safety certification, SGS international general certification, and BV international general certification.

生产车间 Production Workshop



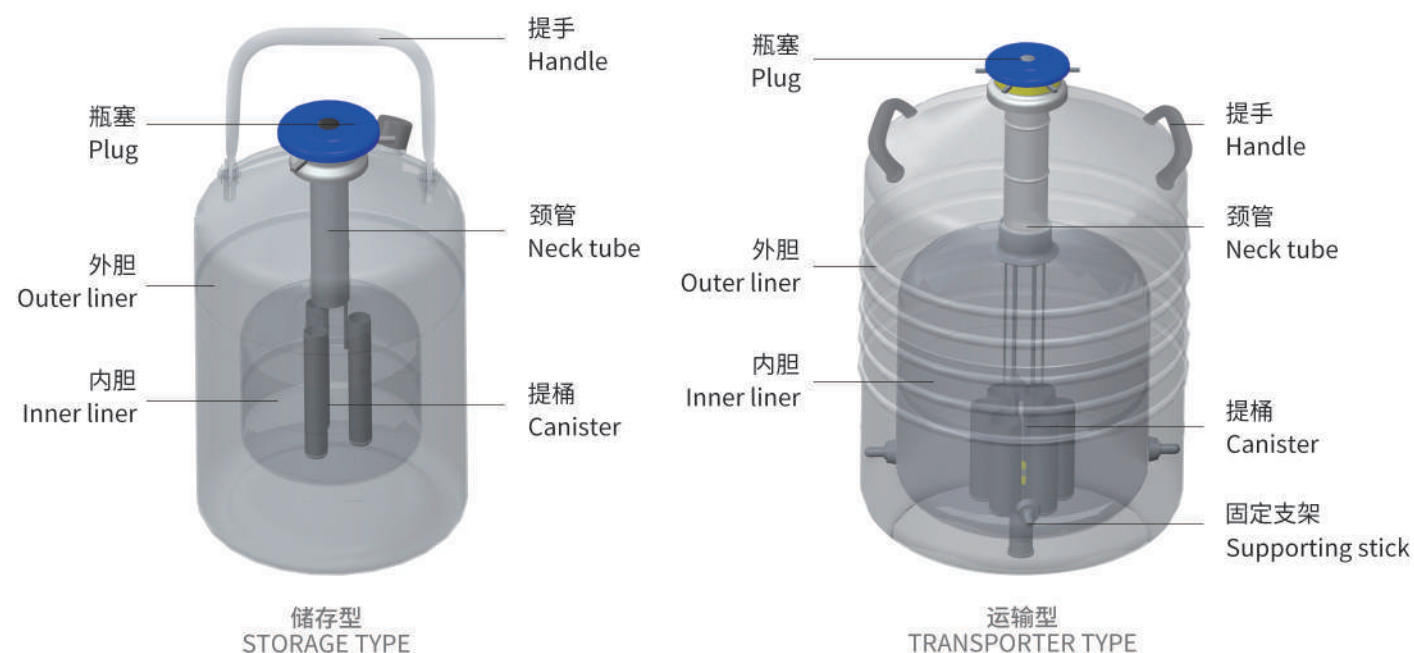
产品结构

Structure



YDS系列产品由外胆、内胆、颈管、绝热材料、真空嘴、提筒等组成。

YDS series products are composed of inner and outer bladder, neck tube, thermal insulation material, vacuum port, canisters and so on.



- 外胆、内胆由一种特殊的高强度、耐腐蚀航空铝板制成，坚固耐用。
- 颈管是由特殊玻璃钢增强塑造而成，强度高，导热小。
- 绝热材料填充在内胆与外胆之间，使用先进工艺迭层缠绕制成。
- 颈塞由特殊材质成型，有减少液氮蒸发量和固定提筒的双重作用。
- 真空抽气口是封闭真空的重要部件，必须严格保护。
- 保护套在移动或搬运容器时保护容器，还有一定的保温效果，可减少蒸发量。

- Outer liner, inner liner is composed of a high strength, special corrosion resistant Aviation aluminum plate made of durable.
- The neck tube is made of special glass fiber reinforced plastic with high strength and low heat conductivity.
- Insulation material is filled between the inner liner and the outer liner, laminated winding made use of advanced technology.
- The neck plug is made of special material, and has the dual function of reducing the evaporation of liquid nitrogen and the fixing of the lifting cylinder.
- The vacuum port is an important position to close the vacuum and must be strictly protected.
- Protection bag protects the container when moving or transported, and has a certain thermal insulation effect to reduce the amount of evaporation.

产品结构

Structure



YDD系列容器由旋转托盘、脚轮、外壳、旋转手柄、塞体盖组成。

YDD series container is composed of rotating tray, caster, shell, rotating handle and plug cover.



旋转托盘: 托盘按配备提筒的数量划分成4等份(或6等份), 托盘划分的4个区(或6个分区)按顺序编有序号, 可在旋转轴承上部位置看到, 便于用户对冷冻物品进行标识区分, 不会混淆。

脚轮: 便于对罐体进行移动, 并且有两个脚轮, 具有锁定功能, 防止罐体滑动。

外壳: 外壳采用高强度不锈钢制作而成, 并且与内胆形成夹层, 通过抽真空技术让夹层形成真空状态, 隔绝热传导。

旋转手柄: 手柄用于旋转托盘, 便于快速寻找不同分区的样本(严禁不戴低温手套进行操作)。

塞体盖: 采用聚苯乙烯材料制成, 具有较好的保温性能。

Rotary tray: The tray is divided into 4 equal parts (or 6 equal parts) according to the number of equipped lifts. The 4 zones (or 6 zones) divided by the tray are numbered in sequence, which can be seen on the upper part of the rotating bearing, which is convenient for users to identify and distinguish frozen items without confusion.

Casters: It is easy to move the tank; and there are two casters with locking function to prevent the tank from sliding.

Shell: The shell is made of high-strength stainless steel, and forms an interlayer with the inner tank, the interlayer is formed into a vacuum state by vacuuming technology to isolate heat conduction.

Rotary handle: The handle is used to rotate the tray, which is convenient to quickly find samples in different partitions (operating without cryogenic gloves is strictly prohibited).

Diameter plug: Made of polystyrene material, it has better thermal insulation performance.

储存型液氮罐系列

Storage series liquid nitrogen tank



产品概述 Product Description

天驰储存型 YDS 系列液氮罐由优质航空铝制造而成,主要适用于需要在静态条件下大容量的贮存液氮和生物样品,以及需要经常性地靠人工转移保存样品的用户。具有小巧轻便、易于携带、静态液氮日蒸发率低、贮存生物样品容量大、经济实用等优点。

Tianchi storage type YDS series liquid nitrogen tank is made of high-quality aviation aluminum. It is mainly suitable for users who need to store liquid nitrogen and biological samples in large capacity under static conditions, and who need to store samples by manual transfer frequently. It has the advantages of small size and light weight, easy to carry, low daily evaporation rate of static liquid nitrogen, large storage capacity of biological samples, economical and practical, etc.

产品特点 Features

- 1、采用高强度航空铝制造;
- 2、产品易于长期保存生物样本,便于携带;
- 3、配有保护套,可防止产品在使用中的磕碰;
- 4、可编号提桶,方便辨认和独立存取样品;
- 5、可选配锁盖,以保护贮存样品安全;
- 6、高真空多层绝热设计,提供不低于五年真空质保。

1. Made of high-strength aviation aluminum.
2. Easy and long-term preservation of biological samples, easy to carry.
3. Equipped with a protective bag to avoid product bump.
4. Numbered canisters for easy identification and independent access to samples.
5. Optional lock cover to protect the safety of stored samples.
6. High vacuum multi-layer insulation design, providing no less than five years vacuum warranty.

产品型号 Model	容积 Volume (L)	口径 Caliber (mm)	外径 O.D (mm)	高度 Height (mm)	静态液氮 保存期 Static Power Dissipation (D)	静态液氮 蒸发量 Static Storage (L/day)
YDS-1-35	1.30	35	180	350	16	0.08
YDS-2-35	2.30	35	180	420	28	0.08
YDS-3	3.10	50	223	455	26	0.12
YDS-3-80	3.10	80	223	440	11	0.27
YDS-3-125	3.10	125	223	420	4	0.68
YDS-6	6.50	50	280	525	53	0.12
YDS-6-80	6.50	80	280	500	25	0.25
YDS-6-125	6.50	125	280	475	11	0.55
YDS-6-216	6.50	216	304	530	2	3.03
YDS-10	10.50	50	304	565	87	0.12
YDS-10-80	10.50	80	304	565	50	0.21
YDS-10-125	10.50	125	304	585	25	0.42
YDS-10-216	10.50	216	304	560	11	0.88
YDS-13	15.18	50	304	680	126	0.12
YDS-15	16.40	50	385	600	136	0.12
YDS-15-80	16.40	80	385	600	78	0.21
YDS-15-125	16.40	125	385	585	45	0.35
YDS-15-216	16.40	216	385	570	24	0.68
YDS-16	17.48	50	440	525	145	0.12
YDS-16-80	17.48	80	440	525	83	0.21
YDS-20	21.50	50	385	660	178	0.12
YDS-20-80	21.50	80	385	665	102	0.21
YDS-20-125	21.50	125	385	660	60	0.35
YDS-20-216	21.50	216	385	640	30	0.68
YDS-25	25.20	50	440	650	210	0.12
YDS-30	31.50	50	440	720	260	0.12
YDS-30-80	31.50	80	440	710	150	0.21
YDS-30-125	31.50	125	440	710	90	0.35
YDS-30-216	31.50	216	440	670	46	0.68
YDS-35	35.20	50	440	760	290	0.12
YDS-35-80	35.20	80	440	710	167	0.21
YDS-35-125	35.20	125	440	710	100	0.35
YDS-35-216	35.20	216	440	710	50	0.68
YDS-50	52.10	50	516	790	217	0.24
YDS-50-80	52.10	80	516	790	162	0.32
YDS-50-125	52.10	125	516	790	115	0.45
YDS-50-216	52.10	216	516	790	70	0.73

运输型液氮罐系列

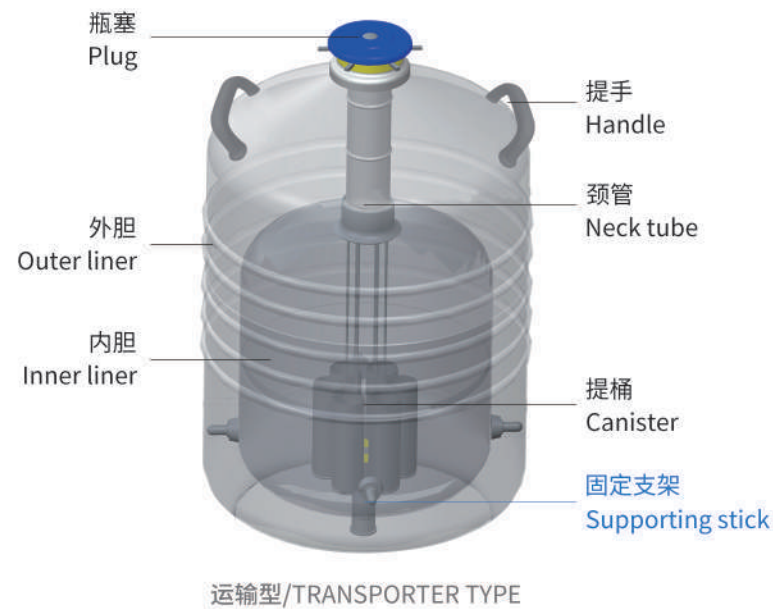
Transport series liquid nitrogen tank



产品概述 Product Description

天驰运输YDS系列液氮罐是一种经济小型液氮罐,主要为需要短距离运输条件下的用户提供良好的选择。该系列选用高强度轻质航空铝材质制造,内含多个支撑结构,保证罐体安全运输和液氮的低挥发率,具有耐倾倒、适宜长途运输等优点。

Tianchi Transportation YDS series liquid nitrogen tank is an economical small liquid nitrogen tank, which mainly provides a good choice for users who need short-distance transportation. This series is made of high-strength lightweight aviation aluminum and It contains multiple supporting structures to ensure the safe transportation of the tank and the low volatilization rate of liquid nitrogen. It has the advantages of being resistant to dumping and suitable for long-distance transportation.



产品特点 Features

- 1、采用高强度航空铝制造,产品重量轻;
 - 2、有特制的防震结构,坚固耐用,不易损坏;
 - 3、可编号的提桶,方便辨认贮存样品;
 - 4、配有保护套,防止产品在使用中的磕碰;
 - 5、可选配锁盖,以保护贮存样品安全;
 - 6、产品有真空多层绝热设计,提供不低于五年的真空质保。
1. Made of high-strength aviation aluminum.
 2. Have a special shock structure, strong and durable.
 3. Numbered canisters for easy identification and independent access to samples.
 4. Equipped with a protective bag to avoid product bumps.
 5. Optional lock cover to protect the safety of stored samples.
 6. High vacuum multi-layer insulation design, providing no less than five years vacuum warranty.

运输型液氮罐系列

Transport series liquid nitrogen tank



产品型号 Model	容积 Volume (L)	口径 Caliber (mm)	外径 O.D (mm)	高度 Height (mm)	静态液氮 保存期 Static Power Dissipation (D)	静态液氮 蒸发量 Static Storage (L/day)
YDS-10B	10.50	50	304	565	52	0.20
YDS-15B	16.40	50	385	600	82	0.20
YDS-20B	21.50	50	385	660	107	0.20
YDS-30B	31.50	50	440	720	158	0.20
YDS-35B	35.20	50	440	720	176	0.20

注:
 1. 本宣传册所有表中所述的几何容积 / 高度 / 外径 / 直径等数值均属于实际测量值,因测量器具 / 环境等因素影响,可能存在误差,误差范围不超过 ±3%。
 2. 静态液氮保存期: 在标准状态 (大气压 101.325 kPa, 环境温度 20℃) 下, 容器中充入液氮预冷并达到热平衡后, 且液氮充满率达到 100%, 静态放置至液氮全部蒸发完的天数。
 3. 静态蒸发率: 容器在规定的充满率下, 静置达到热平衡后, 24 h 内自然蒸发损失的液氮质量和与内胆有效容积下盛装液氮质量的百分比, 换算为标准状态 (大气压 101.325 kPa, 环境温度 20℃) 下的蒸发率值。

实验室液氮罐系列

Laboratory series liquid nitrogen tank



产品概述 Product Description

天驰实验室YDS系列液氮罐由专用航空铝材质制造而成，具有液氮挥发率低，重量轻，占用空间小，较大容量样本冻存等优点，可满足实验室专业人士的不同需求。所有型号可配冻存架和PC冻存盒，确保样本方便储存。同时该系列产品还满足利用液氮对零部件、元器件进行深冷处理的用户，具有口径较大、易于操作等优点。

Tianchi YDS series laboratory liquid nitrogen tank is made of special aviation aluminum material. It has the advantages of low liquid nitrogen volatilization rate, light weight, less space occupation, and efficient storage of large-capacity samples, which can meet the needs of laboratory professionals. different needs of people. All models can be equipped with freezer racks and PC freezer boxes to ensure convenient sample storage. At the same time, this series of products also meet the needs of users who use liquid nitrogen to cryogenically treat parts and components, and have the advantages of large diameter and easy operation.

型号	YDS-30-125	YDS-35-125	YDS-47-127	YDS-50-125	YDS-65-216	YDS-95-216	YDS-115-216
最大储存容量							
方提桶数量	6/7	6/7	6/7	6/7	6/7	6/7	6/7
2.0 ml冻存管(100格)	—	—	—	—	2400/2800	3000/3500	3600/4200
2.0 ml冻存管(25格)	600/700	750/875	750/875	900/1050	—	—	—
冻存架层数	4	5	5	6	4	5	6
性能							
容积(L)	31.50	35.20	48.50	52.10	65.20	95.30	115.50
静态蒸发率(L/day)	0.35	0.35	0.42	0.45	0.89	0.91	0.92
静态液氮保存期(D)	90	100	115	115	73	105	126
外形尺寸							
口径(mm)	125	125	127	125	216	216	216
总高(mm)	710	710	790	790	715	775	835
外径(mm)	440	440	516	516	680	680	680

实验室液氮罐系列

Laboratory series liquid nitrogen tank



产品特点 Features

- 1、大口径设计便于样品取放;
- 2、大容量低液氮消耗量，储存样品稳定放心;
- 3、高强度轻质量的铝制结构设计;
- 4、高强度颈管设计减少了液氮损失;
- 5、多层绝热真空设计减少热辐射;
- 6、可配置智能监控系统，实现远程监控;
- 7、可配安全锁扣，为样品提供安全保障;
- 8、5年的真空质量保证;
- 9、产品CE认证。

1. Large diameter design is easy to take and place samples.
2. Large capacity low liquid nitrogen consumption, safe storage.
3. High strength and light weight aluminum structure design.
4. High-strength neck tube design reduces liquid nitrogen loss.
5. Multi-layer adiabatic vacuum design reduces thermal radiation.
6. Configurable intelligent monitoring system, remote monitoring.
7. It can be equipped with safety lock to provide security.
8. 5 years vacuum quality guarantee.
9. Product CE certification.

※ 可选配液氮罐辅助工具



液氮罐移动小推车
TCMT-A30/TCMT-A100



液氮罐移动小推车
TCMT-X30/TCMT-X50



液氮液位监测报警器
TCLMA-D1

YDS-130-216	YDS-145-216	YDS-160-216	YDS-175-216	YDS-190-216	YDS-210-216	YDS-230-216
最大储存容量						
6/7	6/7	6/7	6/7	6/7	6/7	6/7
4200/4900	4800/5600	5400/6300	6000/7000	6600/7700	7200/8400	7800/9100
—	—	—	—	—	—	—
7	8	9	10	11	12	13
性能						
130.50	145.50	160.50	175.50	192.50	209.50	226.50
0.93	0.94	0.95	0.95	0.96	0.97	0.98
140	155	169	185	201	216	231
外形尺寸						
216	216	216	216	216	216	216
895	955	1015	1075	1135	1185	1240
680	680	680	680	680	680	680

畜牧专用液氮罐系列

Animal husbandry series liquid nitrogen tank



产品概述 Product Description

天驰畜牧储存YDS系列产品是一种养殖业专用经济实用型液氮罐，主要针对需要长期静态储存冻精和方便采样工作的用户而设计。该系列选用优质航空铝制造而成，内含多层超强性能的隔热层，实现了液氮的低挥发率，保证了样品的存储安全、轻便和高效。同时，小型液氮罐适用于人工转移保存生物样品的用户，特别是为山区用户使用而设计。具有小巧轻便、易于携带、静态液氮日蒸发率低、经济实用的优点。该系列产品不仅被广泛用于畜牧业冷冻精液、疫苗、细胞、微生物的贮存，并可用于机械制造、电子、冶金、能源等领域。

Tianchi Animal Husbandry Storage YDS series is an economical and practical liquid nitrogen tank for breeding industry, mainly designed for long-term static storage of frozen semen and convenient sampling. This series is made of high-quality aviation aluminum and contains multiple layers of super-strong thermal insulation layers, which realizes low volatilization rate of liquid nitrogen and ensures safe, lightweight and efficient storage of samples. And small liquid nitrogen tanks are suitable for Users who manually transfer and preserve biological samples, especially designed for mountain users. It has the advantages of small size and light weight, easy to carry, low daily evaporation rate of static liquid nitrogen, economical and practical. This series of products are not only widely used in the storage of frozen semen, vaccines, cells and microorganisms in animal husbandry, but also in machinery manufacturing, electronics, metallurgy, energy and other fields.

产品参数 Product Parameter

型号	Model	YDS-2	YDS-3	YDS-6	YDS-10	YDS-10-80	YDS-16	YDS-16-80 ⁹ 槽
容积(L)	Capacity	2.30	3.10	6.50	10.50	10.50	17.48	17.48
口径(mm)	Caliber	35	50	50	50	80	50	80
外径(mm)	O.D	180	223	280	304	304	440	440
高度(mm)	Height	420	455	525	565	565	525	525
静态液氮蒸发量(L/d)	Static Power Dissipation	0.08	0.12	0.12	0.12	0.21	0.12	0.21
静态液氮保存期(D)	Static Storage	28	26	53	87	50	145	83
可选提桶样本储存容量								
提桶数量(ea)	Canister Number	3	6	6	6	6	6	9
提桶直径(mm)	Canister Diameter	23	36	36	60	36	36	36
提桶高度(mm)	Canister Height	110	120	120	120	120	120	120
细管容量-单层0.5ml	Straw 0.5ml Single Layer	90	792	792	2244	792	1188	1188
细管容量-单层0.25ml	Straw 0.25ml Single Layer	204	1788	1788	5022	1788	2682	2682
细管容量-双层0.5ml	Straw 0.5ml Double Layer	/	/	/	/	/	/	/
细管容量-双层0.25ml	Straw 0.25ml Double Layer	/	/	/	/	/	/	/

畜牧专用液氮罐系列

Animal husbandry series liquid nitrogen tank



产品特点 Features

- | | |
|----------------------|--|
| 1、欧盟CE认证; | 1.CE certification. |
| 2、五年真空质保; | 2.Five-year vacuum warranty. |
| 3、编号索引提筒位置; | 3.Large capacity straw storage. |
| 4、大容量冻精细管储存; | 4.Number Index Lift Position. |
| 5、不同的口径选择，方便取放; | 5.Different tank diameter options for easy pick and place. |
| 6、高真空多层绝热设计，超低蒸发损失; | 6.High vacuum design and ultra-low liquid nitrogen loss rate. |
| 7、配有保护套，防止产品在使用中的磕碰; | 7.Protective cover to prevent the product from bumping in use. |
| 8、配安全锁盖结构，防止他人擅自开启。 | 8.Safety lock cover to prevent unauthorized opening. |

YDS-30	YDS-35	YDS-30-80	YDS-35-80	YDS-30-125	YDS-35-125	YDS-47-127 ¹⁰ 槽
31.50	35.20	31.50	35.20	31.50	35.20	52.10
50	50	80	80	125	125	127
440	440	440	440	440	440	516
720	760	710	710	710	710	790
0.12	0.12	0.21	0.21	0.35	0.35	0.45
260	290	150	167	90	100	115
可选提桶样本储存容量						
6	6	6	6	6	6	10
36	36	36	36	60	60	36
120	276	120	276	120	276	120
792	/	792	/	2244	/	792
1788	/	1788	/	5022	/	1788
/	1284	/	1284	/	3624	/
/	2832	/	2832	/	8460	/

干式运输液氮罐

Dry transportation liquid nitrogen tank



产品概述 Product Description

航空运输系列适用于深低温环境下(气相储存,温度低于-190℃)运输样本,可避免运输过程中液氮释放的危险,尤其适用于飞机等短时间航空运输。内部有液氮吸附体,可吸收和保存液氮,即使容器倾倒也不会有液氮溢出;还有特殊的不锈钢网筛分割储存空间和液氮吸收体,可避免液氮吸收体材质混入冻存管内。主要适用于实验室用户和少量样本短时间运输的用户需求。

The air transport series is suitable for transporting samples in a deep and low temperature environment (gas phase storage, temperature below -190 °C), which can avoid the danger of liquid nitrogen release during transportation, especially suitable for short-term air transportation such as aircraft. There is a liquid nitrogen absorber inside, which can absorb and store liquid nitrogen. Even if the container is dumped, there will be no overflow of liquid nitrogen; there is also a special stainless steel mesh screen to divide the storage space and the liquid nitrogen absorber, which can prevent the liquid nitrogen absorber material from being mixed into the freezer. in the depository. It is mainly suitable for laboratory users and users who need a small amount of samples to be transported in a short time.

产品特点 Features

- | | |
|------------------------|--|
| 1、-150℃气相低温运输储存; | 1. -150℃ gas phase low temperature transport storage. |
| 2、快速液氮吸附设计,防止液氮溢出; | 2. Rapid liquid nitrogen adsorption design. |
| 3、高强度轻量化铝制结构,经久耐用; | 3. High strength and lightweight aluminum structure. |
| 4、不锈钢网分割设计,避免液氮混入样品中; | 4. Stainless steel mesh segmentation design. |
| 5、5年的真空质量保证; | 5. 5-year vacuum quality assurance. |
| 6、可配智能监控系统,实时查看样品储存环境; | 6. Can be equipped with intelligent monitoring system. |
| 7、产品CE认证; | 7. Product CE certification. |
| 8、可配安全锁扣,为样品提供安全保障。 | 8. Can be equipped with a safety lock buckle. |

型号	YDH-1.5-30	YDH-3	YDH-4-70	YDH-4-125	YDH-6-80	YDH-6-190
容积(L)	1.5	3	4	4	6	6
液氮吸附	0.6	1.3	1.8	2	2.4	1.8
提桶尺寸(mm)	φ25*120	φ47*200	φ67*276	81*85*225	φ76*200	N/A
冻存管数量	3	21	84	75	66	200
20格冻存盒	N/A	N/A	N/A	3	N/A	N/A
100格冻存盒	N/A	N/A	N/A	N/A	N/A	2
50ml血袋	N/A	N/A	N/A	6	N/A	5
250ml血袋	N/A	N/A	N/A	N/A	N/A	5
静态蒸发率(L/d)	0.07	0.15	0.19	0.45	0.21	0.80
工作天数	9	9	9	4	11	2
罐口尺寸(mm)	30	50	70	125	80	190
总高(mm)	398	441	505	451	435	470
外径(mm)	180	224	224	300	300	252
空重(kg)	1.7	3.5	5.5	8	5.5	6.5
满重(kg)	2.9	5.9	8.8	11.3	10.4	11.4
样本类型	冻存管夹条	冻存管夹条	冻存管夹条	血袋盒	冻存管夹条	冻存盒

型号	YDH-6-190L	YDH-10-125	YDH-15-216	YDH-25-216F	YDH-25-216L
容积(L)	6	10	15	25	25
液氮吸附	1.8	6	6	10	10
提桶尺寸(mm)	N/A	81*85*225	139*141*168	139*141*280	N/A
冻存管数量	N/A	100	300	500	N/A
20格冻存盒	N/A	4	N/A	N/A	N/A
100格冻存盒	N/A	N/A	3	5	N/A
50ml血袋	N/A	6	N/A	11	N/A
250ml血袋	2	N/A	N/A	11	10
静态蒸发率(L/d)	0.8	0.4	0.89	0.89	0.89
工作天数	2	15	7	11	11
罐口尺寸(mm)	190	125	216	216	216
总高(mm)	470	584	610	741	650
外径(mm)	252	300	396	396	396
空重(kg)	6.5	8.8	11	12.5	12
满重(kg)	11.4	16.9	23.2	32.9	32.4
样本类型	血袋盒	冻存盒	冻存盒	冻存盒	血袋盒

自增压液氮罐系列

LN2 Supply Tank



产品概述 Product Description

天驰 YDZ 系列自增压式液氮罐由优质不锈钢制造而成，配有自升压系统，能自身产生内压力连续排液，可选配监控终端和监控软件，可实现对液位、压力等数据的远程传输，也可手动远程增压和控制补液。目前广泛用于深冷、畜牧业、医药、半导体、食品、低温化工、航空航天等领域。

Tianchi YDZ series self-pressurizing liquid nitrogen tank is made of high-quality stainless steel. It is equipped with a self-boosting system, which can generate internal pressure by itself and continuously discharge liquid. Remote transmission of data, and it can be manually pressurized and controlled remotely. At present, it is widely used in cryogenic, animal husbandry, medicine, semiconductor, food, low temperature chemical industry, aerospace and other fields.

产品特点 Features

- 1、产品100%经低温严格测试；
- 2、采用优质304耐低温专用不锈钢；
- 3、配有双安全阀，双重安全保护措施；
- 4、独特抽空技术，确保极低的蒸发损失率；
- 5、带稳压系统装置，保证液体流速平稳；
- 6、高承载能力的移动脚轮，移动快捷方便；
- 7、可配低温电磁阀，实现全自动补液功能。

1. 100% of the products are strictly tested at low temperature.
2. Made of high-quality 304 stainless steel for low temperature resistance.
3. Equipped with double safety automatic control valve, with double safety protection measures.
4. Unique vacuuming technology ensures extremely low evaporation loss rate.
5. Equipped with a voltage stabilizer system to ensure a stable liquid flow rate.
6. High load-bearing casters make movement quick and easy.
7. Solenoid valve is optional, realize automatic fluid replacement.

产品型号 Model	几何容积 Geometric volume (L)	有效容积 Effective volume (L)	产品尺寸 Product size (mm)	空重 Empty weight (kg)	工作压力 Working pressure (MPa)	日蒸损率 Daily steam loss rate (%)	输液量 Infusion volume (L/Min)
YDZ-5	6.5	5	Φ354×510	≈20	<0.1	≤3	≥1
YDZ-15	16.5	15	Φ377×830	≈24	<0.1	≤7	≥2
YDZ-30	31.5	30	Φ455×980	≈35	<0.1	≤3	≥2
YDZ-50	55	50	Φ455×1180	≈45	<0.1	≤2.2	≥4
YDZ-75	80	75	Φ650×1230	≈92	<0.1	≤2.2	≥5
YDZ-100	110	100	Φ606×1300	≈78	<0.1	≤1.4	≥6
YDZ-150	165	150	Φ706×1340	≈98	<0.1	≤1.3	≥8
YDZ-175	185	175	Φ706×1370	≈108	<0.1	≤1.2	≥8
YDZ-200	220	200	Φ706×1450	≈112	<0.1	≤1.1	≥8
YDZ-240	265	240	Φ706×1470	≈125	<0.1	≤1.1	≥10
YDZ-300	330	300	Φ806×1500	≈180	<0.1	≤1.1	≥10
YDZ-500	550	500	Φ1008×1600	≈280	<0.1	≤1.1	≥12
YDZ-600	660	600	Φ1058×1620	≈385	<0.1	≤1.0	≥15
YDZ-800	880	800	Φ1160×1720	≈520	<0.1	≤0.9	≥15
YDZ-1000	1050	1000	Φ1210×1970	≈650	<0.1	≤0.8	≥15
YDZ-2000	2100	2000	Φ1512×2470	≈1125	<0.1	≤0.6	≥20

注：表中是立式的参数，还可做成卧式“W”的，除表中已有的规格外，可根据客户需求的技术要求参数定做各类的低温设备。

Note: The parameters in the table are vertical, and can also be made into horizontal "W". In addition to the existing specifications in the table, various types of low-temperature equipment can be customized according to the technical requirements and parameters required by customers.

小型气相液氮罐

Small gas phase liquid nitrogen tank



产品概述 Product Description

小型气相液氮罐实现了实时温度监控、液位监控、自动补液、远程监控报警以及监控数据自动备份储存。基于电容式液位传感器,可以轻松自动控制液位实现罐体顶部-190°C的气相存储,彻底解决了电子信息技术在-196°C低温环境下应用的技术难题。将先进的液氮罐生产制造技术和智能监控技术完美结合,产品重量轻、占地小,容量大,样本存取高效,可实时监控液氮罐的运行状态,一旦出现问题及时报警,确保样本储存安全。主要适用于生物医疗和样本库等用户。

The small gas-phase liquid nitrogen tank realizes real-time temperature monitoring, liquid level monitoring, automatic replenishment, remote monitoring and alarm, and automatic backup and storage of monitoring data. Based on the capacitive liquid level sensor, the liquid level can be easily and automatically controlled to achieve the gas phase storage at -190°C at the top of the tank, completely solving the technical problems of electronic information technology application in the low-temperature environment of -196°C. The perfect combination of advanced liquid nitrogen tank manufacturing technology and intelligent monitoring technology, light weight, small footprint, large capacity, efficient sample access, real-time monitoring of the operating status of liquid nitrogen tank, once there is a problem alarm, to ensure the safety of sample storage. It is mainly suitable for bio-medical and sample bank users.

型号	Cryobank 2400	Cryobank 3000	Cryobank 3600	Cryobank 4200	Cryobank 4800
最大储存容量					
方提桶数量	6/7	6/7	6/7	6/7	6/7
2.0 ml冻存管数量	2400/2800	3000/3500	3600/4200	4200/4900	4800/5600
层数	4	5	6	7	8
性能					
液氮容积 (L)	65.20	95.30	115.50	130.50	145.50
静态蒸发率 (L/d)	1.2	1.2	1.2	1.5	1.5
外形尺寸					
口径 (mm)	216	216	216	216	216
总高 (mm)	785	720	905	832	1040
外径 (mm)	678	678	678	678	678

小型气相液氮罐

Small gas phase liquid nitrogen tank

产品特点 Features

- 1、实时液氮液位及温度监控功能;
- 2、远程监控和通信功能;
- 3、自动液氮灌注系统,安全可靠;
- 4、兼容气相和液相储存模式;
- 5、屏幕保护功能,延长使用寿命;
- 6、远程报警功能(语音/短信/微信/邮件等);
- 7、热气旁通设计,减少内部温度波动;
- 8、卓越的内部温度均匀性和稳定性;
- 9、液氮消耗实时显示;
- 10、现场声光报警功能;
- 11、具有除雾功能,方便样本查看;
- 12、智能本地及云端数据备份及导出。

1. Real-time liquid nitrogen level and temperature monitoring.
2. Remote monitoring and communication functions.
3. Automatic liquid nitrogen injection system, safe and reliable.
4. Compatible with gas and liquid storage modes.
5. Screen saver to extend service life.
6. Remote alarm function (voice/SMS/wechat/email, etc.).
7. Hot gas bypass design, reduce internal temperature fluctuations.
8. Excellent internal temperature uniformity and stability.
9. Real-time display of liquid nitrogen consumption.
10. On-site sound and light alarm function.
11. With fog removal function, convenient sample view.
12. Intelligent local and cloud data backup and export.



Cryobank 5400	Cryobank 6000	Cryobank 6600	Cryobank 7200	Cryobank 7800
最大储存容量				
6/7	6/7	6/7	6/7	6/7
5400/6300	6000/7000	6600/7700	7200/8400	7800/9100
9	10	11	12	13
性能				
160.50	175.50	192.50	209.50	226.50
1.5	1.5	1.8	1.8	1.8
外形尺寸				
216	216	216	216	216
944	1090	1060	1185	1240
678	678	678	678	678

生物样本库液氮罐系列

Biobank Tanks

产品概述 Product Description

天驰生物样本库YDD系列液氮罐主要为用户
提供全自动、安全可靠的深低温液氮储存系统，其
口部采用偏口结构，容量大，适用于大批量生物样
本的长期静态保存。采用高真空多层绝热、电子控
温和液氮分散等先进技术，使智能降温、恒温过程
均匀稳定。可提供气相和液相两种储存方式，特别
适用于干细胞、血浆、精液、胚胎、各类组织器官等
实验样本的长期超低温保存。

Biobank Series provide with automatic,
secure and reliable cryogenic liquid nitrogen
freezing systems. Its mouth adopts a partial
mouth structure and has a large capacity, which
is suitable for long-term static storage of large quantities of biological products, and has the advantages of large storage capacity of biological products, safe, reliable, and easy operation. It adopts advanced technologies such as high vacuum multi-layer insulation, electronic temperature control and liquid nitrogen dispersion, so that the intelligent cooling and constant temperature process are uniform and stable. It can provide two methods of immersion storage and gas phase storage, especially suitable for long-term ultra-low temperature preservation of experimental samples such as stem cells, plasma, semen, embryos, and various tissues and organs.



高密度储存/High density storage

与同类产品相比，占地面积小，储存样品多，即可节省空间，又可降低单位样本储存成本；
Compared with similar products, it occupies a small area and stores more samples, which can save space and reduce the storage cost of unit samples;



卓越的温度均匀性/Excellent temperature uniformity

真空隔热不锈钢箱体结构，真空覆盖率高，确保极佳的绝热及保温性能；
Vacuum insulated stainless steel box structure, high vacuum coverage, to ensure excellent thermal insulation and thermal insulation performance;



稳定的开盖温度/Stable opening temperature

创新的箱盖和颈部偏移的小开口优良设计，可大大降低液氮挥发率。即使在长时间开盖情况下，箱体内部依然可以保持温度稳定，48小时内维持箱体温度不高于-150℃；
The innovative box cover and the excellent design of the small opening with offset neck can greatly reduce the evaporation rate of liquid nitrogen. Even when the lid is opened for a long time, the temperature inside the box can still be kept stable, and the temperature of the box can be maintained not higher than -150℃ within 48 hours;



先进的温度监控系统/Advanced temperature monitoring system

基于微处理器和上下双铂电阻温度探头的监控系统可实时显示箱体内的最高和最低温度，精度为±1℃。用户可自行设置报警点，具有报警静音选项；
The monitoring system based on microprocessor and upper and lower double platinum resistance temperature probes can display the highest and lowest temperature in the box in real time. The temperature is ±1℃. The user can set the alarm point by himself, with the option of alarm mute;



自动灌注液氮及液位监控系统/Automatic perfusion liquid nitrogen and liquid level monitoring system

基于差压式传感器和液位监控系统实时显示液面高度，确保液氮自动灌注过程安全可靠。10寸液晶屏可显示：顶部温度、底部温度、液位高度及运行状态等参数；
Based on the differential pressure sensor and liquid level monitoring system, the liquid level is displayed in real time to ensure the safety and reliability of the automatic filling process of liquid nitrogen. The 10-inch LCD screen can display parameters such as top temperature, bottom temperature, liquid level and operating status;



热气旁路/Hot gas bypass

热气旁路可在液氮注入前，先排除管道中的室温氮气，确保只有超低温液氮注入罐中，避免了加液过程中液氮罐发生温度波动，影响样本安全，同时也减少了额外的液氮消耗；
The hot gas bypass can remove the room temperature nitrogen in the pipeline before the liquid nitrogen is injected to ensure that only ultra-low temperature liquid nitrogen is injected into the tank to avoid. In order to avoid the temperature fluctuation of the liquid nitrogen tank during the liquid addition process, the safety of the sample is affected, and the additional liquid nitrogen consumption is also reduced;



多项人性化设计/A number of humanized designs

不锈钢辅助工作台，可用于冻存架的暂时放置，加快样品取放速度；一体式折叠台阶使操作高度降低，取放方便省力。内部旋转托盘备用开口方便寻找不慎掉落的样品；
Stainless steel auxiliary table, which can be used for temporary placement of freezer racks to speed up sample access; integrated folding steps make operation. The height is reduced, and it is convenient and labor-saving to pick and place. Internal swivel tray with alternate opening for easy finding of accidentally dropped samples.

型号	YDD-370-320P	YDD-460-320P	YDD-550-445P	YDD-800-445P
最大储存容量				
1.2&2.0ml冻存管	15600	19500	28000	39200
大支架数量(100格)	12	12	24	24
小支架数量(25格)	4	4	16	16
方提桶层数	12	15	10	14
性能 罐体参数				
容积 (L)	370	460	550	800
平台以下液氮容积 (L)	55	55	133	133
罐口直径 (mm)	320	320	445	445
内部有效高度 (mm)	680	875	600	780
总体高度 (mm)	1400	1450	1505	1605
外径 (mm)	815	815	1090	1090
空重 (kg)	211	264	310	394
满重 (kg)	513	638	418	1045
血袋容量/血袋架层数/血袋架数量				
7910S/U (25ml)	1104(184)	1472(184)	2490(415)	3320(415)
4R9951 (50ml)	768(128)	1024(128)	1488(248)	1736(248)
4R9953 (250ml)	400(100)	500(100)	609(203)	812(203)
4R9953 (500ml)	328(82)	410(82)	456(152)	608(152)

型号	YDD-800-445R	YDD-850-465P	YDD-1000-526P	YDD-1800-635R
最大储存容量				
1.2&2.0ml冻存管	40600	42900	55500	94500
大支架数量(100格)	26	32	32	60
小支架数量(25格)	12	4	20	12
方提桶层数	14	13	15	15
性能 罐体参数				
容积 (L)	800	890	1000	1800
平台以下液氮容积 (L)	133	135	200	295
罐口直径 (mm)	445	465	526	635
内部有效高度 (mm)	780	830	870	870
总体高度 (mm)	1605	1550	1680	1685
外径 (mm)	1090	1210	1300	1565
空重 (kg)	395	441	550	805
满重 (kg)	1046	1160	1364	2270
血袋容量/血袋架层数/血袋架数量				
7910S/U (25ml)	3184(398)	3360(480)	4988(532)	6432(804)
4R9951 (50ml)	1687(241)	2072(296)	3132(348)	3920(490)
4R9953 (250ml)	1020(204)	944(236)	1340(268)	1910(382)
4R9953 (500ml)	791(158)	640(160)	900(180)	1520(304)

注：1、所有气相储存容器均可作为液相储存使用；2、带R型号托盘为方形排布。

液氮冷冻仪、液氮笔

Liquid Nitrogen Freezer, Liquid Nitrogen Pen



液氮冷冻仪 Liquid Nitrogen Freezer

液氮冷冻仪由冷冻头、输出管、液氮杯、手柄四部分组成，依靠液氮蒸发所形成的压力，使液氮通过输液管流入冷冻头，再接触组织，从而达到冷冻的效果。具有体积小、质量轻、结构简单、操作方便、安全无毒副作用等优点。

The product consists of four parts: freezing head, output tube, liquid nitrogen cup and handle. Relying on the pressure formed by the evaporation of liquid nitrogen, the liquid nitrogen flows into the freezing head through the infusion tube, and then contacts the skin to achieve the freezing effect. It has the advantages of small size, light weight, simple structure, convenient operation, safety and no toxic and side effects.



产品使用:

- 1、根据实际需要换好冷冻头;
- 2、打开液氮杯，充入液氮至五分之四容积处;
- 3、使用时，只需用拇指按住手柄上的小孔，冷冻头内将有液氮喷出，即可进行冷冻。

※注：该产品具体操作应具备专业操作技术，非专业技术人员请谨慎使用。

1. Select the freezing head according to actual needs.
2. Open the liquid nitrogen cup, filling liquid nitrogen to 4/5 volume.
3. When in use, just press the small hole on the handle with your thumb, and liquid nitrogen will be ejected from the freezing head to freeze.

※Note: The specific operation of this product should have professional operation skills, and non-professional technicians should use it with caution.

液氮笔 Liquid Nitrogen Pen

液氮笔由冷冻头和手柄两部分组成，冷冻头由传热效果较好的紫铜制作而成，手柄是防冻的橡胶棒。该产品主要用于冷冻祛斑，点痣等美容行业，具有操作简单，安全无副作用等优点。该套装由0.5毫米、1.0毫米、1.5毫米、2.0毫米、2.5毫米、3.0毫米六个规格组成。



※注：冷冻笔本身不带液氮，也不具备贮存液氮的功能。

The liquid nitrogen pen is composed of the freezing head and the handle. The freezing head is made of red copper with good heat transfer effect, and the handle is an anti-freezing rubber rod. The product is mainly used for freezing freckle removal, nevus and other beauty industry, has the advantages of simple operation, safety and no side effects. The suit consists of six specifications: 0.5 mm, 1.0 mm, 1.5 mm, 2.0 mm, 2.5 mm and 3.0 mm.

※Note: The freezer pen itself does not carry liquid nitrogen, and does not have the function of storing liquid nitrogen.

产品使用:

- 1、将液氮倒出在容器内，冷冻笔直接放入液氮中冷冻;
 - 2、取出冷冻好的冷冻笔，点触在需要的位置。
1. Pour liquid nitrogen in the container, freezing pen directly into the liquid nitrogen freezing;
 2. Take out the chilled pen and touch it in the desired position.

液氮液位监测报警器

Liquid nitrogen level monitoring alarm



产品概述 Product Description

TCLMA-D1是一款液氮液位监测报警器，使用瑞士进口高精度传感器探头，保证了产品的优异测量性能。数据主动上报到云监控平台，无需监控主机、采集器等设备，设置好温度上下限等相关参数当环境温度超出上下限、电量过低、外部供电断开和设备离线时，会立即触发告警，告警通知可发送至邮箱和手机短信。支持网页、手机APP登陆查看及导出实时数据等。



TCLMA-D1 is a liquid nitrogen level monitoring alarm, which uses the high-precision sensor probe imported from Switzerland to ensure the excellent measurement performance of the product. Data is reported to the cloud monitoring platform without monitoring devices such as hosts and collectors. Set the temperature upper and lower limits. When the ambient temperature exceeds the upper and lower limits, the power is too low, the external power supply is disconnected, or the device is offline, the alarm alarm is triggered immediately. Support web page, mobile APP login view and export real-time data, etc.

产品特点 Features

- 1、全球登陆网页、手机 APP 可查看数据，支持短信报警和邮件报警;
- 2、LCD 大屏显示设计，大方美观，超强稳定性和抗干扰能力;
- 3、进口高精度探头，测量精度高，范围宽，一致性好;
- 4、使用大容量 18650 电池，可充电，电池防反接，电池装反不会烧机，超低功耗设计，单用电池供电可维持四个月(上报间隔 10 分钟);
- 5、云监测高温、低温、高湿、低湿、离线、低电量、掉电等，离线记录功能，断网时正常监测并记录数据，连网后自动上报到云平台。

1. Global login web page, mobile APP can view data, support SMS alarm and email alarm.
2. LCD large-screen display design, generous and beautiful, super stability and anti-interference ability.
3. Imported high precision probe, high measuring accuracy, wide range, good consistency.
4. The use of large capacity 18650 battery, rechargeable, battery anti-reverse connection, battery installed reverse will not burn machine, ultra-low power design, single battery power supply can maintain for four months (report interval of 10 minutes).
5. Cloud monitoring high temperature, low temperature, high humidity, low humidity, offline, low power, power off, offline recording function, normal monitoring and recording data when disconnected, automatically reported to the cloud platform after the network.

型号	Model	TCLMA-D1
传感器类型	Sensor type	外置2米 / 2 meters per external
温度测量范围	Temperature measuring range	-200°C~200°C
温度测量精度	Temperature measurement accuracy	±0.1°C
本地存储容量	Local storage capacity	10 万组 / 100,000 groups
输出接口	Output interface	WIFI, USB
电池容量	Battery capacity	6000mAh
额定电压	Rated voltage	USB 供电:5V / USB power supply: 5V 电池供电:3.7V / Battery power supply: 3.7V

液氮自动转移泵

Liquid nitrogen automatic transfer pump

产品概述 Product Description

液氮自动转移泵系列是让容器内贮存的液氮少量气化，使容器内盛装的液氮排放出来，达到对其它容器补充液氮的目的，具有操作方便，排液过程中液氮率损失低等优点。

The liquid nitrogen automatic transfer pump series is used to vaporize a small amount of liquid nitrogen stored in the container, so that the liquid nitrogen contained in the container is discharged to achieve the purpose of replenishing liquid nitrogen to other containers. Advantages such as low rate loss.

天驰自动液氮转移泵是集压力测量、控制于一体的高精度智能化转移设备，它具有操作简单、抗震性好、控制精度高、升压快、排液迅速、液氮损耗小、使用寿命长等特点，可以实现低压启动，高压停止的控制功能，控制压力全量程可设定等多种功能。液氮在汽化室内迅速汽化，产生低压 ($\leq 0.08\text{MPa}$)，将液氮从液氮容器内自动排放出来，避免因人工倾倒而损坏液氮容器和大量挥发损耗液氮的弊端，是畜牧、医疗、科研用户实现少量液氮转移的理想设备。

Tianchi automatic liquid nitrogen transfer pump is a high-precision intelligent transfer equipment integrating pressure measurement, control and integration. It has the characteristics of simple operation, good shock resistance, high control accuracy, fast boosting, rapid liquid drainage, small liquid nitrogen loss and long service life. It can realize various functions such as easy start under low pressure, high pressure stop control, and the full range of control pressure can be set. The liquid nitrogen is rapidly vaporized in the vaporization chamber, resulting in a low pressure ($\leq 0.08\text{MPa}$), and the liquid nitrogen is automatically discharged from the liquid nitrogen container. Avoid the disadvantages of damage to the liquid nitrogen container and a large amount of volatilization loss of liquid nitrogen due to manual dumping. It is an ideal equipment for animal husbandry, medical and scientific research users to realize a small amount of liquid nitrogen transfer.



产品型号 Model	适配容器口径 Compatible container diameter (mm)	排液压力 Discharge pressure ($\leq \text{MPa}$)	排液速度 Discharge speed (L/min)
TCLNP-50	50	0.03	3-5
TCLNP-50A	50	0.05	6-8

液氮罐移动小推车

Liquid nitrogen tank mobile trolley

产品概述 Product Description

可倾倒液氮罐推车

TCQT-A30+采用全不锈钢制造，利用它可以在室内方便地转运液氮生物容器，解决了大容积液氮生物容器转运困难及辅助人工倾倒容器中液氮的目的。具有转运和倾倒液氮容器安全可靠、节省操作者体能的优点。

TCQT-A30+ is made of all stainless steel. It can be used to easily transport liquid nitrogen biological containers indoors, which solves the difficulty of transporting large-volume liquid nitrogen biological containers and the purpose of assisting manual dumping of liquid nitrogen in the container. It has the advantages of safe and reliable transport and dumping of the liquid nitrogen container, and saving the operator's physical energy.



TCQT-A30+ 倾倒液氮罐推车
适用于30~35L

液氮罐移动小推车

主要用于满足客户对大中型液氮容器进行短距离移动的要求而设计，使用时直接将容器放在小车上，便可灵活移动，具有方便省力、安全可靠的特点。

The transportation series is mainly designed to meet the customer's requirements for short-distance movement of medium and large liquid nitrogen containers. When in use, the container can be directly placed on the trolley, and it can be moved flexibly. It is convenient and labor-saving, safe and reliable.



TCMT-A 液氮罐移动小推车



TCMT-X 液氮罐移动小推车



TCMT-A100	TCMT-A30	TCMT-X50	TCMT-X30
适用于65~175L	适用于30~50L	适用于50L	适用于30~35L

液氮罐配件

Liquid nitrogen tank accessories



产品概述 Product Description

- 提桶：采用优质不锈钢制造，有26mm、38mm、60mm、76mm、97mm等多种规格
- 提篮：一种低温储存工具，可以实现多数量样本的长期储存
- 锁盖：高强度无毒橡胶制造，用户可选配加锁（锁由用户另购）便于容器内贮存样品的保存及管理
- 颈塞：聚氨酯材质制造而成，保温性能更强，韧性更佳，不易断裂
- 保护套：采用人造皮革制造，主要用于保护罐体减少磕碰，同时使罐体更加美观
- 液氮液位监测报警器：利用温度探头进行液位监控和报警，防止未及时添加液氮造成样本等损坏
- 液氮自动转移泵：是一种高精度智能转移液氮设备，节省人力，节省液氮，轻松转移液氮
- 液氮罐移动小推车：采用优质不锈钢制造，可以实现轻松转移液氮罐

Canister: Made of high-quality stainless steel, there are 26mm, 38mm, 60mm, 76mm, 97mm and other specifications.

Freezer Rack: A cryogenic storage tool that enables long-term storage of large numbers of samples.

Lock cover: Made of high-strength non-toxic rubber, the user can choose a lock (the lock is purchased by the user), which is more for the preservation and management of the stored samples in the container.

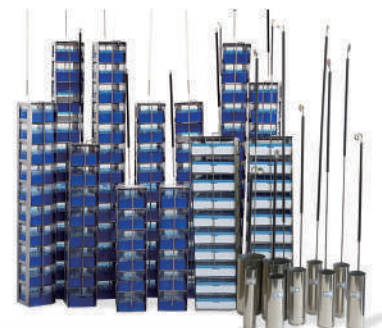
Diameter plug: Made of polyurethane material, it has stronger thermal insulation performance, better toughness and is not easy to break.

Protective cover: Made of artificial leather, it is mainly used to protect the tank body from bumping, and at the same time make the tank body more beautiful.

Liquid nitrogen level monitoring alarm: Use temperature probe for liquid level monitoring and alarm to prevent the failure to add liquid nitrogen to cause sample damage in time.

Liquid nitrogen pump: It is a high-precision intelligent transfer liquid nitrogen equipment that saves manpower, saves liquid nitrogen, and easily transfers liquid nitrogen.

Liquid nitrogen tank moving cart: Made with high-quality stainless steel, you can easily transfer liquid nitrogen tanks.



提篮/提桶
Racks/Canisters



锁盖/颈塞/保护套
Lock Cover/Neck plug/Protective Case



液氮液位监测报警器
Liquid nitrogen level monitoring alarm



液氮自动转移泵
Liquid nitrogen pump



液氮罐移动小推车
Liquid nitrogen tank moving cart



可倾倒液氮罐推车
Dumping liquid nitrogen tank cart

国际市场与合作

International market and cooperation



市场流向 Market flow



多年来,公司生产的“天驰”牌液氮生物容器在国内一直保持较高的市场份额,销售地区遍及50多个省、市、自治区。

Over the years, the "Tianchi" brand liquid nitrogen biological container produced by the company has maintained a high market share at home and abroad, and its sales areas have covered more than 50 provinces, municipalities and autonomous regions.

公司瞄准国际市场,积极开展国际贸易合作,先后与东南亚、拉美等国家建立了长期、稳定的经济合作关系,产品先后出口泰国、韩国、越南、伊朗、墨西哥、哥伦比亚、澳大利亚等20多个国家和地区,外贸出口率占公司销售总额的40%以上,一些国外经销商纷纷前来公司考察、调研、洽谈合作。

Aiming at the international market, the company actively carries out international trade cooperation, and has established long-term and stable economic cooperative relations with Southeast Asia, Brazil and other countries. The export rate of foreign trade accounts for more than 40% of the company's total sales. Some foreign dealers have come to the company for inspection, research and cooperation.