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ZHEJIANG INI MEDICAL DEVICES CO.,LTD

Tel:86-0577-86805198

Fax:86-0577-86805178

Http:www.inimd.com

E-mail:inimd@inimd.com

地址: 浙江省温州市龙湾区永中街道纪风路251号

Add: No.251, Jifeng Road, Yongzhong subdistrict, Longwan District, Wenzhou, Zhejiang, Chin



# 「一心一益 精益 花精」

浙江一益医疗器械有限公司 ZHEJIANG INI MEDICAL DEVICES CO.,LTD



# 公司简介 COMPANY PROFILE



**浙江一益医疗器械有限公司**(原乐清市长城塑料医械厂)创建于1987年,是国家食品药品监督管理局注册的生产一次性使用胰岛素注射器、注射针、配药针等无菌医疗器械产品的专业公司。随着市场需求量的不断增加,2009年公司决定扩大生产规模,在温州永强高新技术开发区投资3000万元建设新厂房,总建筑面积12000㎡,其中10万级洁净车间4380㎡。

公司具有与所生产医疗器械产品及生产规模相适应的生产设备、生产场地、仓贮场地和生产环境。拥有完善的质量管理体系,并对产品质量的各道环节进行严格控制。质量检验机构健全,检验手段齐全,具备与所生产规模相适当的质量检验能力。

公司按GB/T19001-2008 idt ISO9001-2008、YY/T0287-2003 idt ISO13485-2012 建立质量保证体系,通过了国际知名的TUV公司国际质量体系认证,并获得欧洲共同体颁发的CE标志证书。

公司坚持不断创新、持续改进、更好地满足法规及客户的需求的企业宗旨,力争成为行业内具有良好企业形象和品牌声誉的知名制造商。公司总经理竭诚欢迎国内、外各大医疗机构、医药单位与我们合作,携手为人类健康事业奉献至诚至爱。

ZHEJIANG INI MEDICAL DEVICES CO., LTD. was founded in 1987 which grew out of Yueqing Changcheng Plastic Medical Devices Factory. Registered in the State Food and Drug Administration, INI Medical is a Professional manufacturer of disposable insulin syringes dispensing needles,mpodermicneedles other sterile medical apparatus and instruments. With the steadily increasing market demands, a decision to expand the production scale was made by the board in 2009. The board invested a total capital of thirty million RMB in construction of new plant In Wenzhou Yongqiang High-tech Zone. The new plant commands a total construction area of 12000 m², among which, an area of 4380 m² is the class one hundred thousand clean workshop.

INI Medical possesses advanced production equipments, well-appointed production sites, capacious storage sites and favorable clean production environment which adapt to the production of medical equipment products and production scale. It has a perfect quality management system, and carries on extremely strict control of each link in the production chain. Above all, INI medical has sound and qualified inspection institutions, complete and functional inspection methods, outstanding inspection capability appropriate to the production scale.

INI Medical has set up a quality guarantee system which in compliance with GB/T19001-2008 IDT ISO9001-2008, YY/T0287-2003 IDT IS013485-2012. It also attains CE certificate issued by the international quality system certification institution——TUV.

By unswervingly adhering to the policy of "continuous innovation, sustained improvement", we would abide by relevant laws and administrative regulations while satisfying customer needs, we strive to become one of the most well-known manufacturers which enjoy high reputation in the medical device field. We would like to cordially welcome and sincerely join hands with the medical institutions home and abroad, devoting ourselves to the cause and development of human health.

# 产品检验及质量控制能力

Products Inspection & quality control capacity



按ISO13485及食药监局《医疗器械生产质量管理规范》要求建立起的与公司生产能力相适配的检验室,由物理检验室、化学检验室和生物检验室构成。万级无菌实验室分为无菌室、和微生物限度室和阳性对照室,配有万级下的局部百级;

The quality department is established according with the production capacity as well as standard ISO13485 and the chinese FDA regulation 《Good manufacturer practice for sterile medical device 》,which consists of physical lab, chemical and biological lab .10000 degree cleaning room consist of Sterile room,microbial limit room and positive control room .























一心一意 精益求精 KEEP IMPROVING PERFECT FROM BEST

# 一次性使用胰岛素注射器

## Disposable Insulin Syringe



#### 产品特点

- ●产品按ISO8537标准设计生产。塑料件由高精度热流道 模具注塑成型;超细针管永久固定。超细产品针管,锋利度高, 最大限度的降低穿刺痛感。
  - ●无注射残留,避免了胰岛素的浪费。
  - •刻度单位及体积单位显示,粗体印刷便于识读。
  - ●环氧乙烷灭菌,无菌,无热原。
  - 带针规格可根据客户要求定制生产。
  - ●包装方式:单支吸塑包装、产品自密封独立包装。

- The design and production comply with ISO8537. The plastic parts are moulded by hot runner molds; ultra-thin needles is fixed permanently. The design of ultra thin tube and sharp tip reduces the puncture pain utmostly.
- Without residual, the waste of insulin is avoided.
- •1.U. and CC calibration, graduation lines is printed in bold for reading easily.
- EO sterilization, Sterile, no-pyrogenic.
- The customized needle is available.
- Packing: Individual blister package or self-sealed package.

	单位	规格	配针规格	Needle Size	色标	
Product Structure		Size	OD	L	Colour Identification	
		1ml	29G	1/2"		
针管 芯杆 Cannula Plunger	U-100	0.5ml	30G 31G	× 3/8" 5/16"	橙色 Jacinth	
		0.3ml	32G	5/16"		
		1ml	29G 30G	1/2" 3/8"		
护套 活塞 外套 端帽 Protective Cap Piston Barrel End Cap	U-40	0.5ml		× 5/16" 5/16"	红色 Red	

# 一次性使用胰岛素笔配套注射针

## Disposable Insulin Pen Needle





#### 产品特点

- ●与胰岛素笔配套使用,用于人体皮下注射胰岛素用。
- 塑料件由高精度热流道模具注塑成型;超细针管永久固定。
- ●超细产品针管,高锋利度针尖,最大限度的降低穿刺痛感。
- ●环氧乙烷灭菌,无菌,无热原。
- ●带针规格可根据客户要求定制生产。
- ●包装方式:单支吸塑包装。

#### **Product Features**

- •Used with insulin pen, for insulin hypodermic injection.
- The plastic parts are moulded by hot runner molds; ultra-thin needles is fixed permanently.
- •Ultra thin tube, sharp tip to reduce the puncture pain utmostly.
- •EO sterilization, Sterile, no-pyrogen.
- The customized needle is available.
- Packing: Individual blister package.

	产品结构 Product Structure		针的规格 Needle Size		标 entification
		34G×4mm	0.18×4mm	W	ith
针尖护套		33G×4mm	0.20×4mm	Pi	nk
Tip Protective Ca	p	$32G \times 4mm$	0.23×4mm	Light-	green
		31G×4mm	0.25×4mm	Ora	nge
		31G×5mm	0.25×5mm		nk
		31G×6mm	0.25×6mm	Deep	Blue
		31G×8mm	0.25×8mm	Ora	nge
			0.30×8mm	Yel	low
		30G×10mm	0.30×10mm	Yel	low
		29G×12mm	0.33×12mm	Re	ed
	→ <u></u>	28G×12mm	0.36×12mm	Green	Blue
Hub Protective Cap			0.40×12mm	Middle	e Grey
		26G×12mm	0.45×12mm	Bro	wn

注:除上述常用规格外,我们可根据客户要求定做特殊规格。

# 一次性使用无菌注射针

## **Disposable Needle**



## 一次性使用长注射针 Disposable Long Needle



#### 产品特点

- •针管采用优质奥氏体不锈钢材料生产。
- ●注射针所有配件均由我公司自行生产,全自动组装机组装完成.
  - ●精密的针尖研磨工艺最大限度减低穿刺疼感。
  - ●包装方式:单支吸塑包装,散装。

#### **Product Features**

- The cannula is made of high quality austenite stainless steel.
- •All the components of hypodermic needle are produced by ourself, assembled by full automatic assembling machine.
- Precise grinding technology is implemented in the needle tip to reduce the puncture pain utmostly.
- Packing: Individual blister package or bulk package.

规格 Spe	规格 Specification		规格 Specification		色标
(Gauge)	(mm)	色标 Colour Identification	(Gauge)	(mm)	Colour Identification
30G×1/2 "	0.30×12.7mm	Yellow	22G×2 "	0.7×50mm	Black
29G×1/2 "	0.33×12.7mm	Red	21G×5/8 "	0.8×16mm	Deep Green
27G×1/2 "	0.4×12.7mm	Cool Grey	21G×1 "	0.8×25mm	Deep Green
27G×3/4 "	0.4×19mm	Cool Grey	21G×1 1/4 "	0.8×32mm	Deep Green
27G×1 5/8 "	0.4×41mm	Cool Grey	21G×1 1/2 "	0.8×38mm	Deep Green
27G×2 "	0.4×50mm	Cool Grey	21G×2 "	0.8×50mm	Deep Green
26G×1/2 "	0.45×12mm	Brown	20G×5/8 "	0.9×16mm	Yellow
26G×7/8 "	0.45×23mm	Brown	20G×1 "	0.9×25mm	Yellow
26G×1 "	0.45×25mm	Brown	20G×1 1/4 "	0.9×32mm	Yellow
25G×5/8 "	0.5×16mm	Orange	20G×1 1/2 "	0.9×38mm	Yellow
25G×1 "	0.5×25mm	Orange	20G×2 "	0.9×50mm	Yellow
25G×1 1/2 "	0.5×38mm	Orange	19G×1 "	1.1×25mm	Gream
24G×1 "	0.55×25mm	Purple	19G×1 1/4 "	1.1×32mm	Gream
23G×1 "	0.6×25mm	Deep Blue	19G×1 1/2 "	1.1×38mm	Gream
23G×1 1/4 "	0.6×32mm	Deep Blue	19G×2 "	1.1×50mm	Gream
23G×1 1/2 "	0.6×38mm	Deep Blue	18G×1 "	1.2×25mm	Pink
22G×3/4 "	0.7×19mm	Black	18G×1 1/4 "	1.2×32mm	Pink
22G×1 "	0.7×25mm	Black	18G×1 1/2 "	1.2×38mm	Pink
22G×1 1/4 "	0.7×32mm	Black	18G×2 "	1.2×50mm	Pink

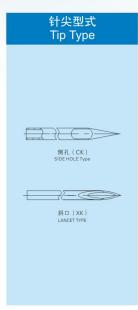
注:除上述常用规格外,我们可根据客户要求定做特殊规格。



# 一次性使用配药针

## **Disposable Dispensing Needle**





#### 产品特点

- ●与针管采用优质奥氏体不锈钢材料生产。
- ●斜口型采用精密的研磨工艺,锋利度高,穿刺阻力小。
- ●侧孔针管针尖采用独特的锻压工艺加工而成,表面光亮, 角度均衡;侧孔边缘光滑,避免了穿刺碎屑产生。
  - ●环氧乙烷灭菌,无菌,无热原。
  - ●带针规格可根据客户要求定制生产。
  - ●包装方式:单支吸塑包装,散装。

#### **Product Features**

- The cannula is made of high quality austenite stainless steel.
- The lancet tip is ground by highly precise grinding technology, with high sharpness and small resistance.
- The Side Hole type is processed by unique forging technology, the cone tip with a smooth-bright surface, average tip angle; The edge of the hole is smooth, and the scrap caused by puncture is avoided.
- EO sterilization, Sterile, no-pyrogenic.
- Needle can be produced according to customer's requirement.
- Packing: Individual blister package&Bulk package.

针管	规格	针尖型式	Tip Type	色标 Colour Identification	
(Gauge)	( Metric )	侧孔 Side Hole Type	斜口 Lancet Type		
20G×11/4"	0.9×32mm	V	$\checkmark$	Yellow	
18G×11/4"	1.2×32mm	$\checkmark$	$\checkmark$	Gream	
18G×11/2"	1.2×38mm	$\checkmark$	$\checkmark$	Pink	
17G×12/5"	1.5×35mm	$\checkmark$	$\checkmark$	Pink	
17G×11/2"	1.5×38mm	$\checkmark$	$\checkmark$	Red-blue	
17G×2"	1.5×50mm	$\checkmark$	$\checkmark$	Red-blue	
16G×1"	1.6×25mm	$\checkmark$	$\checkmark$	Red-blue	
16G×11/4"	1.6×32mm	$\checkmark$	$\checkmark$	White	
16G×11/2"	1.6×38mm	$\checkmark$	$\checkmark$	W	hite
15G×11/2"	1.8×38mm	$\checkmark$	$\checkmark$	W	hite
14G×11/2"	2.1×38mm	$\checkmark$	$\checkmark$	Blue Middle Grey	
13G×11/2"	2.4×38mm	$\checkmark$	$\checkmark$	Light-green	
12G×11/2"	2.7×38mm	$\checkmark$	$\checkmark$	Purple	
11G×11/2"	3.0×38mm	$\checkmark$	$\checkmark$	Light-blue	
10G×11/2"	3.4×38mm	$\checkmark$	$\checkmark$	Oliue Brown	

注:除上述常用规格外,我们可根据客户要求定做特殊规格。



# 一次性使用无菌自毁型固定剂量疫苗注射器

Disposable Self-destroy Fixed Dose Vaccine Syringe



#### 产品特点

- ●与外套采用高透明的聚丙烯材料制成,美观透亮;
- ●芯杆设计成台阶式的卡槽,卡扣固定在芯杆上,可精确 定位注射剂量。
- ●注射过程中,卡扣上的卡脚附着在外套内边缘上,使芯杆只能前进不能退后,这样阻止了该产品重复使用而导致交叉污染可能。精确注射药液并自毁。
  - ●包装: 纸塑包装或全塑包装。

#### **Product Features**

- The barrel is made of high transparent medical PP, which has a cleaning apperance.
- Piston is designed with the Step-Solt to fix the fastener, to control the medicine dose precisely.
- During the injection, the antenna of the fastener is attaching to the inner surface of the barrel and going forward with the piston without backward, which protected the possibility of cross contamination from reusing. The medicine is injected precisely and then syringe is self-destroyed.
- Packing: Blister or PE package.

产品结构 Product Structure		配针规格 Needle Size		
		OD	L	
针管 Cannula Barrel  护套 活塞 卡扣 Protective Cap Piston Fastener  Plunger	0.05 ml 0.1 ml 0.2 ml 0.3 ml 0.4 ml 0.5 ml 0.6 ml 0.7 ml 0.8 ml 0.9 ml 1.0 ml	26G (0.45mm) 27G (0.4mm) 28G (0.36mm) 29G (0.33mm) 30G (0.3mm)	3/8" (10mm) × 1/2" (13mm)	

注:除上述常用规格外,我们可根据客户要求定做特殊规格。

# 一次性使用静脉输液针

## **Disposable Scalp Vein Needle**



#### 产品特点

- ●双翼针柄由软聚氯乙烯注塑成型,外观光洁透明,手感柔顺,便于临床静脉输液时操作和固定。
- ●鲁尔(6:100)锁定连接座采用透明ABS注塑成型,通配其他输液接头,锁紧不泄漏。盖帽和保护套采用聚丙烯材料注塑成型,有效地保护针尖和连接座不受损伤和污染。
- ●软管采用聚氯乙烯料挤出成型,有普通透明、弹性透明 和弹性磨砂三种供客户选择。软管不打折,在临床上可清晰看 见液体和回血现象。
- ●配套各种型号的不锈钢针管,适用于儿童到成人各年龄段输液用.针管和翼片采用透明UV胶粘接,牢固持久,外观光亮。
  - 环氧乙烷灭菌,无菌,无热原。
  - ●包装方式:单支吸塑包装,单支PE包装,散装。

#### **Product Features**

- Double-wing needle holder is made of medical flexible PVC by injection moulded, the appearance is clean and transparent. The soft touching feeling facilitates handling and fixation during clinical intravenous infusion operation.
- Luer lock adapter(6:100,female) is injection moulded by transparent ASB material. It is tight and free of leakage to match with any other transusion adapter. Hub and needle protective cap are injection moulded with PP material, protecting needle tip and connection hub from destruction and pollution effectively.
- The soft infusion tube is made of PVC, 3 types are available—normal transparent, flexible transparent and flexible matte surface. It is no blockage after bending, the medicine liquid and blood can be monitored clearly.
- Different needle sizes is are available to cover the different age from children to adult for infusion. Needle and butterfly wings are fixed by transparent UV glue, durably and brightly.
- EO sterilization, Sterile, no-pyrogen.
- Packing: Individual blister package, individual PE bag package &Bulk package.

产品结构 Product Structure	针的规格(	Needle Size	色标 Colour Identification
	26G(0.45MM)		Brown
双翼针柄 锁定针座 Double-Wing Needle Holder	25G(0.5MM)		Orange
Luer Lock Hub 保护套	24G(0.55MM)		Purple
Protective Cap	23G(0.6MM)	3/4" (19mm)	Deep Blue
	22G(0.7MM)		Black
	21G(0.8MM)		Green
螺旋盖帽 软管 输液针管 Screw Protective Cap Flexible Infusion Tube Infusion Cannula	20G(0.9MM)		Yellow
	18G(1.2MM)		Pink

注:除上述常用规格外,我们可根据客户要求定做特殊规格。

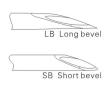
# 注射针管,静脉针管

## Cannula For Hypodermic Needle, Cannula For Scalp Vein Needle





Comparison between Regular wall, Thin Wall and Extra Thin Wall



#### 产品特点

- ●与针管采用医用级SUS304,有良好的刚性和韧性,耐腐蚀
- ●针尖型式有斜面(长斜面角和短斜面角)、反倒角,等多种型式.采用先进的自动磨刃机研磨,角度及尺寸控制精确,针尖锋利,最大化地减少临床穿刺阻力,减少刺痛感。
- ●针管采用电解抛光及超声波清洗,能最大化地去除针管表面 及内腔的附着物及毛刺。
- ●包装:一定数量针管(根据特定规格选择合适的盒装量)采用透明薄膜捆扎后外加海绵保护针尖.木质或高强度瓦楞外箱,有效避免运输时造成针尖的损伤。

#### **Product Features**

- The material of the needle is Medical Grade SUS304, which has great stiffness, tenacity corrosion resistance.
- The cannula tip have many types such as lancet type (Long bevel &Short bevel), reverse grinding type. The tips are ground (grinded) by full automatic grinding machine into accurate angle and dimension and sharp tip, reducing the puncture force and patient's pain.
- Cannula is processed by electrolytic polishing and cleaned by ultrasonic machine, all the burrs and stains inside&outside of the tube are removed at maximum.
- Packing: Certain quantity (according to the size) are packed together, wrapped with foam to protect needle tip. Wooden or corrugated carton avoids the damage of needle tip effectively during the transportation.

规格 Sp	ecification	LENGTH		BEVEL	FIRST
GAUGE	OD (mm)	(mm)		ANGLE	BEVELANGLE
33G 32G 31G 30G 29G 28G 27G 26G 25G	0.21 0.24 0.26 0.3 0.33 0.36 0.4 0.45 0.5		RW TW		11° ±2°C
24G 23G 22G 21G 20G 19G 18G 17G 16G 15G 14G	0.55 0.6 0.7 0.8 0.9 1.1 1.2 1.4 1.6 1.8 2.1 2.4	10 ~ 300 (mm)	RW TW ETW	SB LB	(注射针管)  12° ±2℃ (输液针管)  17° ±2℃

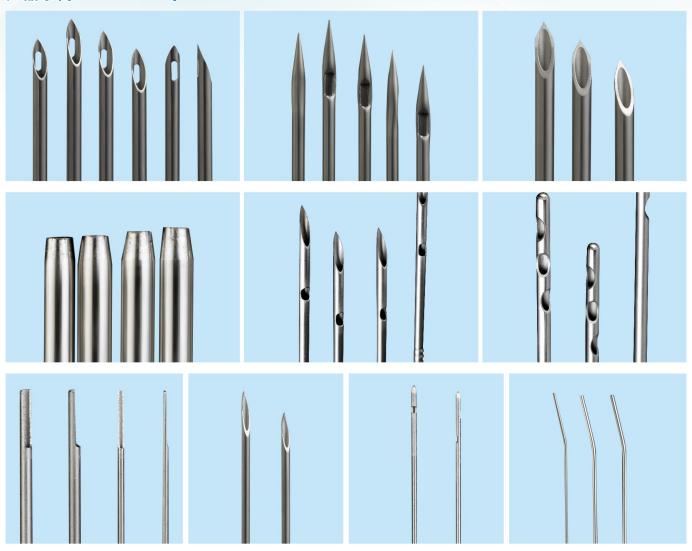
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## 特殊针管

## **Special Needles**

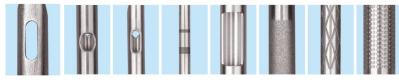
## 产品示例Product Sample



## 针尖加工示例 Tip Type Sample



管材加工示例 Tube Type Sample



#### 产品特点

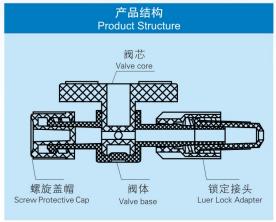
- ●与除成熟的针尖研磨工艺,我公司具有齐全的毛细管材加工设备及丰富的经验。用精工细作的工匠精神,生产小批量,高技术及工艺要求的特殊针管。
- ●产品用于临床注射,引流,取样,冲洗,导联接等各种 医疗,工业及航空领域。
- ●根据客户需求及产品加工工艺需要,常用的毛细管材特种加工工艺有:锻压加工,电解磨削,电化学抛光,机械抛光,线切割加工,脉冲加工,激光切割及焊接加工,等工艺。

- Besides the mature technology of needle tip grinding, we own various production machines and have rich experiences on capillary material and cannula. With the spirit of putting full attention into products, we produce small quantity needles with high technology by batch.
- Products are used in the medical field of clinical injection, drainage, sampling, cleaning, conducting and industry, avigation etc.
- According to customer requirements and the production technology requirements, mostly used production technologies for processing capillary material includes: Forging, Electric-Chemical grinding, Electric Chemical polishing, Mechanical polishing, Electric wire cutting, Electric Pulse, Laser cutting & welding etc.

## 一次性使用输液用三通阀

## The Three-way Valve For Single Use





#### 产品特点

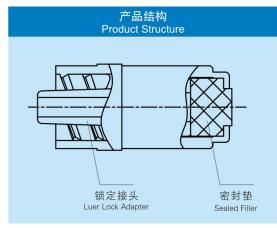
- ●三通阀用于临床输液时切换输液通道。有两种型式,单 独式和带输液延长管式。输液延长管用于延长输液管路,方便 临床操作使用。
- ●互成90度的三孔对称设计,灵活的阀芯转动,以及鲁尔锁定式接头的设计,在临床上方便与不同器械连接,进行管路切换。
  - ●包装:单独式:硬PVC纸塑;带导管式:软纸塑。

#### **Product Features**

- Three-way infusion valve is used to switch the infusion channel in the clinical operation. There are two types: Single type and single with extention tube. Single with extension type is to extend the infusion tubes to facilitate the clinical operations.
- Three ways are designed to be 90°crossing type, turning smoothly valve and the luer lock adapter, convenient to connect with some other medical device and switch the infusion channel.
- Packing: Single Type: hard PVC Blister; Single type with extention tube: Soft Blister.

# 一次性使用输液用肝素帽 Disposable Infusion Heparin Cap





#### 产品特点

- ●肝素帽有透明和黄色两种不同规格。
- ●组件采用高频焊接方式组装成型。鲁尔锁定接头可与其 它器械上的鲁尔接头相连接。
- ●密封垫采用高弹质密的PET等材料制成,在临床上可方便采用有针或无针的形式进行加药。采用有针穿刺加药时,该材质不造成脱屑而引发污染。
  - ●包装:单支硬塑包装,散装。

- There are two types of the heparin cap: Transparent&Yellow.
- Components are connected by high frequency welding way. Luer lock adapter could be connected with some other medical device.
- The sealed-filler is made of High Elastic-Density PET, which facilitates the medication with needle or without needle. There would be no contamination caused by filler's scrap during the needle injection.
- Packing: Individual hard blister package&Bulk package.

# 一次性使用牙科冲洗针

## **Disposable Dental irrigation Needle**



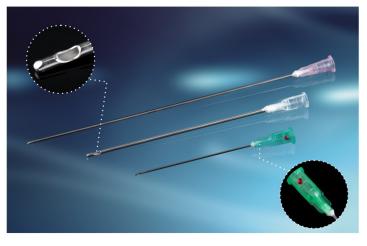
#### 产品特点

- ●针管采用医用级SUS304不锈钢材料,有良好的刚性和 韧性,耐腐蚀。针尖加工中采用先进的自动切割,自动磨刃、 激光焊接等加工成型;酸洗钝化及电解抛光处理,针管表面 及内壁光洁无毛刺。
- ●牙科针用于牙科手术中口腔内某部位定点清洗。针尖有两种型式,单侧孔和双侧孔。单侧孔设计,有效的降低了药物垂直方向流动对牙根部形成的压力。双侧孔手术中旋转可对口腔某部位进行360度无死角冲洗。
- 带针规格可根据客户要求定制生产。 常用的规格范围为: OD:30G-16G (0.3mm 1.6mm), length: 8 120mm。
  - ●包装方式:单支吸塑包装,散装。

#### **Product Features**

- The material of the needle is Medical Grade SUS304, which has great stiffness, tenacity corrosion resistance. The production processes contain automatic-cutting, automatic grinding, laser welding etc. The final processes of acid cleaning&deactivation and electric chemical polishing, removes the burrs and brightens the appearance of the tube's inner&outer surface.
- The disposable dental needle is used to clean a certain part in the dental operation. There are two kinds of tip design—single-side hole& double-side holes. Single-side hole is designed to reduce the spraying pressure to the root of tooth from the tip. Double-side holes can irrigate roundly by spinning.
- The customized needle is available. Normal size scope: OD:30G-16G (0.3mm 1.6mm), length: 8 120mm.
- Packing: Individual blister package&Bulk package.

# 一次性使用侧孔钝针 Disposable Blunt Needle With Side Hole



#### 产品特点

- ●针尖型式分为三种:密闭圆弧式侧孔双斜面针尖、密闭圆弧式侧孔针尖和锥形带刃口,针管有直式和弯曲两种。
- ●产品用于美容手术中注射玻尿酸、胶原蛋白等填充剂; 独特的侧孔设计,注射时药物抵达密闭顶部后回流,形成水滴 状均匀渗入手术部位。
- ●密闭圆弧状双斜面结构,减少穿刺阻力,从而顺利穿刺到指定部位,准确注射。同时最大限度避免在注射穿刺时对人体组织,血管,神经等非预期伤害,降低了手术风险;
  - ●针座处设计了侧孔方向识别标示,方便医护人员临床操作。
  - ●带针规格可根据客户要求定制生产。常用的规格范围为:
- OD: 30G-16G (0.3mm 1.6mm), 长度: 8 120mm.
  - ●包装方式:单支吸塑包装,散装。

- There are three kinds of the tip types, Sealed-circle with 2 side holes, sealed-circle single side hole and conical tip with cutting edge, the tube have straight and curve type.
- Product is used to inject the filler such as hyaluronic acid and collagen protein into body in the cosmetology operation. The medicine will flow back flowing and form water-drop shape after reaching the sealed tip and then transfer to the operation spot.
- The structure of sealed-circle with two grinding bevels is designed to reduce the piercing resistance to reach the operation spot easily, making the injection precisely. Moreover, this structure avoids the unexpected harm utmostly of cutting the tissues, blood vessel, nerve during the process of piercing, and the operation risks are reduced.
- The direction of the side hole is marked in the hub to help the operators identify easily.
- The customized needle is available. Normal size scope: OD:30G-16G (0.3mm 1.6mm), length: 8 120mm.
- Packing: Individual blister package&Bulk package.

# 一次性使用无菌注射器

## **Disposable Syringe**







#### 产品特点

- ●针外套采用高透明聚丙烯材料,外观通亮光洁;产品零配件注塑及组装工艺采用全自动生产设备进行,有效避免生产过程中人员污染,生产过程得到严密的监控和保障;
- ●胶塞有合成橡胶及天然橡胶可供选择。胶塞与外套采用过 赢设计,润滑油采用医用级硅油,产品具有良好的密封性能的同 时具有良好的滑动性能。
  - ●包装方式:单支吸塑包装,单支PE包装,散装。

- The barrel is made from high transparent polypropylene(PP), which has a bright and transparent appearance. The injection molding process injection and assembling process are all implemented by full-automatic machine to avoid the personnel contamination. The production processes are under controlled strictly and the quality is guaranteed.
- Two kinds of material options of piston: synthetic rubber and nature rubber. Suitable tolerance of the fitting between barrel and piston, and the medical grade silicon is used as lubricating oil, which makes the syringe have great sealing and gliding function.
- Packing: Individual blister package, individual PE bag package &Bulk package.

规格 Size	锥头类型	Nipple Type	推杆类型 Plunger Type		
7%/恰 Size	螺口 Luer Lock	直口 Luer Slip	可折断 Breakable	不可折断 Unbreakable	
1 ML/CC	$\checkmark$	$\checkmark$	/	V	
2(3) ML/CC	$\checkmark$	/	$\checkmark$	$\checkmark$	
5(6) ML/CC	$\checkmark$	/	$\checkmark$	$\checkmark$	
10(12) ML/CC	$\checkmark$	/	V	$\checkmark$	
20(25) ML/CC	V	/	1	$\checkmark$	
30(35) ML/CC	$\checkmark$	/	/	$\checkmark$	
50(60) ML/CC	$\checkmark$	/	1	$\checkmark$	
"100mL(冲洗器)Irrigation Catheter"	1	$\checkmark$	1	$\checkmark$	