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LEDECO SARL

Address: Route du Lac 15A, 1246 Corsier, Geneva, Switzerland

Website: www.ledeco-geneva.com

Email: Info@ledeco-geneva.com / nathalie_yan@ledeco-geneva.com

Telephone: +41 79 706 7629 / +86 17321392769

瑞士策科咨询中心

地址：Route du Lac 15A, 1246 Corsier, Geneva, Switzerland

网址：www.ledeco-geneva.com

邮箱：Info@ledeco-geneva.com / nathalie_yan@ledeco-geneva.com

电话：（瑞士）+41 79 706 7629 / （国内）+86 17321392769



**TIANKANG
MEDICAL**
服务社会
营造健康



安徽天康医疗科技股份有限公司
ANHUI TIANKANG MEDICAL TECHNOLOGY CO.,LTD.

Rev.:E/0 20241226

诚信立足 创新致远

诚信立足 创新致远
天下人的健康 天康人的追求

Honest strengthens the basis,
innovation leads to the future development.

Tiankang is always working
for the health of all the people!

FUTURE OUTLOOK

未来展望



COMPANY PROFILE

公司简介

安徽天康医疗科技股份有限公司位于皖东明珠:天长市。系国内大型企业集团-安徽天康(集团)股份有限公司于1999年发起创立的下属公司,注册资金5778万元,专业从事一次性使用无菌回缩型自毁式注射器、自毁式注射器、输液器、输血器、体外循环血液管路产品、喂食器、静脉留置针、滴定管式输液器等产品研发和生产。现生产100多个品种的医疗耗材产品。

公司南北厂区占地600余亩,其中净化厂房面积达50000平方米。现有员工约1100人,其中高级工程师约430人,占企业职工总人数的39%。公司拥有国内一流品牌的注塑机300余台和与之配套的组装、包装等机械,拥有两个独立灭菌机组,并建立了具有国际先进的检测设备及水平的生化、物理实验室。

2002年,公司在行业内率先顺利通过了欧盟的CE产品认证和ISO13485国际质量体系认证,并于2010年通过WHO—PQS认证,获得了产品进入国际市场的“通行证”,为企业发展增添了无穷的动力。公司产品于2012年开始在美国食品药品监督管理局(简称:FDA)登记注册,目前在FDA列名登记产品名列国内前茅。其中自主产品:一次性使用无菌回缩型自毁式注射器通过FDA 510(k)注册,一次性使用无菌注射器、一次性使用无菌注射针也同时顺利通过FDA 510(k)注册,2016年6月6日至9日,以零缺陷通过美国FDA现场QSR 820审核;2016年9月9日至11日,国家食品药品监督管理局对公司进行飞行检查,检查顺利通过。公司产品广泛用于国内各级医院及疾控系统,出色的品质和售后服务带来良好的口碑。公司产品在满足国内市场的同时,还大量出口到美国(北美)、欧洲、非洲、拉美等多个国家和地区。



公司三钟牌注射器为安徽省名牌产品,三钟品牌同时为安徽省著名商标。

公司成立以来,依托优异的产品品质、专业化的营销服务,天康的品牌价值不断提升,市场规模不断扩大。目前,先后开发了一次性使用无菌自毁型固定剂量疫苗注射器、一次性使用无菌回缩型自毁式注射器、一次性使用静脉留置针等一系列操作方便、安全实用的新型器械产品。产品一经推向市场就赢得了医护人员和患者的广泛赞赏。其中一次性使用无菌自毁式注射器出口国内排名第一,是联合国机构唯一一家中国供应商入围产品。

公司目前已获得专利35项,其中国家发明专利4项、国外发明专利7项,国家实用新型专利20项,国家外观设计专利1项,并获得安徽省企业技术中心认定,同时为高新技术企业,全国注射器、输液器标委会委员。

公司顺应国际国内经济形势,现提出以高新技术高附加值产品的研发和销售为战略发展方向,已开发全自动注塑机组、自动化组装设备和技术改造、创新,从而改变传统劳动密集型企业的原先面貌。

天下人的健康,天康人的追求。为进一步提高我国的医疗器械生产研发水平,奉献人类健康事业,以“服务社会,营造健康”为宗旨,天康医疗公司全体员工必将更加努力奋斗!

不断超越自我,全力打造国内外知名品牌企业,欢迎国内外有识之士携手共进,共同发展。

COMPANY PROFILE



The company's syringes of "SAN ZHONG" brand is a famous-brand in Anhui Province, "SAN ZHONG" brand at the same time as Anhui famous trademark.

Anhui Tiangkang Medical Technology Co., Ltd located in Tianchang City which is rated as the pearl of Anhui. It was founded as a subsidiary company of Anhui Tiangkang Group in 1999. Now we have a registered capital of 57.78 million RMB yuan. We specialize in developing and producing products like safety syringes with retractable needles, auto disable syringes, IV sets, T.V sets, extracorporeal blood circuits for haemodialysis, oral syringes, IV catheter and intravenous infusion sets with burette etc. And now our company production more than 100 varieties of six series medical consumables products.

Our company has a factory of more than 600 acres holding a large scaled 100,000 class clean workshop 30,000 square meters. And we now have a staff of one thousand one hundred in including 430 technical engineers of middle and high ranges (about 39% of all the staff). Besides, we now have more than 100 first-class injecting machines and affiliated equipments of assembling and packing. We have two independent sterilization equipments and have established the internationally-advanced laboratory for biological and physical tests.

What deserves to be mentioned the most is that we are authorized European CE certificate (in 2002), ISO13485 certificate (in 2002) and WHO—PQS certificate (in 2010) which we hold as passports to enter international market. Our company's products began to be registered with the U.S. Food and Drug Administration (FDA) in 2012 and currently rank among the best in the country for FDA-listed products. Automatic products: safety syringes with retractable needles which registered by FDA 510(k), disposable syringes and disposable hypodermic needles also passed FDA registered 510(k). From June 6, 2016 to June 9, with zero defect through the FDA field QSR 820 audit at the US FDA site. From September 9 to September 11, 2016, the State Food and Drug Administration carried out a flight check on the company and the inspection passed smoothly.

Our company's products have won orders of domestic large and medium-sized medical institutions and hospitals and they are also sold well abroad; for example, in countries and regions of Europe, Africa and Latin America etc.

Since the establishment of the company, relying on the excellent product quality, professional marketing services, tiangkang brand value continuously improved, the market continues to expand. At present, we have developed a series of new products that are easy to use, safe and practical, such as disposable sterilized self-destructing fixed-dose vaccine syringes, disposable sterile safety syringes with retractable needles, disposable intravenous needles etc. Once on the market, products have won wide acclaim from healthcare professionals and patients. Disposable auto disable syringes exports ranked first in the United Nations agencies is the only Chinese supplier shortlisted products. Presently, 35 items of our company have been patented including 4 national invention patents, 7 foreign invention patents, 20 national utility model patents and 1 national appearance design patent which have been confirmed by Anhui Companies Technical Center. Meanwhile, we are High & New Technology Enterprise and national syringes, infusion standard member.

In response to the international and domestic economic developments, we put forward with high and new technology research and development of high value-added products and sales for the strategic development direction. Our company has been developed fully automatic injection molding units, automated assembly equipment and technological transformation and innovation, so as to change the original features of the traditional labor-intensive enterprises.

We are always working for the health of all the people. To achieve aim of better safeguarding human health and to upgrade care level of our nation, with the aim of "serving the community and creating health", we will work harder and harder.

We will continuously surpass ourselves, and we will build famous brand enterprises at home and abroad. Warmly welcome men of insight home and abroad to join us. And we shall go forward together!

Flow Rate-setting and Adjustable Infusion Set for Single Use 一次性使用流量设定微调式输液器

产品特点

Structure Properties of Products

- 精密流量调节器, 可对在250ml/h范围内的流量进行任意微调, 做到精密的流量控制。
- 基本型药液过滤器对药液中的15μm以上的微粒滤除率大于80%; 精密型药液过滤器其过滤介质设计有5μm、3μm、2μm, 是依次对药液中的5μm、3μm、2μm以上的微粒滤除率不小于90%, 有效提高静脉输液的安全性、减少微粒对人体造成的近期伤害和远期危害。
- Precision flow regulator for fine-tuning the flow rate in the range of 250ml/h for precise flow control.
- The basic type liquid filter has a filtration rate of more than 80% for the particles of 15μm; the filter medium of the precision type liquid filter has a design of 5μm, 3μm, and 2μm, which is the filtration rate of 5μm, 3μm and 2μm in the liquid solution. The filtration rate is not less than 90%. It can effectively improve the safety of intravenous infusion and reduce the near-term damage and long-term damage which caused by particles to the human body.



基本型
Basic Type

精密过滤型
Precision Filters Type

型号:

基本型: TKWS-01(带Y型注射件)、TKWS-02(带注射件);
精密过滤型: TKWJS-F01(带Y型注射件, 非邻苯)、TKWJS-F02(带注射件, 非邻苯)

Model:

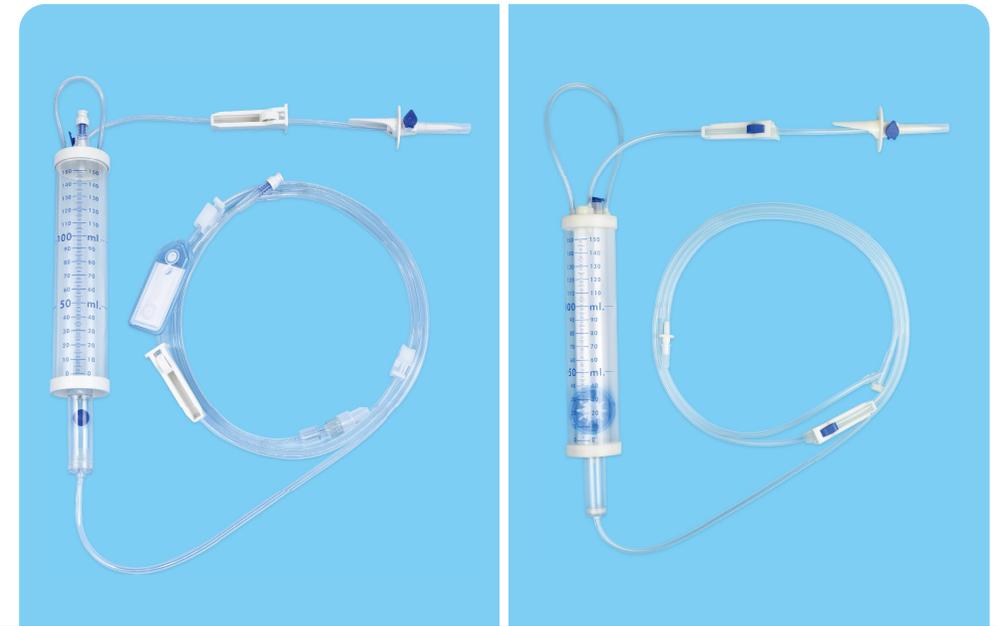
Basic Type:TKWS-01(With Y Injection Port),TKWS-02(With Injection Port);
Precision Filters Type: TKWJS-F01(With Y Injection Port, DEHP Free),TKWJS-F02(With Injection Port, DEHP Free)

Disposable Intravenous Infusion Set with Burette 一次性使用滴定管式输液器

产品特点

Structure Properties of Products

- 滴定管双色挤出, 正面透明透亮, 背白色衬底, 精美独特, 观测输液情况特别清晰, 也可以根据不同需求相应制作。
- 多类别设计: PVC滴定管式输液器、不含DEHP增塑剂的PVC滴定管输液器, 是依次具有更优的安全性的滴定管输液器, 可以满足客户的不同需求。
- The burette is extruded in two colors, the front is transparent and bright, and the white substrate on the back is exquisite and unique. The observation of the infusion is particularly clear, and it can also be made according to different needs.
- Multi-category design: PVC materials, and PVC DEHP -FREE materials which are successively with better safety. It could meet the different needs of customers.



型号:

PVC类:TKDS-100-01、TKDS-100-02、TKDS-150-01、TKDS-150-02
PVC DEHP FREE类:TKDS-100-F01、TKDS-100-F02、TKDS-150-F01、TKDS-150-F02、TKDS-150-F03、TKDS-150-F04

Model:

PVC Type: TKDS-100-01, TKDS-100-02, TKDS-150-01, TKDS-150-02
PVC DEHP Free Type: TKDS-100-F01, TKDS-100-F02, TKDS-150-F01, TKDS-150-F02, TKDS-150-F03, TKDS-150-F04

COMPANY CONTENTS

目录

注射冲洗器具类

Disposable Syringe	1
Two- Piece	
Three- Piece	
Auto Disable Syringe	3
Front- end Structure	
Back- end Structure	
Safety Syringe With Retractable Needle	4
Safety Insulin Syringe With Retractable Needle	5
Disposable Insulin Syringe	6
	7
Auto- disable Syringe for Fixed- dose Immunization	
Disposable Sterile Dissolving Drug Apparatus	8
Disposable Syringe with Catheter Tip	8
Prefilled Syringe	9
Prefilled Normal Saline Flush Syringe	10

输液器具类

Disposable Infusion Set	11
Disposable Infusion Set With Precision Filter	12
	13
Flow Rate- setting and Adjustable Infusion Set for Single Use	
Basic Type	
Precision Type	
Disposable Intravenous Infusion Set With Burette	14
Disposable Infusion Set(DEHP Free)	15
	16
Disposable Infusion Set(DEHP Free Automatic liquid stop)	
	17
Disposable Adjustable Infusion Sets With Precision Filters(DEHP Free)	
	18
Positionable And High- Efficiency Intestinal Feeders And Their Component	

输血器具类

Disposable Blood Transfusion Set	19
----------------------------------	----

体外循环血路类

Extracorporeal Blood Circuits for Haemodialyser	20
-------------------------------------------------	----

延长管类

Extension Tube	21
----------------	----

肝素帽类

Heparin Cap	21
-------------	----

三通阀类

Disposable Three- way Stopcock	22
--------------------------------	----

针类

Disposable Hypodermic Needle	23
Disposable Safety Needle	24
Scalp Vein Set	24
Disposable IV Catheter	25
A.V.Fistula Needle	26
Safety A.V.Fistula Needle	27
Bifurcated Needle	28
	29
Single- use Huber Needles Used For Implantable Drug- supplying Devices	
Disposable Dissolving Needle	30
Stainless Steel Needle with Side Hole	
Blunt Fill Needle	

喂食器类

Oral/Enteral Syringe	31
----------------------	----

新产品区

Eye Syringe	32
Arterial blood specimen collection	33
Disposable Vacuum Blood Collection Tube	34
Blood lancets	35
Safety Blood lancets	36
Pen Type Blood Collection Needle	37

COMPANY CONTENTS

目录 >>>

新产品区

Butterfly Blood Collection Needle	38
Safely Butterfly Blood Collection Needle	39
Needle holder	40
Blood culture bottles	41
	42
Disposable blood transfusion set(double chamber type)DEHP FREE	
Nasal wash syringe	43
Irrigation Syringe With Bulb	44
Insulin Pen Needles	44
Needle free connector	45
Extension Tubes with Needless Connector	46
Disposable Syringe With Safety Needle	47
Disposable Syringe With Permanently Attached Needle	48
NRFit Syringe	49
Safety Box	50

OEM区

Oral/Enteral Syringe	51
Storage Bottle	51
Disposable Visual laryngoscope	52
Intravenous Filter	52
Disposable Syringe	53
Feeding Tube	53
Disposable Blood Transfusion Set	54
Disposable Transfusion Pump Set	54

TKmd®

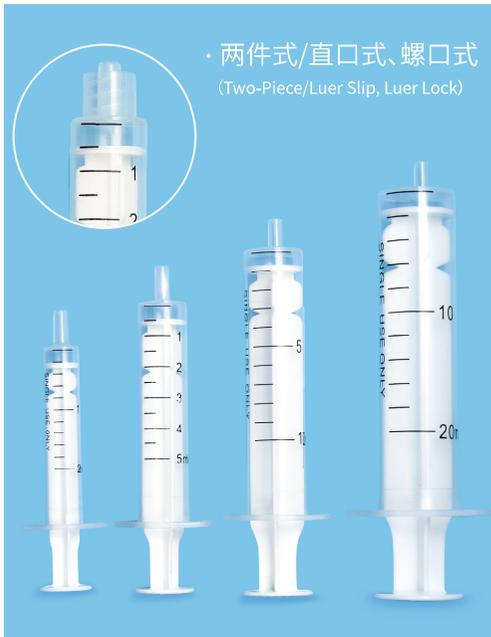
Disposable Syringe

一次性使用无菌注射器

产品特点

Structure Properties of Products

- 优异的滑动性能, 便于医务人员临床注射操作。
- 牢固的刻度油墨附着, 耐摩擦, 不易脱落。
- 通用性配合:
按国际标准生产的6:100圆锥接头, 可以配合任何具有6:100圆锥接头的产品使用。
- Excellent slidability performance for medical staff to easily perform clinical injection.
- Strong graduation ink adhesive force, friction resistance, not easy to fall off.
- Universal fit:
Conical lock fittings with 6% confirm with international standards, can be used with any product with 6% conical lock fittings.



· 两件式/直口式、螺口式
(Two-Piece/Luer Slip, Luer Lock)



· 三件式/直口式
(Three-Piece/Luer Slip)

外套透明, 能清晰观察药液及气泡; 芯杆按手设有防滑结构, 易于握持; 外套后端内腔设有防滑脱结构, 可防止芯杆从外套中意外滑出。

Clearly observe solution and bubbles with transparent barrel; push button of plunger with skidproof structure that easy to grip; the inner cavity of the rear end of barrel with skidproof structure to prevent the plunger from accidentally sliding.

Disposable Syringe

一次性使用无菌注射器

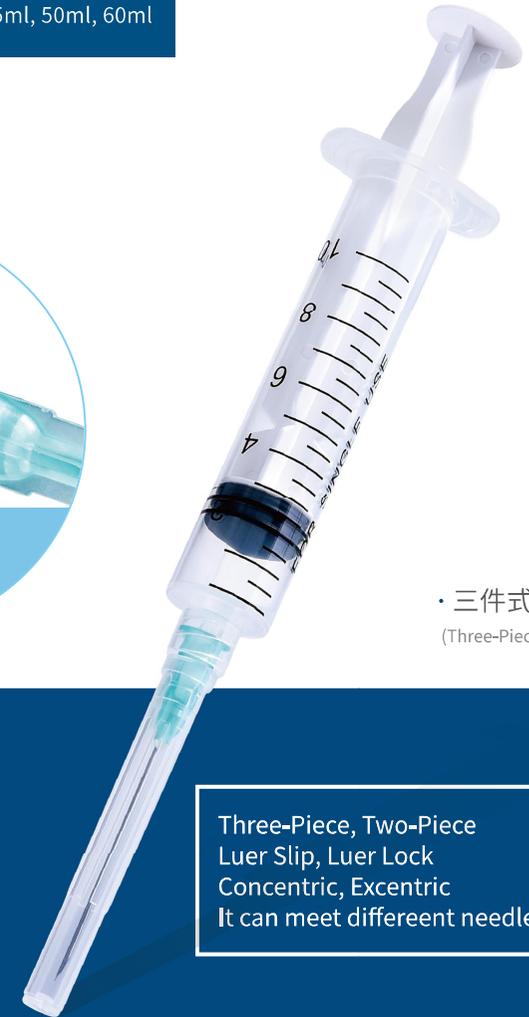
SIZE

1ml, 2ml, 2.5ml, 3ml, 5ml,
10ml, 20ml, 30ml, 35ml, 50ml, 60ml



优异的紧密配合性
EXCELLENT CLOSE FIT

三件式、两件式
直口式、螺口式
中头式、偏头式



· 三件式/螺口式
(Three-Piece/Luer Lock)

Three-Piece, Two-Piece
Luer Slip, Luer Lock
Concentric, Excentric
It can meet different needles.

一次性使用无菌自毁式注射器

1 前端自毁

FRONT-END STRUCTURE



2 后端自毁

BACK-END STRUCTURE



产品特点

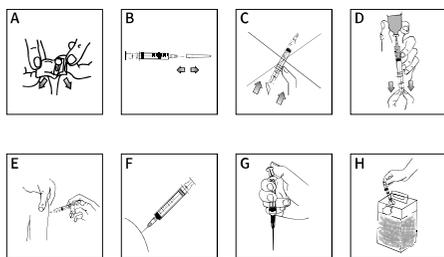
Structure Properties of Products

- 具有自毁特性, 当预计的药液剂量注射完毕时, 自毁性能自动生效, 有效防止注射器的重复使用, 避免交叉感染, 提高临床注射安全。
- 自毁结构多样, 有前端式、后端式两种自毁结构, 自毁性能高可靠。前端式, 适用于小剂量注射(1ml), 药液低残留, 后端式, 适用于较大剂量注射(2ml及2ml以上)。

SIZE

1ml, 2ml, 2.5ml,
3ml, 5ml, 10ml

Operation Diagram



- It has self-destructive characteristics. When the expected dose of the drug is injected, the self-destructive performance will automatically take effect, effectively prevent the reuse of syringes, avoid cross-infection and improve the safety of clinical injection.
- The self-destructive structure is various. There are two kinds of self-destructive structures: front-end structure and back-end structure. The self-destructive performance is high and reliable. Front-end type, suitable for small dose injection (1ml), low residue, and back-end type, suitable for large dose injection (2ml and more than 2ml).



SIZE

1ml, 2ml,
2.5ml, 3ml,
5ml, 10ml,
20ml

Safety Syringe with Retractable Needle

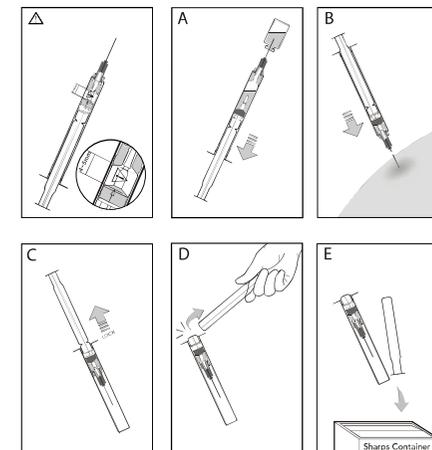
一次性使用无菌回缩型自毁式注射器

产品特点

Structure Properties of Products

- 回缩自毁特性: 预计的药液剂量100%注射完毕时, 自毁性能自动启动, 手动操作安全回缩性能使针尖形成充分的蔽罩后锁定, 有效防止重复使用和意外针刺危害。
- 良好的可用性设计: 外套透明, 能清晰观察药液及气泡; 芯杆按钮设有防滑结构, 易于握持; 外套后端内腔设有防滑脱结构, 可防止芯杆从外套中意外滑出。
- 型式多样: 螺口式, 带针或不带针, 满足客户不同需求。
- Safety auto disable syringe: RPF will start spontaneously when expected dose 100% done, manual operation safety retractable performance will prevent from reusing and hurting by covering needle with barrel and locked.
- Excellent usability: clearly observe solution and bubbles with transparent barrel; push button of plunger with skidproof structure that easy to grip; the inner cavity of the rear end of barrel with skidproof structure to prevent the plunger from accidentally sliding.
- Types: lock with or without needle, can meet different needs.

Operation Diagram





Safety Insulin Syringe with Retractable Needle

一次性使用无菌安全胰岛素注射器

产品特点

Structure Properties of Products

- 安全特性: 吸取预计的药液剂量后, 需运输的, 上推滑套保护针尖在运输过程不受物理损坏; 注射开始前下拉滑套露出针尖, 当预计的药液剂量100%注射完毕时, 手动将滑套上滑至与连接座处于不能再滑动的位置时, 针尖完全被覆盖在滑套内, 再手动旋转滑套直至锁死, 有效防止重复使用和意外针刺危害, 避免交感染, 防止乙肝、艾滋等疾病的传播, 降低了医务人员的职业暴露的风险, 提高了临床注射安全。
- Safety Characteristics: after absorbing the expected dose of liquid medicine, if transportation is needed, push up the sliding sleeve to protect the needle tip from physical damage during transportation; pull the sliding sleeve to expose the needle tip before the injection starts, when the expected dose of liquid medicine is 100% injected, manually slide the sliding sleeve to the position where the connector base can no longer slide, the needle tip is completely covered in the sliding sleeve, and then the sliding sleeve is manually rotated until it is locked, it could effectively preventing repeated use and accidental needle sticking, and avoiding cross infection. To prevent the spread of diseases such as hepatitis B and AIDS, reduces the risk of medical staff occupational exposure, improved the clinical injection safety.

Disposable Insulin Syringe

一次性使用无菌胰岛素注射器

产品特点

Structure Properties of Products

- 针座与外套注塑成型为一体的设计, 确保了药液低残留, 保证了药液注射精确度。
- 细小针尖配置, 减轻患者使用痛感。
- 牢固的刻度油墨附着, 耐摩擦, 不易脱落。
- 优异的滑动性能, 便于医务人员临床注射操作。
- 良好的可用性设计: 外套透明, 能清晰观察药液及气泡; 芯杆按手设有防滑结构, 易于握持; 外套后端内腔设有防滑脱结构, 可防止芯杆从外套中意外滑出; 护帽颜色区别胰岛素强度 (U-100、U-40), 方便识别使用。
- The integrated design of the needle holder and barrel injection molding which ensures the low residue of the liquid and ensures the accuracy of the injection of the liquid.
- Small tip configuration which could reduce the patients' pain.
- Firm adhesion of the ink of scale, friction resistance, not easy to fall off.
- Excellent sliding performance, convenient for clinical injection operation of medical staff.
- Good usability design: The barrel is transparent and can clearly observe the liquid and bubbles; the plunger has a non-slip structure and is easy to be held; anti-slip structure of the inner chamber of the back end of the barrel, which can prevent the plunger from accidentally slipping out of the barrel; the color of the cap distinguishes insulin strength (U-100, U-40), so that it is easy to identify and use.

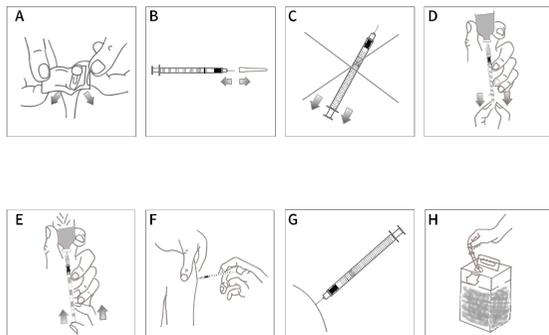


Auto-disable Syringe for Fixed-dose Immunization

一次性使用无菌自毁型固定剂量疫苗注射器



Operation Diagram



SIZE

0.05ml, 0.1ml, 0.2ml,
0.3ml, 0.4ml, 0.5ml, 1ml

产品特点

Structure Properties of Products

- 具有自毁特性，随药液注射启动其自毁性能即开始生效，当固定剂量疫苗注射完毕时，注射器即被彻底自行锁死，有效防止了注射器的重复使用，提高了临床注射安全。
- 针座与外套注塑成型为一体的设计，确保了药液低残留，保证了药液注射精确度。
- 牢固的刻度油墨附着，耐摩擦，不易脱落。
- 良好的可用性设计：外套透明，能清晰观察药液及气泡；芯杆按压设有防滑结构，易于握持。
- 芯杆在同一平面内有明显可见相等距离的凹阶，用于自毁区域设置，保证自毁生效高可靠。
- With self-destructive characteristics, the self-destructive performance of the syringe will begin to take effect as the injection starts. When the fixed dose of vaccine is finished, the syringe will be completely self-locked, effectively preventing the reuse of the syringe and improving the safety of medical injection.
- The integrated design of the needle holder and barrel injection molding which ensures the low residue of the liquid and ensures the accuracy of the injection of the liquid.
- Firm adhesion of the ink of scale, friction resistance, not easy to fall off.
- Good usability design: The barrel is transparent and can clearly observe the liquid and bubbles; the mandrel press is provided with anti-skid structure, which is easy to be hold.
- The plunger has obvious concave steps with equal visible distance in the same plane, which can be used to set up the self-destructive area to ensure the self-destructive effect is high and reliable.

Disposable Sterile Dissolving Drug Apparatus

一次性使用溶药器



SIZE

10ml
20ml
30ml
50ml
60ml

Disposable Syringe with Catheter Tip

一次性使用冲洗器

SIZE

20ml
30ml
50ml
60ml
100ml

Prefilled Syringe

预灌封注射器

产品特点

Structure Properties of Products

- 采用COC/COP和橡胶材料制成，具有良好的药物相容性。
- 可有效的减少药物因储存或转移过程的吸附造成浪费的现象，对于比较昂贵的生物制剂药物而言，具有重要的意义。
- 在使用稀释剂后避免重复抽吸，减少二次污染的机会。
- 通过灌装机定量灌装药液的方法比医务人员手动抽吸药液更准确。
- 注射器上可以直接标明药品名称，在临床上降低了药品使用错误的风险。使用易于剥离的标签，也有助于保存患者的药物信息。
- 与临床采用安瓿或者西林瓶相比，使用预灌封注射器操作简单，节省了一半时间，特别适合急诊患者。
- Using COC/COP materials and rubber components ,it has good compatibility with medicines with can ensure the stability of medicines.
- It is of great significance to reduce the waste of medicines due to adsorption during storage and transfer, especially for expensive biochemical agents.
- Avoid to repeat suction after using the diluent to reduce the chance of secondary pollution.
- The method of quantitatively filling the liquid medicine by the filling machine is more accurate than the manual suction of the liquid medicine by the medical personnel.
- The name of the medicine can be directly indicated on the syringe, which is not easy to make mistakes in clinical practice. If the easy to peel label is used, it is also helpful to save the patient's medication information.
- It is easy to operate and saves half of the time that compared with the use of vials in clinical practice, which is especially suitable for emergency patients.

预期用途

Intended Use

- 该产品主要适用于疫苗药物、生物制剂、癌症药物、急救药物、美容产品等的包装储存。
- The product is mainly used for filling vaccines, biological agents, cancer medicines, emergency medicines, beauty products, etc.



Prefilled Normal Saline Flush Syringe

预充式导管冲洗器

产品特点

Structure Properties of Products

- 预充式导管冲洗器是一种新型的药械组合器械。
- 该产品的结构组成包括：保护帽、外套、芯杆、活塞和预充0.9%氯化钠注射液。具有储存药液和直接冲洗的功能，与传统的“药瓶+注射器”方法相比，不仅安全可靠，而且最大限度地降低了从生产到使用的人工和材料成本。
- The pre-filled normal saline flush syringe is a new type of combination device of medicine and device.
- It is made up of barrel,plunger,piston,nozzle cap and 0.9% sodium chloride injection. It has functions of storing medicine and direct washing, which is not only safe and reliable, but also minimizes the labor and material costs from production to use compared with the traditional "medicine bottle+syringe" method.

预期用途

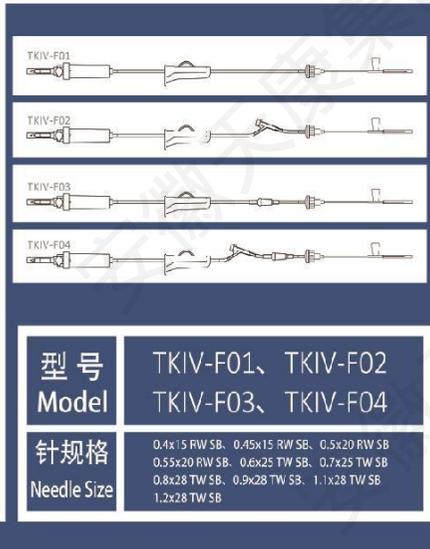
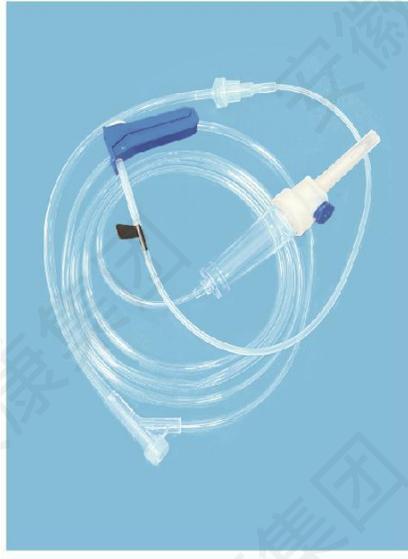
Intended Use

- 本产品预期用于不同药物治疗的间隙，封闭、冲洗导管的管路末端。
- It is intended to be used only for the flushing of indwelling vascular access devices.



Disposable Infusion Set (DEHP Free)

一次性使用输液器 带针 (非邻苯)



产品特点

Product Properties

- 可靠的调节器设计：调节行程大于30mm，能调节液流从零至最大，调节槽壁厚，不易变形，调节精确。
- 安全的输液设计：药液过滤器对药液中的15μm以上的微粒滤除率大于80%。
- 良好的可用性设计：瓶塞穿刺器有大把手，易于临床中把持操作；滴斗透明、有弹性，方便连续观察液滴，便于液体充注和排气；管路透明，当有气泡通过时可以用正常或矫正视力分辨水和空气的分界面。
- 本品具有良好的药物相容性，对输注碱性药物、硝酸酯类药物等无吸附作用，使药物的有效成分全部输入人体，保证了药效，保证了治疗效果。
- 本品不含有DEHP（非邻苯），具有更优的输液安全性，适用于各类人群，避免了邻苯输液器对青春期的男性、新生儿、怀孕期和哺乳期的妇女可能的生殖毒性。
- Safety regulator: Adjust range is 30mm from zero to maximum, regulator is accurate and thick, undeformable.
- Safety infusion: The solution filter has a filtration rate more than 80% for micro material above 15μm in solution.
- Excellent usability: Spike with safety handle that easily operate; transparent and flexible drip chamber that conveniently to observe solution, easily filling and venting for air; transparent tube that can distinguish between solution and air when bubbles passing.
- The product has good drug compatibility, has no adsorption effect on the infusion of basic drugs, nitrate drugs, so that all the effective ingredients of the drug into the human body, to ensure the efficacy of the drug, to ensure the therapeutic effect.
- The product does not contain DEHP (DEHP Free), has better infusion safety, suitable for all kinds of people, to avoid the phthalic acid infusion set to pre-adolescent male, newborn, pregnant and lactating women may reproductive toxicity.

Disposable Infusion Sets (DEHP Free、Automatic liquid stop)

一次性使用输液器 自动止液型 (非邻苯)



产品特点

Product Properties

- 自动止液设计：滴斗中设有止液膜或者浮球式止液阀，便于清晰的观察输液过程中液面位置，且随着输液快结束液面降低而自行降至与滴斗内底端形成密闭，实现自动止液，避免了护理不及时引起空气进入人体的风险，极大的提高了医疗输注安全。
- 可靠的调节器设计：调节行程大于30mm，能调节液流从零至全最大，调节槽壁厚，不易变形，调节精确。
- 安全的输液设计：药液过滤器设置在管路的末端，具有更科学的结构布局，可将进入人体前的药液尽数过滤，对药液中的15μm以上的微粒滤除率大于80%。
- 良好的可用性设计：瓶塞穿刺器有大把手，易于临床中把持操作；滴斗透明有弹性、方便连续观察液滴、便于液体充注和排气；管路透明，当有气泡通过时可以用正常或矫正视力分辨水和空气的分界面。
- 本品不含有DEHP（非邻苯），具有更优的输液安全性，适用于各类人群，避免了邻苯输液器对青春期前男性、怀孕期妇女等人群的生殖毒性。
- Automatic liquid stop design: The drip chamber is equipped with a liquid stop valve or floating ball type liquid stop valve, which is convenient to observe the liquid level position in the process of infusion clearly, and as the liquid level decreases near the end of infusion, it will automatically drop to the bottom of the drip chamber to form a closed, to realize automatic liquid stop, avoid the risk of air entering the human body caused by not timely care, and greatly improve the safety of medical infusion.
- Reliable regulator design: the adjustment stroke is greater than 30mm, can adjust the liquid flow from zero to the full maximum, the adjustment tank wall is thick, not easy to deformation, accurate regulation.
- Safe infusion design: liquid medicine filter is set at the end of the pipeline, with a more scientific structure layout, can filter the liquid medicine before entering human body, the filtration rate of particles above 15μm in liquid medicine is more than 80%.
- Good usability design: the spiker is equipped with a large handle, easy to handle in clinical operation; The drip chamber is transparent and elastic, convenient for continuous observation of droplets, and convenient for liquid filling and exhaust; The tube is transparent, and the interface between water and air can be distinguished with normal or corrected vision when bubbles pass through.
- This product does not contain DEHP (DEHP Free), has better infusion safety, suitable for all kinds of people, to avoid the phthalic acid infusion set on pre-adolescent male, pregnant women and other groups of reproductive toxicity.

Disposable Infusion Set 一次性使用输液器



Structure Figures	
TK-IV-01	
TK-IV-04	
TK-IV-05	
TK-IV-06	
TK-IV-19	
TK-IV-20	

MODEL

3801, 3802, 3803, 3804, 3805;
TK-IV-01, TK-IV-02, ~TK-IV-20;
TKIV-F01, TKIV-F02, ~TKIV-F08;

产品特点

Structure Properties of Products

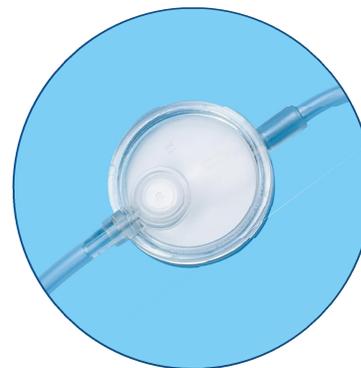
- 可靠的调节器设计:调节行程大于30mm,能调节液流从零至最大,调节槽壁面厚实,不易变形,调节精确。
 - 安全的输液设计:药液过滤器对药液中的15μm以上的微粒滤除率大于80%。
 - 良好的可用性设计:瓶塞穿刺器设有大把手,易于临床中把持操作;滴斗透明、有弹性,方便连续观察液滴、便于液体充注和排气;管路透明,当有气泡通过时可以用正常或矫正视力分辨水和空气的分界面。
 - 多类别设计:PVC输液器、不含DEHP增塑剂的PVC输液器、非PVC的TPE输液器,是依次具有更优的安全性的输液器,可以满足客户的不同需求。
- Safety regulator: Adjust range is 30mm from zero to maximum,regulator is accurate and thick, undeformable.
 - Safety infusion: The solution filter has a filtration rate more than 80% for micro material above 15um in solution.
 - Excellent usability: Spike with safety handle that easily operate; transparent and flexible drip chamber that conveniently to observe solution, easily filling and venting for air; transparent tube that can distinguish between solution and air when bubbles passing.
 - Types: PVC infusion set, PVC infusion set without DEHP, TPE infusion set, such infusion sets with better safety in turn and can meet different needs.

Disposable Infusion Set with Precision Filter 一次性使用精密过滤输液器

产品特点

Structure Properties of Products

- 精密药液过滤设计:药液过滤器过滤介质设计有5μm、3μm、2μm,是依次对药液中的5μm、3μm、2μm以上的微粒滤除率不小于90%。有效提高静脉输液的安全性、减少微粒对人体造成的近期伤害和远期危害。
 - 可靠的调节器设计:调节行程大于30mm,能调节液流从零至最大,调节槽壁面厚实,不易变形,调节精确。
 - 多类别设计:PVC输液器、不含DEHP增塑剂的PVC输液器、非PVC的TPE输液器,是依次具有更优的安全性的输液器,可以满足客户的不同需求。
- Precise solution filter: The filter medium has 5um, 3um, 2um, filtration rate more than 90% for micro material above 5um, 3um, 2um, effectively improve intravenous infusion safety, reduce near-term and long term damage caused by particles to human body.
 - Safety regulator: Adjusting range is 30mm and from zero to maximum, regulator is accurate and thick, undeformable.
 - Types: PVC infusion set, PVC infusion set without DEHP, TPE infusion set, such infusion sets with better safety in turn and can meet different needs.



型号 Model	精密过滤输液器结构示意图 Structure Figures
TKJS01	
TKJS02	
TKJS03	

Disposable Adjustable Infusion Sets With Precision Filters(DEHP Free)

一次性使用微调式精密过滤输液器 带针（非邻苯）



输液器结构图

TKWJS-F01	
TKWJS-F02	
TKWJS-F03	

型号 Model	TKWJS-F01、TKWJS-F02、TKWJS-F03
针规格 Needle Size	0.4x15 RW SB, 0.45x15 RW SB, 0.5x20 RW SB, 0.55x20 RW SB, 0.6x25 TW SB, 0.7x25 TW SB, 0.8x28 TW SB, 0.9x28 TW SB, 1.1x28 TW SB, 1.2x28 TW SB;
药液过滤器过滤介质标称孔径为：2.0μm、3.0μm、5.0μm	

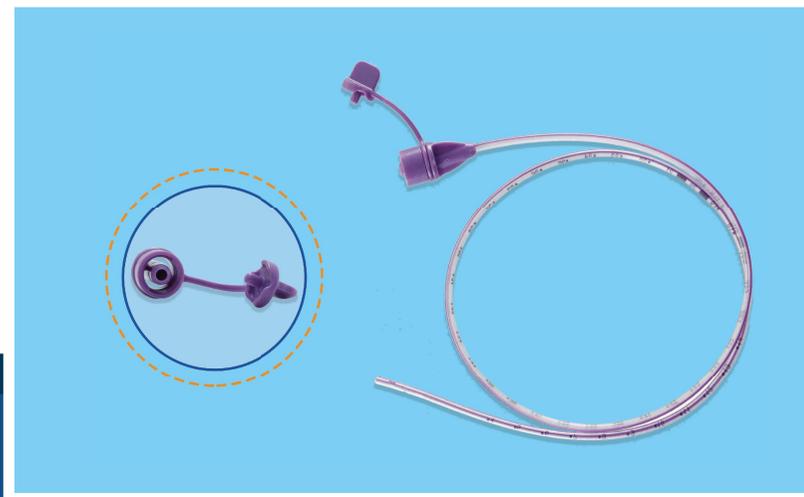
产品特点

Structure Properties of Products

- 精密流量调节器，可对在 250ml/h 范围内的流量进行任意微调，做到精密的流量控制。
- 基本型药液过滤器对药液中的 15μm 以上的微粒滤除率大于 80%；精密型药液过滤器其过滤介质设计有 5μm、3μm、2μm，是依次对药液中的 5μm、3μm、2μm 以上的微粒滤除率不小于 90%，有效提高静脉输液的安全性，减少微粒对人体造成的近期伤害和远期危害。
- 本品具有良好的药物相容性，对输注碱性药物、硝酸酯类药物等无吸附作用，使药物的有效成分全部输入人体，保证了药效，保证了治疗效果。
- 本品不含有 DEHP（非邻苯），具有更优的输液安全性，适用于各类人群，避免了邻苯输液器对青春期的男性、新生儿、怀孕期和哺乳期的妇女可能的生殖毒性。
- Precision flow regulator for fine-tuning the flow rate in the range of 250ml/h for precise flow control.
- The basic type liquid filter has a filtration rate of more than 80% for the particles of 15μm; the filter medium of the precision type liquid filter has a design of 5μm, 3μm, and 2μm, which is the filtration rate of 5μm, 3μm and 2μm in the liquid solution. The filtration rate is not less than 90%. It can effectively improve the safety of intravenous infusion and reduce the near-term damage and long-term damage which caused by particles to the human body.
- The product has good drug compatibility, has no adsorption effect on the infusion of basic drugs, nitrate drugs, so that all the effective ingredients of the drug into the human body, to ensure the efficacy of the drug, to ensure the therapeutic effect.
- The product does not contain DEHP (DEHP Free), has better infusion safety, suitable for all kinds of people, to avoid the phthalic acid infusion set to pre-adolescent male, newborn, pregnant and lactating women may reproductive toxicity.

Positionable And High-Efficiency Intestinal Feeders And Their Component

可定位高效肠给养器及其组件



产品特点

Structure Properties of Products

- 给养导管带有精准刻度，方便观察插管深度。
- 导管射线探测性，可以用于影像再导管进入人体内的准确位置，且该探测线通过机器双色共挤成型为一体，为人体安全使用提供了更加可靠的性能。
- 先进的热打孔方式改变了市场出冷打孔工艺的毛刺多、边缘不光整对人体胃壁产生的伤害。
- 带有防错误连接的胃肠道专用小口径连接件，以从固有设计上防止、杜绝临床中错误连接的风险。
- 提高给养导管的生物相容性和抗菌性。采用聚氨酯作为新型营养管材料，可在体内停留30天，最大限度地减少了额外插管，减轻病人痛苦。
- The feeding catheter has a precise scale to observe the depth of the tube.
- The X-ray detection of the catheter can be used for imaging to show the exact position of the catheter entering the human body, and the detection line is integrated by the two-color co-extrusion machine, providing a more reliable performance for the safe use of human body.
- The advanced hot punching method has changed the market out of the cold punching process of burr, edge not only the whole human stomach wall damage.
- Small diameter fittings for gastrointestinal tract with anti-error connection are designed to prevent and eliminate the risk of misconnection in clinical practice.
- Improve the biocompatibility and antibacterial properties of the feeding catheter. Using polyurethane as a new nutrient tube material, it can stay in the body for 30 days, minimizing additional intubation and relieving patient pain.

Disposable Blood Transfusion Set 一次性使用输血器

产品特点

Structure Properties of Products

- 安全的输血设计:血液过滤网对血凝块滤除率大于80%。
- 可靠的调节器设计:调节行程大于30mm,能调节液流从零至最大,调节槽壁面厚实,不易变形,调节精确。
- 多类别设计:PVC输血器、不含DEHP增塑剂的PVC输血器,是依次具有更优的安全性的输液器,可以满足客户的不同需求。
- Safe blood transfusion design: The filtration rate of blood clot is greater than 80%.
- Reliable regulator design: adjustable stroke greater than 30mm, can adjust the flow from zero to maximum, the adjust groove wall surface is thick, not easy to deform, and the adjustment is precise.
- Multi-category design: PVC materials, and PVC DEHP-FREE materials which are successively with better safety. It could meet the different needs of customers.



型号 Model	输血器结构示意图 Structure Figures
TKX-00	
TKX-01	
TKX-02	
TK-BT-01	
TK-BT-02	
TK-BT-03	
TK-BT-04	



Extracorporeal Blood Circuits for Haemodialyser 血液净化装置的体外循环血路

产品特点

Structure Properties of Products

- 医用级原材料,技术指标稳定。
- 保护翼采样口,贴心保护降低穿刺危险。
- 体外循环血路各连接组件良好吻合,连接强度高,且密封性能可靠。
- 软管塑化均匀,无扭结扁瘪,磨砂色泽且足够透明,用正常或矫正视力可以发现水和空气的分界面,同时又降低了患者的恐惧心理。
- 良好的可用性设计:循环血路的软管接头的颜色区别动静脉管路,带有红色软管接头的为动脉侧管路,带有蓝色软管接头的为静脉侧管路,方便识别,避免错误连接。
- 适应性强:可与各机型配套使用、可选择配件丰富,插瓶针、废液收集袋、连通接头等。



- Medical grade raw materials, technical indicators are stable.
- Protect the wing sampling port and reduce the risk of puncture.
- Each component connection has good strength and reliable sealing performance.
- The hose is plasticized evenly, without twisting and flat, matte color and transparent enough. Normal or corrected vision can be used to find the interface between water and air, and at the same time reduce the patient's fear.
- Good usability design: The color of hose connector of circulating blood passage is different from that of arteriovenous pipeline. The arteriovenous pipeline with red hose connector and the venous pipeline with blue hose connector are convenient to identify and avoid wrong connection.
- Adaptability: It can be used with various models, and there are a wide range of optional accessories: spike, waste collection bags, connectors etc.



型号: TK-TL-01、TK-TL-02、~TK-TL-28

Model: TK-TL-01, TK-TL-02, ~TK-TL-28

Extension Tube

一次性使用延长管

产品特点

Structure Properties of Products

- 延长管各组件间连接强度高，且密封性能可靠。
- 管路透明，用目力观察能分辨水气分界面。
- 通用性配合：按国际标准生产的6:100圆锥接头，可以配合任何具有6:100圆锥接头的输液器械使用。
- 延长管类型及管路配件可按客户要求配置，以满足不同使用需求。

- Each component connection has good strength and reliable sealing performance.
- The tube of the liquid path is transparent, and the water gas interface can be distinguished by visual observation.
- Universal cooperation: 6:100 luer connector which manufactured according to international standards can be used with any infusion sets with 6:100 luer connector.
- Extension tube types and components can be configured to meet different usage requirements.



Heparin Cap

输液用肝素帽



Disposable Three-way Stopcock

一次性使用三通阀

产品特点

Structure Properties of Products

- 通用性配合：按国际标准生产的6:100圆锥接头，可以配合任何具有6:100圆锥接头的输液（血）器械使用。
- 严密的结构，实现预期通路而不泄漏。
- 产品中带有不同颜色的阀芯，用于动静脉同时使用该产品时，便于医护人员分辨。
- Universal cooperation: 6:100 luer connector which manufactured according to international standards can be used with any infusion sets (blood transfusion sets) with 6:100 luer connector.
- Tight structure to achieve the desired path without leakage.
- The product with different colors of valve core, which is convenient for medical personnel to distinguish when using the product for arteriovenous use.



型号: TKSTF-01 TKSTF-02 TKSTF-03 TKSTF-04 TKSTF-05 TKSTF-06 TKSTF-07
Model: TKSTF-01 TKSTF-02 TKSTF-03 TKSTF-04 TKSTF-05 TKSTF-06 TKSTF-07

Disposable Hypodermic Needle 一次性使用无菌注射针



针规

Needle Size

规格		色标	长度 公制 (mm) / 英制 (in)					壁厚		刃口角度		
公制	英制		13 1/2	16 5/8	19 3/4	25 1	32 1 1/4	38 1 1/2	RW	TW	LB	SB
0.30	30G	黄										
0.33	29G	红										
0.36	28G	蓝-绿										
0.40	27G	中灰										
0.45	26G	褐										
0.50	25G	橙										
0.55	24G	中紫										
0.60	23G	深蓝										
0.70	22G	黑										
0.80	21G	深绿										
0.90	20G	黄										
1.10	19G	奶油										
1.20	18G	粉红										
1.60	16G	白										

Disposable Safety Needle 一次性使用安全针



Scalp Vein Set

一次性使用静脉输液针



Disposable IV Catheter

一次性使用静脉留置针

产品特点

Structure Properties of Products

- 输液结束后可以较长时间留置静脉内，待下次输液将输液系统接口插入本产品接口就可进行输液，避免再对静脉穿刺，减少患者组织损伤与感染，并降低医务人员的工作强度。
- 在X射线下可显影。
- 透明的长导管和长导管连接座设计，便于观察回血。
- 导管组件内装有隔离塞，既防止医护人员在操作时将病人的血液带出，有效杜绝了交叉感染，又保证针在刺入血管时运行的稳定性。



- After the infusion, it can be indwelling in the vein for a long time, and then the infusion system interface can be inserted into the product interface to infusion, avoiding venipuncture, reducing tissue damage and infection, and reducing the working intensity of medical staff.
- It can be developed under X-rays.
- Transparent long catheter and long catheter connector design for easy observation of blood return.
- The catheter assembly is equipped with a isolation plug, which prevents the medical staff from carrying the patient's blood during operation, effectively eliminating cross-infection and ensuring the stability of the needle when it is inserted into the blood vessel.

型号：A型、B型

Model: Type A, Type B

SIZE

0.7x19mm	0.9x19mm
0.9x25mm	1.1x30mm
1.3x30mm	

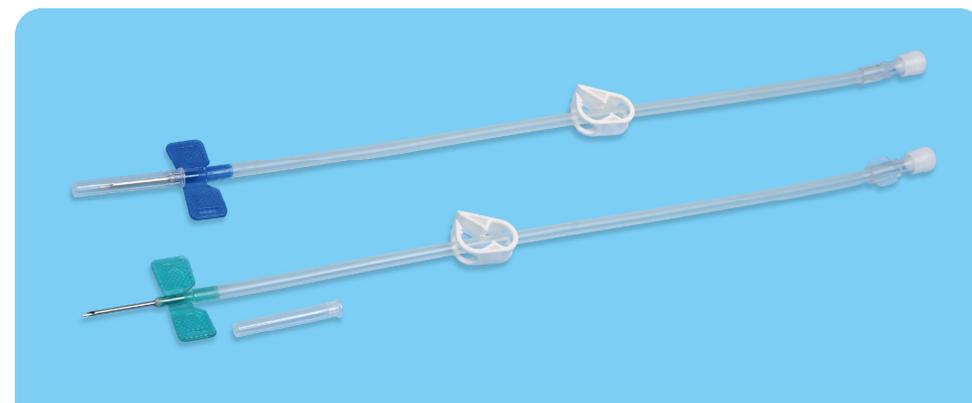
A.V.Fistul Needle

一次性使用动静脉瘘穿刺针

产品特点

Structure Properties of Products

- 针管采用优质奥氏体不锈钢制造。
 - 针尖锐刃面设计，锋利度好，进针顺畅，痛感小，组织破坏少；
 - 离针尖约2mm处设有背孔，既便于医护人员第一时间看到回血，准确把握导管进入血管的位置，增大流量，还保证了针的强度。
 - 按国际标准生产的6:100圆锥接头，尺寸准确，与医疗器械通配性好。
- The needle is made of high quality austenitic stainless steel.
 - Short-blade design of the needle tip, good sharpness, the needle enters smoothly, and patient has little pain and less tissue destruction.
 - The back hole is set about 2mm away from the tip of the needle, which is convenient for the medical staff to see the blood return at the first time, accurately grasp the position of the catheter into the blood vessel, increase the flow rate, and ensure the strength of the needle.
 - 6:100 conical connector which manufactured according to international standards is accurate in size and has good compatibility with medical equipment.



型号：固定型、旋转型

Model: Fixed Type, Rotary Type

SIZE

15G(1.8mm)
16G(1.6mm)
17G(1.4mm)

Safety A.V. Fistul Needle

一次性使用安全式动静脉瘘穿刺针

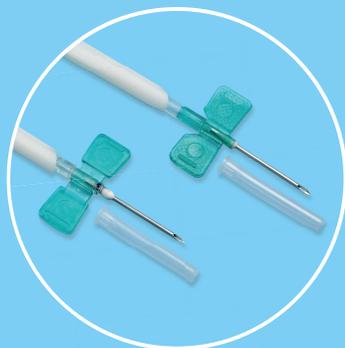
产品特点

Structure Properties of Products

- 安全保护套设计, 具有防针刺特性, 当一次性使用完毕后, 操作的医生手动启动安全保护套将针尖收容于保护套内并锁定, 有效防止医务人员受到意外针刺危害, 避免交叉感染, 防止乙肝、艾滋等疾病的传播, 降低了医务人员的职业暴露的风险, 提高了临床注射安全。
- 针尖短刃面设计并设有背孔, 锋利度好, 进针顺畅, 痛感小, 组织破坏少。
- 按国际标准生产的6:100圆锥接头, 尺寸准确, 与医疗器械通配性好。
- The safety protection cap is designed to sharps injury protection. After single use, the operating doctor manually starts the safety protection cap to hold the needle tip in the protection cap and lock it, effectively preventing the medical staff from being harmed by accidental sharps injury, avoiding cross infection, preventing the spread of hepatitis B, AIDS and other diseases, reducing the risk of occupational exposure of the medical staff, and improving the safety of clinical injection.
- Short-blade design of the needle tip, good sharpness, the needle enters smoothly, and patient has little pain and less tissue destruction.
- 6:100 conical connector which manufactured according to international standards is accurate in size and has good compatibility with medical device.

SIZE

15G(1.8mm)
16G(1.6mm)
17G(1.4mm)



防针刺型固定式、防针刺型旋转式
Sharps Injury Protection Fixed Type,
Sharps Injury Protection Rotary Type

Bifurcated Needle

一次性使用分叉针

产品特点

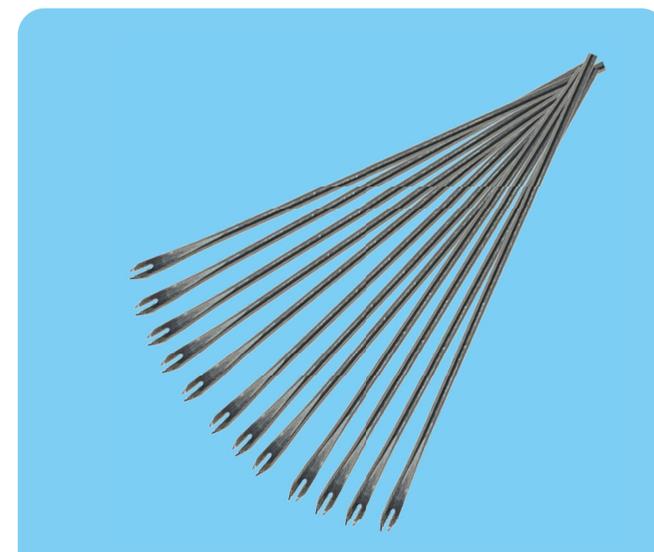
Structure Properties of Products

- 分叉针有两个尖, 将一小滴天花疫苗粘附在尖头之间, 然后在皮肤上穿刺大约15次。采用分叉针接种疫苗操作简单, 任何人都可以学会这种技术, 这使得广泛有效的疫苗接种成为可能。
- 与传统接种疫苗的方法相比, 免疫程序简单并易掌握。分叉针蘸取量约为2.5 μ l, 其免疫效果与4倍剂量(10 μ l)皮肤划痕的接种效果相同, 在保证免疫接种效果的基础上降低了疫苗用量, 与传统方法相比提高了疫苗的吸收率。分叉针有两个尖, 将一小滴天花疫苗粘附在尖头之间, 然后在皮肤上穿刺大约15次。
- Bifurcated needles have two prongs. A small drop of smallpox vaccine was placed between the prongs approximately 15 punctures would be made into the skin. The needles were easy to use and the technique could be learned by anyone, making effective widespread vaccination possible.
- Compared with the traditional methods, this method is simple and easy to use. Although dipping of vaccine by use the Bifurcated needle is about 2.5 μ l., its immune effect is the same as the vaccination effect of four times the dose (10 μ l) of skin scratches. on the basis of ensuring the vaccination effect, the dosage of vaccine is reduced, and the absorption rate of vaccine

预期用途

Intended Use

- 分叉针预期用于通过皮肤点刺法或划痕法接种疫苗。
- The bifurcated needle is intended for use in administering vaccines by the skin prick method or administering epidermal allergens.



型号:

BFN001, BFN002, BFNS001

Model:

BFN001, BFN002, BFNS001

Single-use Huber Huber needles used for implantable drug-supplying devices

一次性使用植入式给药装置专用针

产品特点

Structure Properties of Products

- 适用于通过一次性使用植入式给药装置进行输液、给药；
 - 针尖锋利易于穿刺；
 - 针尖以一定角度弯曲，穿刺输液港时不易产生落屑而造成的血管栓塞；
 - 针管内径大、流量高(薄壁设计)；
 - 90°的针管弯曲设计，双翼片柔软，便于固定留置；
 - 产品不含有DEHP，应无菌、无致热原、溶血率低于5%、无急性全身毒性等，具有良好的生物相容性。
- Application: It is suitable for infusion and drug administration through disposable implantable drug-supplying devices;
 - The needle is sharp and easy to pierce;
 - The needle tip is bent at a certain angle, which makes it difficult to produce debris and cause vascular embolism when puncturing the infusion port;
 - Needle tube with large inner diameter and high flow rate (thin-wall design);
 - The 90° curved design of the needle tube, with soft double wing
 - The product doesn't contain DEHP and should be sterile, pyrogen-free, with a hemolysis rate of less than 5%, and without acute systemic toxicity. It has good bioco



SIZE

0.7×16mm, 0.7×20mm, 0.7×25mm, 0.7×30mm,
0.9×16mm, 0.9×20mm, 0.9×25mm, 0.9×30mm,
1.1×16mm, 1.1×20mm, 1.1×25mm, 1.1×30mm。

Disposable Dissolving Needle

一次性使用溶药针

侧孔针 Stainless Steel Needles with Side Hole



SIZE

16G

18G

钝针 Blunt Fill Needle



SIZE

16G

18G

Oral / Enteral Syringe

喂食器

产品特点

Structure Properties of Products

- 可从营养液容器中提取营养物质, 然后通过喂液管和延长管的配合为人体输送。
- 按ISO 80369-3标准设计锥头, 与鲁尔锥头不相兼容, 有效防止医用管路错误连接。
- 喂食器刻度精准, 当喂食器与输液泵配合使用时, 能起到准确控制流速和剂量的功能。
- It is used as a dispenser, a measuring device and a fluid transfer device.
- Design the syringe tip per ISO80369-3, the syringe tip is not compatible with luer connector, which can effectively prevent the wrong connection of medical pipeline.
- When using combined with infusion pump – a device accurate control the infusion speed and volume, syringe must be recognized correspondingly according to its nominal capacity.

SIZE

1mL 2.5mL 3mL 5mL
10mL 20mL 30mL 35mL
50mL 60mL



Eye Syringe

眼科注射器

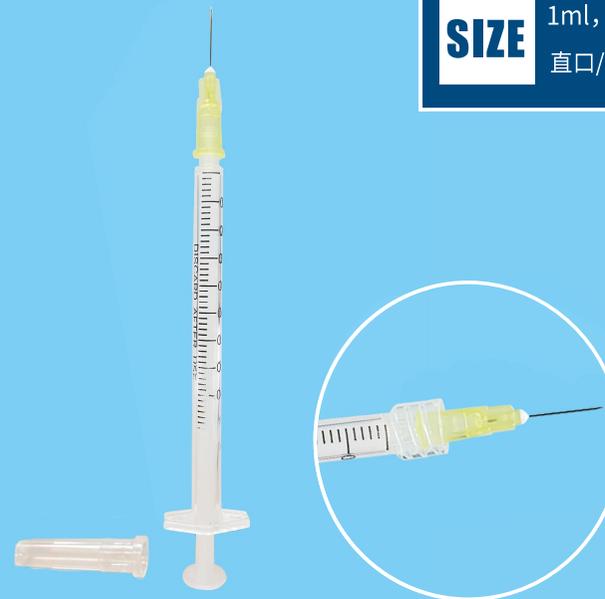
产品特点

Structure Properties of Products

- 高透明注射器筒体;
- 两件式注射器, 低残留, 有效减少药物浪费;
- 超细针, 锋利的针尖, 减少痛感;
- 无硅设计: 无需添加硅油, 避免药物与硅油发生相互作用而降低其使用疗效。
- High transparent syringe Barrel;
- Two piece syringe, low dead space;
- effectively reduce drug waste Ultra-fine needle, sharp tip, reduce pain;
- Siliconeless: There is no need to add silicone oil to avoid the interaction between drugs and silicone oil and reduce its efficacy.

SIZE

1ml, 26G 27G 28G 29G 30G
直口/螺口 Luer Slip Luer Lock



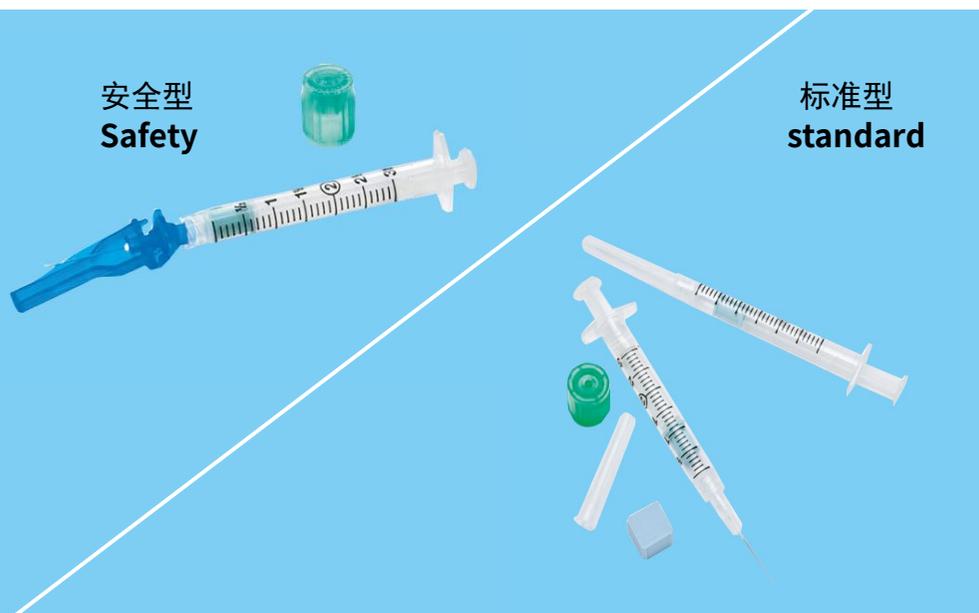
Arterial blood specimen collection

动脉血样采集器

产品特点

Structure Properties of Products

- 动脉血样采集器是一种无菌、一次性使用的器械，主要用于采集、初级保存动脉血样以进行体外诊断试验。
 - 安全型采血器的针头带有安全保护套，具有按压可使针头的针管被固定在凹槽内，防止针尖意外刺伤的特性。
 - 组成：主要有贮样器、采血针和密封件组成。
- The arterial blood specimen collection is a sterile, disposable instrument mainly used for collecting and primary preserving arterial blood samples for in vitro diagnostic tests.
 - The needle of the safety blood collection device comes with a safety sleeve, which has the characteristics of pressing the needle tube to be fixed in the groove, preventing accidental puncture of the needle tip.
 - Composition: It is mainly composed of sample storage, blood collection needle and sealing parts.



Disposable Vacuum Blood Collection Tube

一次性使用真空采血管

产品特点

Structure Properties of Products

- 本产品用于采集静脉血液样本进行临床检验，与持针器和一次性采血针配套使用。
- This product is used to collect venous blood samples for clinical examination, and is used together needle holder and blood collection needle.



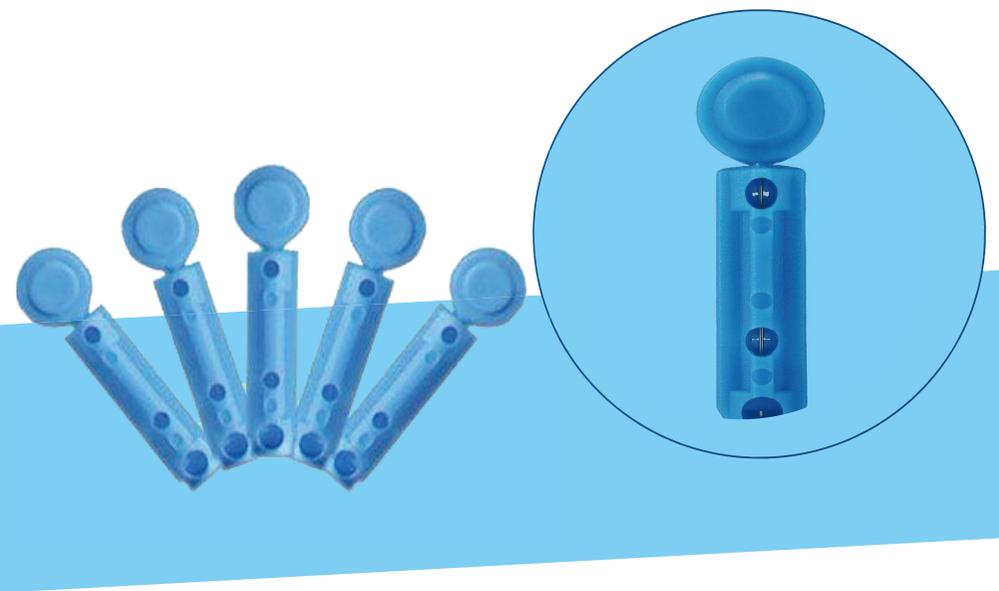
Model	Specification	Colour
additive-free	3ml, 5ml, 6ml, 7ml, 10ml	red
coagulant	2ml, 3ml, 5ml, 6ml, 7ml, 10ml	tangerine
Separation glue/coagulant	3ml, 4ml, 5ml, 6ml	Golden yellow
Sodium fluoride/heparin sodium	2ml, 3ml, 4ml, 5ml	gray
(ethylenediamine tetraacetate dipotassium salt)EDTAK2	2ml, 3ml, 4ml, 5ml, 6ml, 7ml, 10ml	purple
(ethylenediamine tetraacetate tripotassium salt)EDTAK3	2ml, 3ml, 5ml, 7ml, 10ml	purple
3.2% sodium citrate	2ml, 3ml, 4ml, 5ml	blue
3.8% sodium citrate	2ml, 3ml, 5ml	black
Heparin carp	3ml, 4ml, 5ml, 6ml, 7ml, 10ml	green
Heparin sodium	3ml, 4ml, 5ml, 6ml, 7ml, 10ml	green
Heparin/separation gel	3ml, 4ml, 5ml	green
EDTAK2/ Separation glue	3ml, 4ml, 5ml	white
ACD(Sodium Citrate and Glucose Solution)	2ml, 3ml, 4ml, 5ml, 6ml	yellow

采血针

产品特点

Structure Properties of Products

- 血刺针是具有最高质量的针，一个三斜角的尖端显著减少创伤时，皮肤被刺穿。这些枪也提供通用风格兼容几乎所有的射击设备。
- 全封闭的针头外壳，确保针头在使用前后隐藏起来，防止锐器伤害。
- 各种颜色编码的产品版本，以满足特殊的血液样本应用，并解决各种患者皮肤类型。
- 精确的设计，方便手指定位和理想的血液样本采集。
- Blood lancet is featuring the highest quality needle, a tri-bevel tip dramatically reduces trauma when skin is punctured. These lancets also offer universal style compatible with almost all lancing devices.
- Fully enclosed needle housing ensuring that needles is hidden before and after use to prevent sharps injuries.
- Various,color-coded product versions to meet special blood sample applications and address the variety of patient skin types.
- Precise designs for vonvenient finger positioning and ideal blood sample collection.



安全采血针

产品特点

Structure Properties of Products

- 安全采血针是一种常用的手指毛细管取样装置。独特的压力设计，确保良好的血液样本。一次性柳叶刀的主要特点是安全、快捷、方便、无痛。
- 安全：
 1. 所有针头都是EO无菌的，并有无菌标签保护。
 2. 全封闭的针头外壳，确保针头在使用前后隐藏起来，防止锐器伤害。
- 简单：
 1. 易于处理，直观的激活在2个步骤，只有没有预加载，为按钮和接触激活。
 2. 宽而长的安全帽，易于拆卸-只需扭转和拉动，以消除针盖。
 3. 精确的设计，方便手指定位和理想的血液样本采集
- Safety Blood lancet is a popular sampling device for collecting the capillary sample from finger. The unique pressure design of lancet ensure a good blood sample. The key feature of disposable lancet is safe, quick, convenient and painless.
- SAFE:
 1. All needle are EO-sterile and protect with a sterility tab.
 2. Fully enclosed needle housing ensuring that needles is hidden before and after use to prevent sharps injuries.
- SIMPLE:
 1. Easy to handle, intuitive activation in 2 steps only with no pre-loading, for both push button and contact activation.
 2. Wide and long safety cap for easy removal-simply twist and pull to remove the needle cover.
 3. Precise designs for convenient finger positioning and ideal blood sample collection



Pen Type Blood Collection Needle 笔杆型采血针

产品特点

Structure Properties of Products

- 由采血针管、连接座、保护套、上盖帽、下盖帽组成。
- 用于采集血样。
- 针管采用SUS304不锈钢制造；
- 针管薄壁设计、内径大、流量高；
- 针尖角度精确，适合静脉采血特点。
- 安全型采血针在使用后安全装置可以按压卡主针头，有助于保护使用者，减少针刺伤风险。



- consists of blood collection needle tube, connecting seat, protective cover, upper cap and lower cap.
- Used for collecting blood samples.
- The needle tube is made of SUS304 stainless steel.
- Needle tube thin-wall design, large inner diameter, high flow rate;
- The needle tip Angle is accurate and suitable for venous blood collection.
- The safetyBlood Collection Needle comes with a safety sleeve, which has the characteristics of pressing the needle tube to be fixed in the groove, preventing accidental puncture of the needle tip.

公制	英制	色标	常规规格
0.6	23G	深蓝	0.6×25mm
0.7	22G	黑	0.7×32mm
0.8	21G	深绿	0.8×38mm
0.9	20G	黄	0.9×38mm
1.2	18G	粉红	1.2×38mm

型号：安全型、标准型
Model: Safety, standard

Butterfly Blood Collection Needle 碟翼型采血针(单翼、双翼)

产品特点

Structure Properties of Products

- 由采血针管、连接座、保护套、上盖帽、下盖帽组成。
 - 用于采集血样。
 - 针管采用SUS304不锈钢制造；
 - 针管薄壁设计、内径大、流量高；
 - 针尖角度精确，适合静脉采血特点。
- consists of blood collection needle tube, connecting seat, protective cover, upper cap and lower cap.
 - Used for collecting blood samples.
 - The needle tube is made of SUS304 stainless steel.
 - Needle tube thin-wall design, large inner diameter, high flow rate;
 - The needle tip Angle is accurate and suitable for venous blood collection.

型号：单翼、双翼
Model: Single wing, double wings



常规规格 Regular size	色标 color
25G×3/4"	橙 orange
24G×3/4"	中紫 Medium Purple
23G×3/4"	深蓝 Deep blue
22G×3/4"	黑 Black
21G×3/4"	深绿 Deep green

注：规格长度可根据客户需求定制
Note: The length can be customized according to customer requirements

Safely Butterfly Blood Collection Needle

安全碟翼型采血针

产品特点

Structure Properties of Products

- 由采血针管、连接座、保护套、上盖帽、下盖帽组成。
- 用于采集血样。
- 针管采用SUS304不锈钢制造；
- 针管薄壁设计、内径大、流量高；
- 针尖角度精确，适合静脉采血特点。
- 安全型采血针在使用后可有效防止针刺伤，避免血液溢出感染，保障临床人员的安全。
- Product structure: consists of blood collection needle tube, connecting seat, protective cover, upper cap and lower cap.
- Used for collecting blood samples.
- The needle tube is made of SUS304 stainless steel.
- Needle tube thin-wall design, large inner diameter, high flow rate;
- The needle tip Angle is accurate and suitable for venous blood collection.
- Safe blood collection needle can effectively prevent needle injury, avoid blood overflow infection, and ensure the safety of clinical personnel.

型号:安全型
Model: Safety



常规规格Regular size

25G×3/4"

24G×3/4"

23G×3/4"

22G×3/4"

21G×3/4"

色标color

橙 orange

中紫 Medium Purple

深蓝 Deep blue

黑 Black

深绿 Deep green

注:规格长度可根据客户需求定制

Note: The length can be customized according to customer requirements

Needle holder

持针器

产品特点

Structure Properties of Products

- 与采血针配合使用，使用时更加便利
- This product is used in combination with blood collection needle, It is more convenient to use



Blood culture bottles

血液培养瓶

产品特点

Structure Properties of Products

- 高品质透明聚苯乙烯 (PS) 材料, 符合医疗级。
 - 采用超真空等离子体表面处理TC处理培养瓶。Vero细胞培养48h后, 细胞生长数量达到国际同类产品水平。
 - 无菌, 没有DNA酶, 没有RNA酶。
 - 根据不同的培养需要, 可提供透气性盖和密封性盖。
- High quality transparent polystyrene (PS) material, meets medical grade.
 - TC treated culture flask was treated with ultra-vacuum plasma surface. After 48h culture of Vero cells, the number of cell growth reached the international level of similar products.
 - Sterile, no DNA enzyme, no RNA enzyme.
 - According to different culture needs, air permeable cover and sealing cover are available.

规格

25m²、75m²、
175m²、125m²



Disposable blood transfusion set(double chamber type)DEHP FREE

一次性使用输血器(双腔型)非邻苯



产品特点

Product Properties

- 双腔滴斗设计: 输血过程中, 为避免过滤网受血凝块阻塞影响流量, 可来回捏压滴斗下腔的周壁, 使滴斗下腔的压力向上作用, 可将堆积在过滤网上的血凝块勾开, 使过滤网畅通, 从而保证稳定的输血流量。
 - 安全的输血设计: 血液过滤网对血凝块滤除率大于80%。
 - 可靠的调节器设计: 调节行程大于30mm, 能调节液流从零至最大, 调节槽壁面厚实, 不易变形调节精确。
 - 良好的可用性设计: 滴斗透明有弹性, 内设有可漂浮于输血液面的浮球, 输血过程中可以清晰的观察血液和空气分界面的位置, 便于医务人员护理识别, 有效降低护理难度。
 - 本品不含有DEHP (非邻苯), 具有更优的输血安全性, 适用于各类人群, 避免了邻苯类输液器对青春前期男性、怀孕期妇女等人群的生殖毒性。
- Double-chamber design: In the process of blood transfusion, in order to avoid the filter screen from being affected by blood clot blockage, the peripheral wall of the lower chamber can be pinched back and forth, so that the pressure of the lower chamber can act upward, and the blood clot accumulated on the filter net can be evenly separated, so that the filter net is unblocked, so as to ensure a stable blood transfusion flow.
 - Safe transfusion design: Blood filters can remove blood clots more than 80%.
 - Reliable regulator design: the adjustment stroke is greater than 30mm, can adjust the liquid flow from zero to the maximum, the adjustment tank wall is thick, not easy to deformation and accurate regulation.
 - Good usability design: The drop chamber is transparent and elastic, and it is equipped with a floating ball that can float on the blood level. During the transfusion process, the position of the interface between blood and air can be clearly observed, which is convenient for medical personnel to identify nursing and effectively reduce the difficulty of nursing.
 - This product does not contain DEHP (DEHP Free), has better infusion safety, suitable for all kinds of people, to avoid the phthalic acid infusion set on pre-adolescent, male, pregnant women and other groups of reproductive toxicity.

Nasal wash syringe 鼻腔冲洗器

产品特点

Structure Properties of Products

- 压力可控
- 注射器设计
- 水流均匀
- 避免压力失衡

- Ressure controllable
- Syringe design
- Even water flow
- Avoid stress imbalances



Soothe and unblock the nasal cavity of infants and young children

- 01 Children's Nasal Care and Cleaning
- 02 Rinse Nasal Passages Blocked By Runny Nose
- 03 Nasal Nursing Lrrigation For

舒缓和疏通婴幼儿的鼻腔

- 01 儿童鼻腔护理和清洁
- 02 漱口被流鼻涕堵塞的鼻腔
- 03 职业粉尘吸入鼻腔护理

Irrigation Syringe With Buld 球囊冲洗器

产品特点 product properties

- 采用弹性球囊作为储液和加压部件, 通过手动捏挤球囊产生水流冲击力, 无需依赖外接电源或复杂设备, 操作简单便捷。
- 球囊材质通常为医用级硅胶或橡胶, 具有良好的弹性、耐腐蚀性和生物相容性, 确保使用安全。
- Using an elastic balloon as the liquid storage and pressure component, water impact force is generated by manually squeezing the balloon. It does not rely on external power supplies or complex equipment, and is simple and convenient to operate.
- The balloon is typically made of medical-grade silicone or rubber, which has good elasticity, corrosion resistance, and biocompatibility to ensure safe use.



Insulin Pen Needles 胰岛素注射笔用针头

产品特点 product properties

- 规格: 31Gx5mm, 32Gx4mm, 33Gx4mm
- 使用短针头疼痛感较轻, 更易刺入皮肤且发生肌肉注射风险小。
- 四层密封, 无菌独立包装。
- Specifications: 31G×5mm, 32G×4mm, 33G×4mm.
- Short needles cause less pain, are easier to penetrate the skin, and have a lower risk of intramuscular injection.
- Four-layer sealing and sterile individual packaging.



无针接头



产品特点

product properties

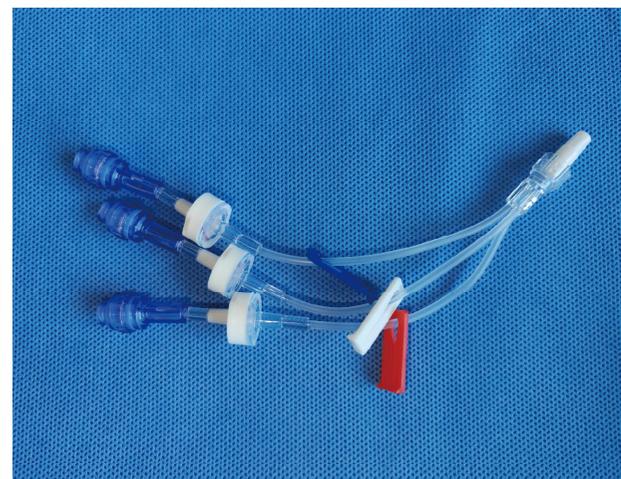
- 连接器正端可任意连接外周静脉导管、中心静脉导管、静脉套管、三通阀等需要肝素帽的端口。
- 母接头可连接注射器、输液器、输血器等，并锁定。
- 可以完成输液、输血、抽血等治疗任务。
- 接头符合ISO 80369-7标准。
- 不含乳胶。
- 本产品与MRI兼容。
- The positive end of the connector can be arbitrarily connected to Peripheral venous catheter, Central Venous Catheter, IV Cannula, Three-way valves and other ports that require Heparin caps.
- The female end can be connected to and lock the Syringe, Infusion set, Blood transfusion set etc.
- It can complete treatment tasks such as infusion, blood transfusion and blood drawing.
- The connection complies with ISO 80369-7 standard.
- Latex free.
- This device compatible with MRI.

带无针接头延长管

产品特点

product properties

- 无针连接，降低钢针使用频次，降低血源性传染概率
- 不需穿刺肝素帽，避免微小颗粒进入输液系统
- 螺口连接，密闭装置，减少空气吸入的潜在危险
- 抽回血易冲洗，操作安全，简单方便
- 带有三通的延长管可连接不同输液容器、输液器等，方便多路输液要求
- Needle-free connection reduces the frequency of steel needle use and reduces the probability of blood-borne infections
- No need to puncture the heparin cap, avoiding the entry of small particles into the infusion system.
- Screw connection, airtight device, reducing the potential danger of air inhalation.
- Easy to flush when drawing back blood, safe and easy to operate.
- Extension tube with tee can be connected to different infusion containers and infusion sets, which is convenient for multi-channel infusion requirements.



Disposable Syringe with Safety Needle

注射器配安全针



产品特点

product properties

- 独特的安全设计, 确保注射后针头被永久固定, 防止意外刺伤医护人员, 有效避免交叉感染
- 新型安全针易于使用, 安全, 使用时残留物较少
- 可配不同型号的安全针和注射器, 满足多种注射需求
- Unique safety design ensures that the needle is permanently fixed after injection, preventing accidental stabbing of healthcare workers and effectively avoiding cross-infection;
- New safety needles are easy to use, safe and leave less residue when used;
- It can be equipped with different types of safety needles and syringes to meet a variety of injection needs.

Disposable Syringe with permanently attached needle

注射器带永久固定针

产品特点

product properties

- 固定针头的设计, 减少了因更换针头带来的剂量误差, 确保剂量准确性
- 特殊的锁定装置可防止注射器被重复使用
- 微残留针头可减少药液残留
- Fixed needle design reduces dosage error due to needle change and ensures dosage accuracy;
- Special locking mechanism prevents syringes from being reused;
- Micro-residue needles reduce drug residue.



轴索应用注射器



产品特点

product properties

- 独特的接头设计, 有效防止错误连接, 提高患者安全性
- 局部定位作用, 如局部麻醉、关节注射、穴位注射
- Unique connector design effectively prevents misconnection and improves patient safety.
- Local positioning effect, such as local anesthesia, joint injection, acupoint injection

安全盒



产品特点

product properties

- 高强度防潮材质: 采用三层瓦楞纸板 + PE 淋膜工艺, 外层防水膜厚度 $\geq 30\mu\text{m}$, 内层涂布抗菌涂层, 耐水浸 ≥ 2 小时(模拟医疗液体渗漏场景), 防血液、药液渗透, 抑制大肠杆菌、金黄色葡萄球菌等(抗菌率 $\geq 99\%$)。
- 防穿刺抗撕裂设计: 纸板克重 $\geq 300\text{g}/\text{m}^2$, 侧面与底部工字型加强筋, 承重 $\geq 25\text{kg}$, 可承受锐器穿刺冲击; 箱口边缘双层折叠压边, 防搬运时边缘开裂致泄漏。
- 资质认证: 通过 ISO 13485 认证, 部分地区型号符合 GB 18597 标准。
- Outer waterproof film has a thickness of $\geq 30\mu\text{m}$, and the inner layer is coated with an antibacterial coating. It can withstand water immersion for ≥ 2 hours (simulating medical liquid leakage scenarios), prevent the penetration of blood and medicinal liquids, and inhibit Escherichia coli, Staphylococcus aureus, etc. (antibacterial rate $\geq 99\%$).
- Puncture and tear resistance design: The basis weight of the cardboard is $\geq 300\text{g}/\text{m}^2$. The side and bottom are provided with I-shaped reinforcing ribs, with a load-bearing capacity of $\geq 25\text{kg}$, which can withstand the impact of sharp objects. The edges of the box opening are double-folded and crimped to prevent leakage caused by edge cracking during handling.
- Qualifications and certifications: Passed the ISO 13485 certification, and models in some regions comply with the GB 18597 standard.

OEM

OEM区

喂食器 Oral / Enteral Syringe



SIZE

0.5ml
1ml
3ml
6ml
12ml
20ml
100ml

储食瓶 Storage Bottle



SIZE

80ml
1oz
2oz

OEM

OEM区

一次性使用喉镜片 Disposable Visual laryngoscope



SIZE

Type 1
Type 2
Type 3
Type 4

静脉输液过滤器 Intravenous Filter



SIZE

IV3BHLL
IV3BHLYL
IV3BLL
IV3BLYL
IV3FLL
IV3FLYL

OEM

OEM区

一次性使用冲洗器 Disposable Syringe



一次性使用喂食管 Feeding Tube



OEM

OEM区

一次性使用浮球式输血器 Disposable Blood Transfusion Set



一次性使用手泵式输血器 Disposable Transfusion Pump Set



QUALIFICATION CERTIFICATES 企业资质

权威认证 放心之选

