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ZHEJIANG ZHONGGUI MEDICAL

Modular Dual Mobility

Design Concept and Advantages



Bionics: It is a scientific method that imitates the functionsand behaviors of biological systems to create technological systems. The dual mobility system is an artificialjoint prosthesisdesigned and manufactured following the physiological shapeof the human hip joint.Dual Mobility Surface:

1. Surface between the femoral head and polyethylene liner;
2. Surface between metal cup(cemented type)/metal liner(cementless type) andpolyethylene liner.

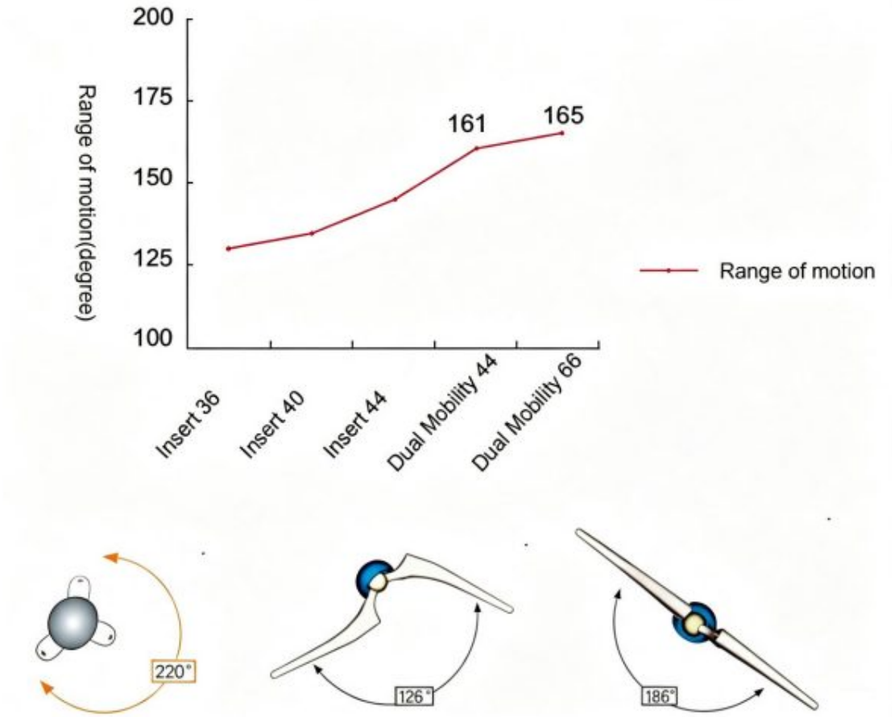
Primary motion occurs at the inner bearing while the outer bearing moves in cases of extreme range of motion, which may minimize wear, reduce frictional torque, and increase stability



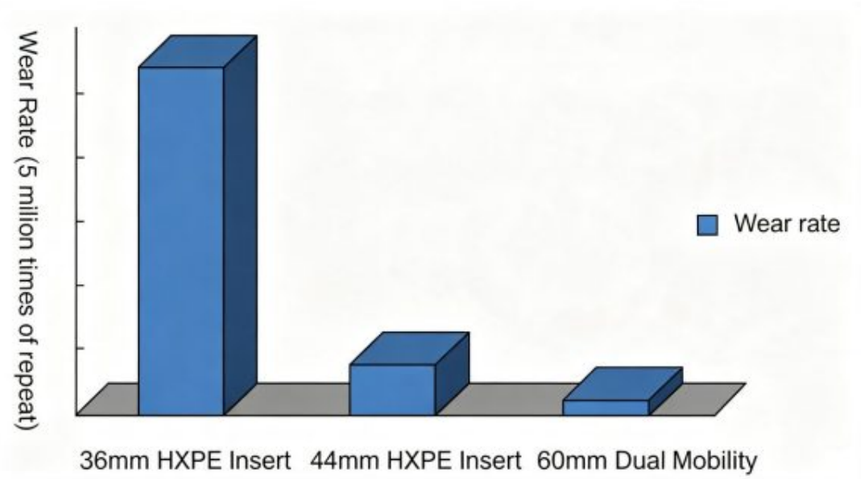
Range of Motion

Studies proved that the design of modular dual mobility ensures a larger contact surface between the poly liner and the metal cup. The sliding between the polyethylene liner and the metal cup/liner reduces the constraints on the motion,and expands the patient's range of motion .

The superiority of the dual mobility design and the good abrasion resistance of the polyethylene liner.



Ultra-Low Wear Rate Verified in Laboratory and Clinical Practice



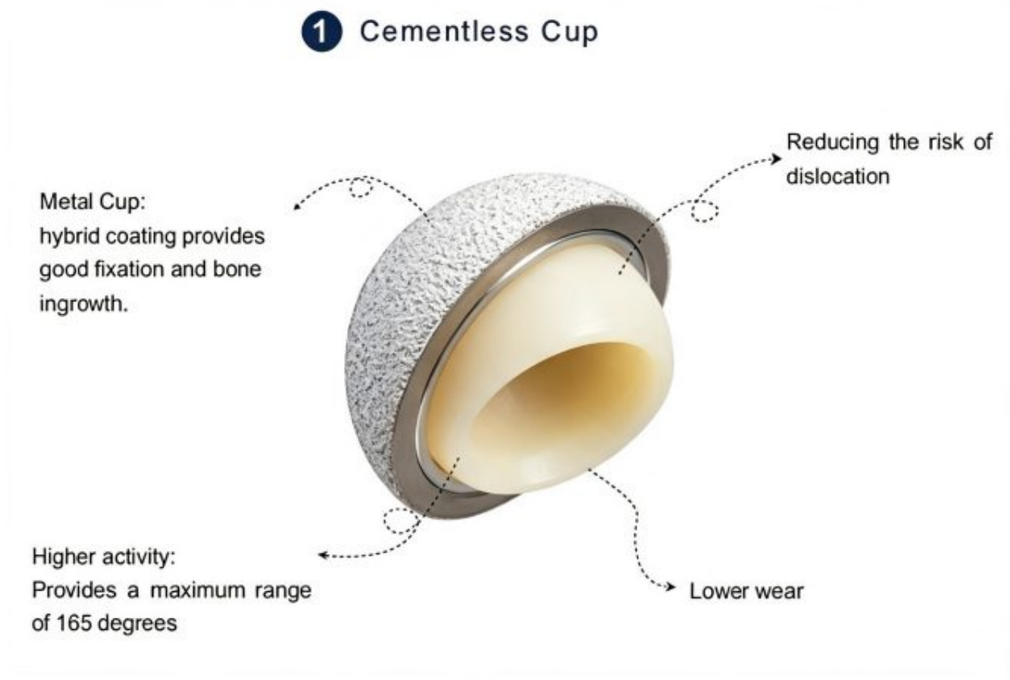
Compared with 36mm HXPE liner, the wear is reduced by 95%;
Compared with 44mm HXPE liner, the wear is reduced by 65%

The wear of acetabular prosthesis between metal cup and fixed polyethylene liner was (0.19 mm / year ~ 0.25 mm / year according to Literature),

The wear of modular dual mobility between the liner and the outer metal cup is minimal (0.007mm / year).

The degree of wear was not related to the patient's weight, but to his activity and age

Presentation of Modular Dual Mobility



The Specification (Unit:mm)														
Outer Cup	46	48	50	52	54	56	58	60	62	64	66	68	70	72
Metal Liner	40	42	44		48		52		54		58		60	
PE Liner	46	48	50		54		58		62		66		70	
Head	22				28									



Metal Liner:

"CoCrMo Alloy" has high strength and wear resistance, reducing the generation of wear particles.

Metal Cup:

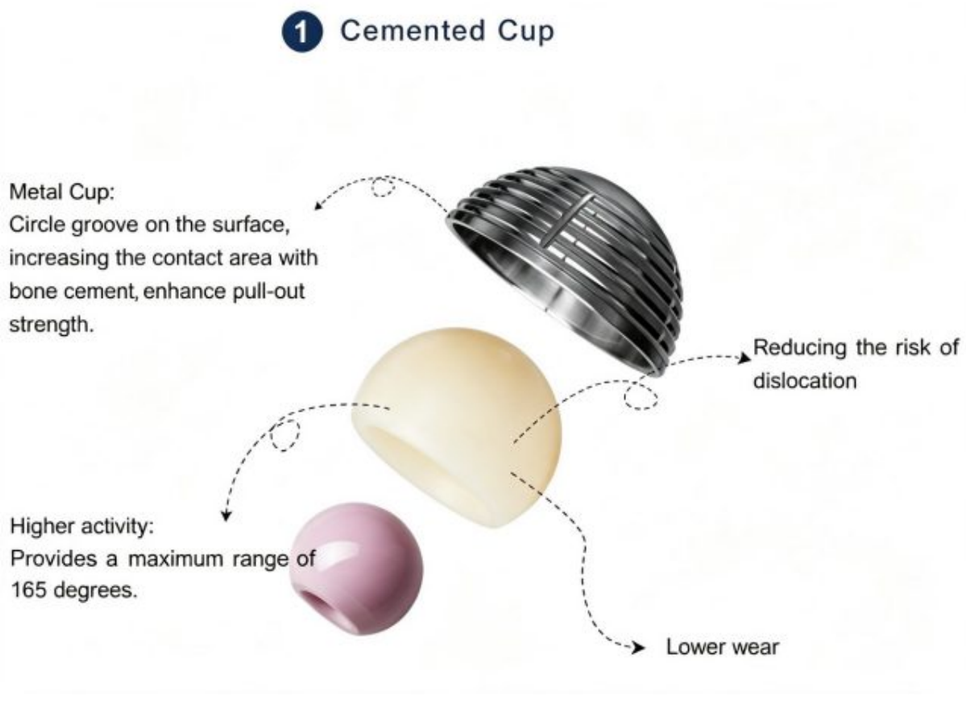
"Titanium alloy " has a good bone compatibility, and reduces "stress shielding".



Locking Methods: 1.TaperPress Fit 2.Triangular Stable Locking Device



Presentation of Modular Dual Mobility



The Specification					(Unit:mm)				
Metal Cup	38	40	42	44	48	52	54	58	60
PE Liner	44	46	48	50	54	58	62	66	70
Head	22				28				

High stability: prevent dislocation and loosening of prosthesis;Ultra low wear rate;

Great range of motion;

Shorter hospital stay, more convenient renovation;

Higher quality of life after surgery.



Preoperative



Postoperative

CATALOG
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SYRINGES FOR SINGLE USE THREE PARTS
一次性使用注射器三件式



PRODUCT CHARACTERISTICS
产品特点

1. The syringe barrel is made of medical grade high transparent polypropylene material, which is helpful to observe the liquid scale in clinical use.
2. Printing ink adhesion is strong, graduation is clear and does not fade.
3. Double seal design of piston, tightly contact with the wall of barrel, leaving no gap, little residual liquid after injection.
4. The inner surface of the syringe is silicified by imported medical grade silicide solution, and the sliding performance of the syringe is good. Excellent biocompatibility of silicide solution and liquid medicine.
5. The plunger matches well with the barrel, and the barrel is designed to prevent the plunger from falling off accidentally.
6. Needle specification is optional according to customer requirements.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
S01S**** / S01L****	1ml	Three Part	Luer Slip / Luer Lock	100Pcs*36Boxes	58*39*53cm
S02S**** / S02L****	2ml	Three Part	Luer Slip / Luer Lock	100Pcs*24Boxes	58*42*46cm
S25S**** / S25L****	2.5ml	Three Part	Luer Slip / Luer Lock	100Pcs*24Boxes	58*42*46cm
S03S**** / S03L****	3ml	Three Part	Luer Slip / Luer Lock	100Pcs*24Boxes	58*42*46cm
S05S**** / S05L****	5ml	Three Part	Luer Slip / Luer Lock	100Pcs*18Boxes	58*42*46cm
S10S**** / S10L****	10ml	Three Part	Luer Slip / Luer Lock	100Pcs*12Boxes	58*42*44cm
S20S**** / S20L****	20ml	Three Part	Luer Slip / Luer Lock	100Pcs*8Boxes	44*42*59cm
S30S**** / S30L****	30ml	Three Part	Luer Slip / Luer Lock	60Pcs*9Boxes	58*42*44cm
S50S**** / S50L****	50ml	Three Part	Luer Slip / Luer Lock	30Pcs*12Boxes	61*42*43cm
S60S**** / S60L****	60ml	Three Part	Luer Slip / Luer Lock	30Pcs*12Boxes	61*42*43cm
S100L****	100ml	Three Part	Luer Lock	25Pcs*8Boxes	58*44*46cm

AUTO DISABLE SYRINGE FOR SINGLE USE
一次性使用自毁注射器



PRODUCT CHARACTERISTICS
产品特点

1.The unique self-destruction structure of the product is invented firstly in the industry, which ensures the self-destruction is safe and effective.
2.The product only adds a small part compared with the ordinary syringe, it can realize automatic assembly with the lowest cost.
3.Easy to use ,basically the same as that of the normal syringe.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
SD005S****	0.5ml	Three Part	Luer Slip	100Pcs*36Boxes	58*39*59cm
SD01S****	1ml	Three Part	Luer Slip	100Pcs*36Boxes	58*39*59cm
SD02L****	2ml	Three Part	Luer Lock	100Pcs*24Boxes	58*42*44cm
SD25L****	2.5ml	Three Part	Luer Lock	100Pcs*24Boxes	58*42*44cm
SD03L****	3ml	Three Part	Luer Lock	100Pcs*24Boxes	58*42*44cm
SD05L****	5ml	Three Part	Luer Lock	100Pcs*18Boxes	59*41*47cm
SD10L****	10ml	Three Part	Luer Lock	100Pcs*12Boxes	61.5*43*43cm

SYRINGES
注射器类

AUTO DISABLE SYRINGE FOR SINGLE USE WITH FIXED NEEDLE
一次性使用自毁注射器带固定针



PRODUCT CHARACTERISTICS
产品特点

1.After the predetermined fixed-dose vaccine is injected, the self-destruct feature will automatically take effect.
2.The needle and the barrel are designed integrated, no residual liquid after injection.
3. The needle cannula is made of imported steel from Japan and fully automatic needle grinding equipment from Korea. The needle cannula has a large inner diameter and high flow, which can ensure that the needle tip is sharp and reduce the pain of the patient.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Needle Size	Package	Carton Size
SD005F3010	0.05ml	Three Part	Fixed Needle	30G*3/8	100Pcs* 20Boxes	43*43*58cm
SD01F3013	0.1ml	Three Part	Fixed Needle	30G*1/2	100Pcs* 20Boxes	43*43*58cm
SD05F2525	0.5ml	Three Part	Fixed Needle	25G*1	100Pcs*20Boxes	43*43*58cm
SD10F2325	1ml	Three Part	Fixed Needle	23G*1	100Pcs*30Boxes	55*39*54cm

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SYRINGES FOR SINGLE USE TWO PARTS
一次性使用注射器二件式



PRODUCT CHARACTERISTICS
产品特点

1.The syringe barrel is made of medical grade high transparent polypropylene material, which is helpful to observe the liquid scale in clinical use.
2.Printing ink adhesion is strong, graduation is clear and does not fade.
3.The plunger is tightly contact with the wall of barrel, leaving no gap, little residual liquid after injection.
4.The sliding force of the two-piece syringe is smaller, which can avoid allergies reactions from natural rubber;
5.Needle specification is optional according to customer requirements.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
ST02S****	2ml	Two Part	Luer Slip	100Pcs*24Boxes	58*38*46cm
ST05S****	5ml	Two Part	Luer Slip	100Pcs*18Boxes	58*38*46cm
ST10S****	10ml	Two Part	Luer Slip	100Pcs*12Boxes	58*38*46cm
ST20S****	20ml	Two Part	Luer Slip	90Pcs*8Boxes	58*46*40cm

LIGHTPROOF SYRINGE FOR SINGLE USE
一次性使用避光注射器



PRODUCT CHARACTERISTICS
产品特点

1.The necessity of lightproof for light-sensitive drugs: ultraviolet light can accelerate the oxidation of drugs, and can cause photodegradation reactions to some drugs, which not only reduces the efficacy of drugs, but also can make drugs change color and precipitate, seriously affect the quality of drugs, and even increase the toxicity of drugs, and endanger patients. Therefore, photosensitive drugs need to be infused in the dark.
2.Excellent lightproof effect to ensure safe infusion: imported lightproof agent is adopted, and the lightproof rate of the light proof barrel is ⩾ 90%

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
SL05S****	5ml	Three Part	Luer Slip	100Pcs*18Boxes	58*42*46cm
SL10S****	10ml	Three Part	Luer Slip	100Pcs*12Boxes	58*42*44cm
SL20L****	20ml	Three Part	Luer Lock	100Pcs*8Boxes	44*42*59cm
SL50L****	50ml	Three Part	Luer Lock	45Pcs*8Boxes	61*42*43cm
SL60L****	60ml	Three Part	Luer Lock	45Pcs*8Boxes	61*42*43cm

AUTO-DISABLE SAFETY SYRINGE
一次性使用安全式注射器





PRODUCT CHARACTERISTICS
产品特点

1. Adding anti-acupuncture safety caps to prevent cross-infection and stabbing risks and ensure the safety of operators.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Needle Specs	Package	Carton Size
SS01S2525	1ml	Three Part	Luer Slip	25G*1	100Pcs*20Boxes	63*42*44cm
SS03S2330	3ml	Three Part	Luer Slip	23G*11/4	100Pcs*20Boxes	63*42*54cm
SS05S2240	5ml	Three Part	Luer Slip	22G*11/2	100Pcs*16Boxes	63*42*51cm
SS10S2140	10ml	Three Part	Luer Slip	21G*11/2	100Pcs*12Boxes	67*42*54cm
SS01L2713	1ml	Three Part	Luer Lock	27G*1/2	100Pcs*20Boxes	63*42*44cm
SS03L2325	3ml	Three Part	Luer Lock	23G*1	100Pcs*20Boxes	63*42*54cm
SS05L2125	5ml	Three Part	Luer Lock	21G*1	100Pcs*16Boxes	63*42*51cm
SS10L2140	10ml	Three Part	Luer Lock	21G*11/2	100Pcs*12Boxes	67*42*54cm

SYRINGES
注射器类

INSULIN SYRINGE FOR SINGLE USE
一次性使用胰岛素注射器



PRODUCT CHARACTERISTICS
产品特点

1.Transparent barrel, easy to observe the liquid level and bubbles.
2.Well sealed products and does not leak.
3.Scale ink adhesion is strong, does not fall off.
4.Small and fine needle tip configuration to achieve painless injection and reduce users' fear.
5.Integrated structure, very little residual drug solution, ensure the accuracy of drug giving.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
SI03F****	0.3ml	Three Part	Fixed Needle	100Pcs* 36Boxes	58*51*44cm
SI05F****	0.5ml	Three Part	Fixed Needle	100Pcs* 36Boxes	58*51*44cm
SI10F****	1ml	Three Part	Fixed Needle	100Pcs* 36Boxes	58*51*44cm
SI10R****	1ml	Three Part	Luer Slip	100Pcs*36Boxes	58*39*53cm

SYRINGE WITH CATHETER TIP
冲洗器



PRODUCT CHARACTERISTICS
产品特点

1.The syringe barrel is made of medical grade high transparent polypropylene material, which is helpful to observe the liquid scale in clinical use.
2. Printing ink adhesion is strong, graduation is clear and does not fade.
3. double seal design of piston, tightly contact with the wall of barrel , leaving no gap.
4. the inner surface of the syringe is desalinated by imported medical grade silicide solution, and the sliding performance of the syringe is good. Excellent biocompatibility of silicide solution and liquid medicine.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
SC50	50ml	Three Part	Catheter Tip	50Pcs*8Boxes	56*42*56cm
SC60	60ml	Three Part	Catheter Tip	50Pcs*8Boxes	56*42*56cm

HIGH-PRESSURE ANGIOGRAPHIC SYRINGES
高压造影注射器



PRODUCT CHARACTERISTICS
产品特点

1. Medical grade high transparency material is adopted to manufacture the barrel of high-pressure angiographic syringes, the product appearance is high transparency, easy to observe the liquid of the drug.
2.Excellent pressure resistance. The maximum pressure resistance of CT-100-RN and CT-200-AK is 250psi; the maximum pressure resistance of CT-100-MM and CT-200-DM is 300psl, which can hold for 30s.
3. Suitable for mainstream high-pressure injection equipment at home and abroad.
4. The high-pressure connecting tube has excellent temperature resistance and pressure resistance, and the tube deformation is small, which improves the clinical work efficiency. Rotating connectors make operation flexible and convenient and meet the needs of complex clinical applications; Optional accessories are double-connectors and anti-reflux valve.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Luer Model	Package	Carton Size
SH100RN	100ml	CT-100-RN	Luer Lock	25Pcs*2Boxes	61*40*41.5cm
SH200RN	200ml	CT-200-RN	Luer Lock		
SH200MM	200ml	CT-200-MM	Luer Lock		
SH200DM	200ml	CT-200-DM	Luer Lock		
SH200AK	200ml	CT-200-AK	Luer Lock		
Notes: In the above chart, all the high-pressure angiographic syringes are single used, it can be equipped with double syringes based on the use of medical institutions. The package of double syringes is 10Pcs*2Boxes.					

TRANSFUSION SETS FOR SINGLE USE
一次性使用输血器



A-010



A-01Z



B-100



B-05Z

PRODUCT CHARACTERISTICS
产品特点

1.The mesh of the blood filter is uniform, and it can effectively filtrate the particles in blood.
2.It can be equipped with air vent for clinical selection.
3.It can be composed of different components to facilitate different clinical usage habits

BURETTE-TYPE INFUSION SETS FOR SINGLE USE
一次性使用滴定管式输液器



DS3100LW



DH3100SW



DS3150LW



DH3150SW

PRODUCT CHARACTERISTICS
产品特点

1.Quantitative infusion is more suitable for infants, children and special patients.
2.It is suitable for clinical infusion of a bottle of liquid in two or more times, or it is necessary to master the amount of liquid injected at one time.
3. It is easy to use, safe and reliable, and can effectively avoid patients from cross infection.
4. Graduation printing is clear, and the scale error is less than 5%.
5.It is with liquid stop function and can prevent air entering into the long tubing.

INFUSION SETS FOR SINGLE USE
一次性使用输液器



B101L



B101S



B302LW



B516LW



B602S



B503LS



B211S



B316S-60



B303LR-60



BL102L



B303SRPN



B103SRP

INFUSION(TRANSFUSION)SETS
输液输血器类

OPTIONAL COMPONENTS
可选配件



PRODUCT CHARACTERISTICS
产品特点

1.The spike has various structure types, which is suitable for different clinical needs and convenient for clinical use.
2.Various components are optional to facilitate clinical use.
3.Various raw material is optional for different situations.
4.The tubes are soft and transparent, which makes it easy to observe.

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EXTENSION TUBE FOR SINGLE USE
一次性使用延长管



GL36



G33



G31



G39

PRODUCT CHARACTERISTICS
产品特点

1.A variety of structural types, and structure can be customized.
2.Tubing length can be customized.
3.The product can be connected with various connectors.
4.The product can be made from different raw materials for different clinical situations.

NUTRITION INFUSION SET
营养输液器



N01



N11



N15



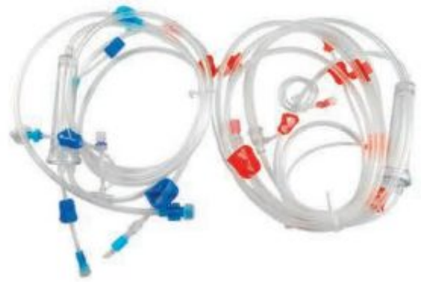
N31

N21

PRODUCT CHARACTERISTICS
产品特点

1.Gravity feed.
2.Big connector with cap.
3.Latex-free and DEHP free available.
4.PE package or Blister package.
5.Different models and specification to meet different clinic requirements.

BLOOD TUBING SET FOR HEMODIALYSIS
一次性使用透析管路





PRODUCT CHARACTERISTICS
产品特点

1.Using medical grade material with good biocompatibility, good elasticity, no knotting, no deformation.
2.Medical high precision extrusion machine and special mould are used, which can make the tubes smooth and reduce the damage to human red cells.
3.Different sizes and structures are available. It can be used with the different hemodialysis equipment at home and abroad and can be equipped with different accessories to meet the requirements of clinical treatments.
4.Pump tubes are with good fatigue resistance. It can keep shape for more than 10hours or more squeezing.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Pump Tube/Venous Chamber	Sterilization Method	Package	Carton Size
20A-******-P**	20-A	8x12 or 6.3x9.8mm/ 20mm	EO/Gamma	30pcs	60*44.5*28.5cm
20B-******-P**	20-B	8x12 or 6.3x9.8mm/ 20mm	EO/Gamma	30pcs	60*44.5*28.5cm
22A-******-P**	22-A	8x12 or 6.3x9.8mm/ 22mm	EO/Gamma	30pcs	60*44.5*28.5cm
22B-******-P**	22-B	8x12 or 6.3x9.8mm/ 22mm	EO/Gamma	30pcs	60*44.5*28.5cm
30A-******-P**	30-A	8x12 or 6.3x9.8mm/ 30mm	EO/Gamma	30pcs	60*44.5*28.5cm
30B-******-P**	30-B	8x12 or 6.3x9.8mm/ 30mm	EO/Gamma	30pcs	60*44.5*28.5cm

HOLLOW FIBER HEMODIALYZER
透析器





PRODUCT CHARACTERISTICS
产品特点

1. Polyethersulfone membrane(PES).
2. Excellent biocompatibility.
3. Sieving Enhancement Technology(S.E.T.).
4. Surface Active Treatment Technology(A.S.M.).
5. Performance Enhancement Technology(P.E.T.).
6. Excellent cleaning performance.
7. Efficient ultrafiltration performance.
8. Sterilized by gamma radiation.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Material	Ref. No.	Model	Material	Package	Carton Size
10H-C/10H-P	HD-10H	PC/PP	10L-C/10L-P	HD-10L	PC/PP	30Pcs	39.5*33.5*35.5cm
11H-C/11H-P	HD-11H	PC/PP	11L-C/11L-P	HD-11L	PC/PP	30Pcs	39.5*33.5*35.5cm
12H-C/12H-P	HD-12H	PC/PP	12L-C/12L-P	HD-12L	PC/PP	30Pcs	39.5*33.5*35.5cm
13H-C/13H-P	HD-13H	PC/PP	13L-C/13L-P	HD-13L	PC/PP	30Pcs	39.5*33.5*35.5cm
14H-C/14H-P	HD-14H	PC/PP	14L-C/14L-P	HD-14L	PC/PP	30Pcs	39.5*33.5*35.5cm
15H-C/15H-P	HD-15H	PC/PP	15L-C/15L-P	HD-15L	PC/PP	30Pcs	39.5*33.5*35.5cm
16H-C/16H-P	HD-16H	PC/PP	16L-C/16L-P	HD-16L	PC/PP	30Pcs	39.5*33.5*35.5cm
17H-C/17H-P	HD-17H	PC/PP	17L-C/17L-P	HD-17L	PC/PP	30Pcs	39.5*33.5*35.5cm
18H-C/18H-P	HD-18H	PC/PP	18L-C/18L-P	HD-18L	PC/PP	30Pcs	39.5*33.5*35.5cm
19H-C/19H-P	HD-19H	PC/PP	19L-C/19L-P	HD-19L	PC/PP	30Pcs	40*33.5*37cm
20H-C/20H-P	HD-20H	PC/PP	20L-C/20L-P	HD-20L	PC/PP	30Pcs	40*33.5*37cm
21H-C/21H-P	HD-21H	PC/PP	21L-C/21L-P	HD-21L	PC/PP	30Pcs	40*33.5*37cm
22H-C/22H-P	HD-22H	PC/PP	22L-C/22L-P	HD-22L	PC/PP	30Pcs	40*33.5*37cm

HEMODIALYSIS PRODUCTS
透析类产品

BASIC PARAMETERS OF LOW FLUX
低通基本参数

QB（mL/min）	200/300/400	200/300/400	200/300/400	200/300/400	Ultrafiltration Rate (mL/hr)	Blood volume (mL)	Effective Membrane area（㎡）
Item	The Clearance Rate						
Model	Urea	Creatinine	Phosphate	Vitamin B12			
HD-10L	175/212/238	155/188/202	130/152/162	78/83/99	400	70	1.0
HD-12L	180/227/255	168/206/228	141/165/188	88/92/112	450	78	1.2
HD-13L	183/234/265	171/212/236	145/170/200	95/108/120	500	79	1.3
HD-14L	186/238/270	175/215/241	149/175/205	97/110/121	550	85	1.4
HD-15L	186/241/275	176/221/248	150/188/220	99/112/125	600	87	1.5
HD-16L	188/245/279	178/224/251	155/190/222	100/115/130	600	91	1.6
HD-17L	189/248/284	180/229/258	162/195/230	108/126/138	800	100	1.7
HD-18L	190/250/288	181/230/260	164/195/232	110/130/140	800	103	1.8
HD-19L	191/253/292	184/236/268	166/200/246	115/132/145	850	109	1.9
HD-20L	192/255/297	187/236/268	175/202/247	118/134/145	850	113	2.0
HD-21L	193/256/298	188/238/270	176/204/248	120/136/146	900	117	2.1
HD-22L	194/257/299	188/240/272	176/206/250	121/137/147	950	119	2.2
Test conditions	QD=500mL/min,QF=10mL/min				QB=300mL/min	/	/

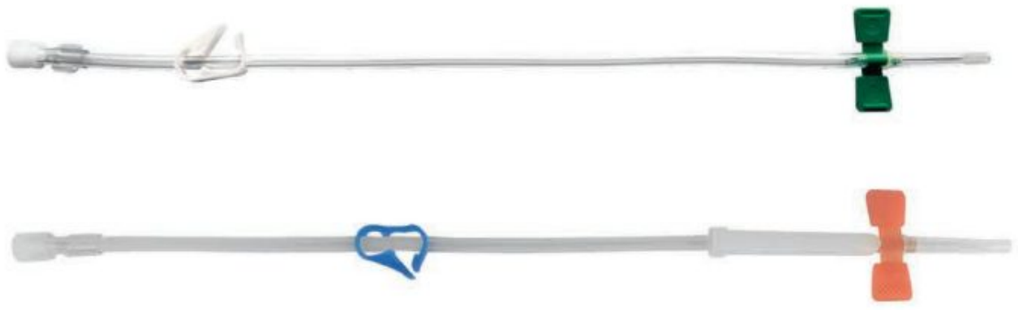
BASIC PARAMETERS OF HIGH FLUX
高通基本参数

QB (mL/min)	200/300/400	200/300/400	200/300/400	200/300/400	Ultrafiltration Rate (mL/hr/mmHg)	Blood volume (mL)	Effective Membrane area（㎡）
Item	The Clearance Rate						
Model	Urea	Creatinine	Phosphate	Vitamin B12			
HD-10H	172/236/288	155/199/253	150/192/232	125/147/148	52	70	1.0
HD-12H	188/255/308	179/228/273	170/211/251	143/162/170	57	74	1.2
HD-13H	193/260/310	181/235/280	173/220/260	147/170/180	62	76	1.3
HD-14H	194/265/313	183/239/286	175/224/262	150/172/184	62	82	1.4
HD-15H	195/267/320	185/250/295	181/235/265	155/175/190	71	88	1.5
HD-16H	196/270/326	187/255/300	183/239/268	158/180/195	73	95	1.6
HD-17H	197/275/330	190/260/305	185/250/285	165/195/200	78	98	1.7
HD-18H	198/277/335	192/265/310	188/255/290	170/200/205	80	104	1.8
HD-19H	198/280/340	195/270/317	190/262/297	175/208/212	84	110	1.9
HD-20H	200/285/345	199/274/322	198/270/301	180/212/221	84	114	2.0
HD-21H	200/286/346	199/276/324	198/272/302	180/214/222	86	118	2.1
HD-22H	200/288/348	199/278/328	198/274/305	181/216/225	88	120	2.2
Test conditions	QD=500mL/min,QF=10mL/min				QB=300mL/min	/	/

Screening coefficient S.C.Test conditions: QB=200mL/min,QF=30mL/min, ,inulin: 0.9, β2--microglobulin:0.7, Myoglobin:0..55, Albumin<0.01.In clinical application, the results maybe slightly different due to the use of different ultrafiltration methods.

ZHEJIANG ZHONGGUI MEDICAL

A.V.FISTULA NEEDLE FOR SINGLE USE
一次性使用动静脉穿刺针



PRODUCT CHARACTERISTICS
产品特点

1. The product models and specifications are complete, including 1.4 (17G), 1.6 (16G), 1.8 (15G) and 2.1 (14G);
2. Adopt high elastic medical grade materials with good elasticity. The inner wall of the tubing is smooth, without burr and depression;
3. Adopt high-quality Japanese imported needles and ultra-thin double-curved sharp needle tips to reduce tissue damage and pain;
4. Fine and uniform silicification treatment, good biocompatibility and less puncture needles;
5. Ergonomic clamp design make operation simple and convenient.
6. The anti-slip wing design with concave-convex buckle is more in line with clinical use.
7. Safety A.V. fistula needle: Protective caps can effectively prevent from being punctured by the needles, avoid blood contamination and protect clinical users.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification		Wing Type	Colour	Package	Carton Size
A14R/A14F	14G	2.1	Rotating/Fixed	Purple	50Pcs*10Boxes	60*44.5*28.5cm
A15R/A15F	15G	1.8	Rotating/Fixed	Yellow	50Pcs*10Boxes	60*44.5*28.5cm
A16R/A16F	16G	1.6	Rotating/Fixed	Green	50Pcs*10Boxes	60*44.5*28.5cm
A17R/A17F	17G	1.4	Rotating/Fixed	orange	50Pcs*10Boxes	60*44.5*28.5cm

HEMODIALYSIS PRODUCTS
透析类产品

STERILE DIALYSIS NURSING KIT
无菌透析护理包



1. The product models are complete, which can meet the nursing needs of patients for internal fistula puncture and catheter in blood purification treatment.
2. Optional tweezers are clamped tightly to prevent materials from falling off;
3. Optional dressing is comfortable and breathable, rounded corner design, not easy to curl;
4. Optional protective cap, which meets the requirements of GB/T 1962.2 standard; Good sealing performance.
5. Optional iodophor cotton balls, iodophor gauze disinfection pack adopts aluminum foil packaging, to effectively ensure iodine content.
6. Waste collection box is fully sealed and protected to avoid needle stabbing injury.
7. Examination gloves with independent R&D and many years of production experience, imported latex, anti-acid and alkali corrosion; Easy to wear.
8. Anti-allergic dialysis tape is widened and lengthened, designed in strips, easy to operate.
9. The off-machine package is packaged independently to meet the requirements of sterile off-machine nursing operation.

SUBSTITUTION LINE SYSTEM
置换液管路



DIALYSIS DRY POWDER
透析粉



HEMODIALYSIS CONCENTRATES
透析浓缩液



DISPOSABLE HEMODIALYSIS CATHETER KITS
一次性使用透析导管包

PRODUCT CHARACTERISTICS
产品特点

1.Catheters made of high quality TPU and transparent silicone extension tube.
2.Single lumen, double lumen and triple lumen are available.
3.Pre-curved catheter, straight catheter and curved extension tube are available.
4.Excellent quality Nitinol guidewire or stainless steel guidewire.
5.Excellent radiopacity of the catheter makes it easier and safer for cooperation.
6.Soft tube tip provides less harm to the vessel, makes it easier to enter into the puncture point.
7.The transparent extension tubes with detachable clamps and printed marks allow to maintain the catheter away from the insertion site, reduce the risk of air embolism.



CONTENTS
内容

	Components	Quantity
Essential	Hemodialysis Catheter	1
	Guidewire (Nitinol or Stainless Steel)	1
	Tissue Dilator	1
	Scalpel	1
	Introducer Needle/Y-Shape Needle	1
	Guidewire Introducer Syringe	1
	Syringe with Needle	1/2
	Heparin cap	1/2/3
	Catheter Clamp	1
	Extension Line Clamp	1/2/3
Optional	Gauze Pad	2
	Prep Sponge Swab	3
	Silk Suture with Straight (Bended) Needle	2
	Infusion Dressings	1
	Dressings	1
	Fenestrated Drape	1
	Small Drape	1
	Middle Drape	1
	Gloves	2

HEMODIALYSIS PRODUCTS
透析类产品

DISPOSABLE CENTRAL VENOUS CATHETER KIT
一次性使用中心静脉导管包

PRODUCT CHARACTERISTICS
产品特点

1.Catheters made of high quality TPU.
2.Single lumen, double lumen, triple lumen and quad lumen are available.
3.Excellent quality Nitinol guidewire or stainless steel guidewire.
4.Excellent radiopacity of the catheter makes it easier and safer for cooperation.
5.Soft tube tip provides less harm to the vessel, makes it easier to enter into the puncture point.
6.The patented design of the connector makes it smooth and firm, effectively preventing the product from infection, leakage and shedding.
7.The transparent extension tubes with detachable clamps and printed marks allow to maintain the catheter away from the insertion site, reduce the risk of air embolism.



CONTENTS
内容

	Components	Quantity
Essential	Central Venous Catheter	1
	Guidewire (Nitinol or Stainless Steel)	1
	Tissue Dilator	1
	Scalpel	1
	Introducer Needle/Y-Shape Needle	1
	Guidewire Introducer Syringe	1
	Syringe with Needle	1/2
	Heparin cap	1/2/3
	Catheter Clamp	1
	Extension Line Clamp	1/2/3
Optional	Gauze Pad	2
	Prep Sponge Swab	3
	Silk Suture with Straight (Bended) Needle	2
	Infusion Dressings	1
	Dressings	1
	Fenestrated Drape	1
	Small Drape	1
	Middle Drape	1
	Gloves	2

ZHEJIANG ZHONGGUI MEDICAL

SCALP VEIN SET FOR SINGLE USE
一次性使用输液针



Ref. No:NS**S



Ref. No:NS**L



Ref. No:NSS**L

PRODUCT CHARACTERISTICS
产品特点

1．The needle cannula is made of stainless steel SU304 material, treated with special surface coating and silicone oil imported from South Korea. The sharp needle tip makes it easier to puncture skin tissue with less pain and less tissue damage.
2．The flow rate of needle cannula is about 10% higher than it in the same industry.
3．The color of needle handle is easy to be identified.
4．Two types of wing, single wing and butterfly wings.
5．Safety Scalp Vein Set for Single Use: Protective caps can effectively prevent from being punctured by the needles, avoid blood contamination and protect clinical users.

PRODUCT SPECIFICATION
产品规格

Ref. No. (Luer Slip)	Ref. No. (Luer Lock)	Ref. No. (Safety)	Specification		Color
NS27S	NS27L	NSS27L	0.41	27G	Grey
NS26S	NS26L	NSS26L	0.45	26G	Brown
NS25S	NS25L	NSS25L	0.51	25G	Orange
NS24S	NS24L	NSS24L	0.56	24G	Purple
NS23S	NS23L	NSS23L	0.63	23G	Blue
NS22S	NS22L	NSS22L	0.71	22G	Black
NS21S	NS21L	NSS21L	0.82	21G	Green
NS20S	NS20L	NSS20L	0.9	20G	Yellow
NS19S	NS19L	NSS19L	1.08	19G	Milk White
NS18S	NS18L	NSS18L	1.28	18G	Pink
Package: 100Pcs*20Boxes Carton Size: 56*37*28cm, 58*48*32cm(Safety)					

PUNCTURE SETS
穿刺类产品

STERILE NEEDLES FOR SINGLE USE
一次性使用无菌注射针



Ref.No:NH****



Ref.No:NHS****

PRODUCT CHARACTERISTICS
产品特点

1. The tip of the thin-walled needle is made of SU304 material and processed by special surface coating. The tip of the needle is sharp, which makes it easier to puncture the skin tissue, with less pain and less tissue damage;
2．The inner diameter of the needle is large and the flow is high;
3. The needle base is translucent, which is easy to observe the blood return;
4. Needle seat colors meet identification specifications, which is easy to distinguish the use;
5．special specifications of the injection needle are customized,
6. Imported steel from Japan is used, needle tubes is produced by automatic needle grinding process from Korea, automatic assembly production process and imported silicification liquid is used to silicify the surface of the needle tube; From the material to the production process, it ensure the needle tip is sharp, which greatly reduce the pain of the patient or the strength of the puncture.
7.Sterile Safety Needles for Single Use prevent cross-infection and stabbing risks, and luer type connector and detachable design make it matched with any sizes of syringes.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Ref. No.(Safety)	Specification		Colour	Package	Carton Size
NH30**	NHS30**	0.3	30G	Light Yellow	100Pcs*100Boxes 50Pcs*100Boxes(Safety)	45*40*46cm 58*42*46cm(Safety)
NH29**	NHS29**	0.33	29G	Red		
NH28**	NHS28**	0.36	28G	Blue Green		
NH27**	NHS27**	0.41	27G	Grey		
NH26**	NHS26**	0.45	26G	Brown		
NH25**	NHS25**	0.51	25G	Orange		
NH24**	NHS24**	0.56	24G	Purple		
NH23**	NHS23**	0.63	23G	Blue		
NH22**	NHS22**	0.71	22G	Black		
NH21**	NHS21**	0.82	21G	Green		
NH20**	NHS20**	0.9	20G	Yellow		
NH19**	NHS19**	1.08	19G	Milk White		
NH18**	NHS18**	1.28	18G	Pink		
NH16**	NHS16**	1.63	16G	White		

ZHEJIANG ZHONGGUI MEDICAL

BLOOD COLLECTION NEEDLE FOR SINGLE USE
一次性使用采血针


Ref.No:VV**


Ref.No: VF**


Ref.No:VP**


Ref.No:VNS**


Ref.No:VVS**


Ref.No: VN**

PRODUCT CHARACTERISTICS
产品特点

1. Sharp needle tip, reduce the patients' pain.
2. The separable thread structure is convenient for infusion after blood collection and avoid multiple punctures to patients.
3. Complete product specifications for different clinical options.
4. The puncture needle can withstand 10 times' puncture without leakage, which is suitable for multi-tube blood collection.
5. Safety Blood Collection Needles: Protective caps can effectively prevent from being punctured by the needles, avoid blood contamination and protect clinical users.


Ref.No: VNSU**


Ref.No: VPS**


Ref.No:VNSB**

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Description	Length(mm)	Colour	Package& Carton Size
VP22**	22G	Blood Collection Needle（Pen）	25-40	Black	100Pcs*50Boxes 42*26*39cm
VP21**	21G	Blood Collection Needle（Pen）	25-40	Green	
VF21**	21G	Flashback Blood Collection Needle（Pen）	25-40	Green	100Pcs*18Boxes 32*32*29cm
VF20**	20G	Flashback Blood Collection Needle（Pen）	25-40	Yellow	
VV23	23G	Blood Collection Needle（SVS）	20	Blue	100Pcs*20Boxes 56*37*26.5cm
VV22	22G	Blood Collection Needle（SVS）	20	Black	
VVS21	21G	Blood Collection Needle（SVS）Safety	20	Green	100Pcs*20Boxes 58*30*48cm
VN21**	21G	Througth-link Needle with Flashback	25-40	Green	100Pcs*40Boxes 60*38*40cm
VNS21**	21G	Througth-link Needle with Flashback(Safety)	25-40	Green	50Pcs*10Boxes 39*38*40cm
VPS21**	21G	Blood Collection Needle（Pen）Safety	25-40	Green	100Pcs*18Boxes 42*30*36cm
VNSU21**	21G	Blood Collection Needle（Pen）Safety with Holder	25-40	Green	50Pcs*10Boxes 39*38*40cm
VNSB21	21G	Blood Collection Needle（SVS）Safety with Holder	20	Green	50Pcs*10Boxes 39*38*40cm

PUNCTURE SETS
穿刺类产品

INSULIN PEN NEEDLE FOR SINGLE USE
一次性使用胰岛素笔针



PRODUCT CHARACTERISTICS
产品特点

1. Insulin dose is more accurate.
2. Needle tip is thinner than those used in special insulin syringes and almost painless.
3. Easy to use.

Ref. No.	Specification		Colour	Package	Carton Size
NI33**	0.2	33G	Pink	100Pcs*50Boxes	37.5*27*37.5cm
NI32**	0.23	32G	Green	100Pcs*50Boxes	37.5*27*37.5cm
NI31**	0.25	31G	Blue	100Pcs*50Boxes	37.5*27*37.5cm
NI30**	0.3	30G	Yellow	100Pcs*50Boxes	37.5*27*37.5cm
NI29**	0.33	29G	Red	100Pcs*50Boxes	37.5*27*37.5cm

DENTAL INJECTION NEEDLE FOR SINGLE USE
一次性使用牙科针



PRODUCT CHARACTERISTICS
产品特点

1. The tip of the thin-walled needle is made of SU304 material and processed by special surface coating. The tip of the needle is sharp, which makes it easier to puncture the skin tissue, with less pain and less tissue damage;
2. The inner diameter of the needle is large and the flow is high.
3. The needle base is translucent, which is easy to observe the blood return;
4. Needle seat colors meet identification specifications, which is easy to distinguish the use;
5. special specifications of the injection needle are customized.
6. Imported steel from Japan is used, needle tubes is produced by automatic needle grinding process from Korea, automatic assembly production process and imported silicification liquid is used to silicify the surface of the needle tube; From the material to the production process, it ensure the needle tip is sharp, which greatly reduce the pain of the patient or the strength of the puncture.

Ref. No.	Specification		Colour	Package	Carton Size
Y30**	0.3	30G	Yellow	100Pcs*50Boxes	44*27*40cm
Y27**	0.41	27G	Blue	100Pcs*50Boxes	44*27*40cm

ZHEJIANG ZHONGGUI MEDICAL

I.V CANNULA FOR SINGLE USE
一次性使用留置针



Ref. No:CP**



Ref. No:CD**



Ref. No:CY**



Ref. No:CYS**

PRODUCT CHARACTERISTICS
产品特点

1.Imported automatic production equipment reduces artificial pollution. On-line multi-process inspection ensures product quality.
2.With stainless steel back blade needle imported from Japan , which is not easy to puncture the catheter. It can effectively reduce puncture force effectively with fast blood return speed and reduce pain for patients.
3. Multi-section chamfering and rounding structure of the catheter tip, the catheter holding the needle closely, precise distance control (0.2-0.5mm), and the multi-channel silicification process, ensures a puncture success.
4. Unique isolation plug punching process, ensures the product no leakage in validity period.
5. The heparin cap adopts transparent rubber pad, simple and convenient. When sealing the tube, the position of the needle tip can be clearly seen to ensure sealing effect of positive pressure technique.
6.Safety IV cannula: In the process of needle withdrawal, the anti-needle sick protection device automatically start can effectively prevent operators to be punctured by the needle, avoiding blood contamination and protecting clinical users.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Description	Specification		Color	Package & Carton Size
CP26	I.V Cannula (pen)	0.6	26G	Purple	50Pcs*20Boxes 51.5*28*17cm
CP24	I.V Cannula (pen)	0.7	24G	Yellow	
CP22	I.V Cannula (pen)	0.9	22G	Blue	
CD20	I.V Cannula (Injection port)	1.1	20G	Pink	50Pcs*20Boxes 63*48*31cm
CD18	I.V Cannula (Injection port)	1.3	18G	Green	
CY26	I.V Cannula (Y part)	0.6	26G	Purple	100Pcs*8Boxes 55.5*40*30.5cm
CY24	I.V Cannula (Y part)	0.7	24G	Yellow	
CY22	I.V Cannula (Y part)	0.9	22G	Blue	
CYS20	I.V Cannula (Safety)	1.1	20G	Pink	100Pcs*8Boxes 55.5*40*30.5cm
CYS18	I.V Cannula (Safety)	1.3	18G	Green	
Note: For different type of I.V Cannula, we have size 26G, 24G, 22G, 20G, 18G.					

PUNCTURE SETS
穿刺类产品

HEPARIN CAP
肝素帽



PRODUCT CHARACTERISTICS
产品特点

1. Adapting luer lock structure to enable firm connection.
2. The design of a transparent rubber pad allows for easy and convenient sealing of the tube. It enables clear visibility of the needle's position, ensuring effective sealing through positive pressure method.
3. Moderate size, light and easy to use.
4. The shell is injected with imported materials, which can ensure it to be infused various kinds of liquid medicine and withstand various kinds of disinfectant without cracking.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Type	Package	Carton Size
H01	Transparent	200Pcs*30Boxes	53*40*39cm
H02	Yellow		

VAGINA DILATOR FOR SINGLE USE
一次性使用扩张器



Ref. No.: ZD*



Ref. No.: ZS*



Ref. No.: ZM*

PRODUCT CHARACTERISTICS
产品特点

1. Vagina Dilator is made of highly transparent materials, which is more conducive to the observation and use of operators during gynecological examination.
2. Multi-gear adjustment is more convenient for clinical operation;
3. The product has good structural strength and is not easy to deform during use.
4. Various styles to meet the needs of different users.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Package	Carton Size
ZDS	S	Central Turning	100Pcs	51*35*31cm
ZDM	M	Central Turning	100Pcs	51*35*31cm
ZDL	L	Central Turning	100Pcs	51*35*35cm
ZSS	S	Side Screw	100Pcs	51*35*31cm
ZSM	M	Side Screw	100Pcs	51*35*31cm
ZSL	L	Side Screw	100Pcs	51*35*36cm
ZMS	S	Central Screw	100Pcs	51*35*31cm
ZMM	M	Central Screw	100Pcs	51*35*31cm
ZML	L	Central Screw	100Pcs	51*35*36cm

ZHEJIANG ZHONGGUI MEDICAL

SINGLE-USE CONTAINER FOR HUMAN PERIPHERAL BLOOD SPECIMEN COLLECTION
一次性使用人体末梢血样采集容器



PRODUCT CHARACTERISTICS
产品特点

1.Complete varieties of products, easy to use.
2.The amount of additives is accurate. Additives are sprayed on the inner wall of the test tube, which can effectively prevent local coagulation of blood samples.
3.More convenient to collect peripheral blood.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Tube Size	Tube Material	Additive	Color	Package	Carton Size
VM1045PR	0.2-1ml	10*45	PP	Non	Red	100Pcs*12Boxes	40*34*28cm
VM1046PO	0.2-1ml	10*45	PP	Clot Activator	Orange	100Pcs*12Boxes	40*34*28cm
VM1046PP	0.2-1ml	10*45	PP	EDTA K2/EDTAK3	Purple	100Pcs*12Boxes	40*34*28cm
VM1047PH	0.2-1ml	10*45	PP	Sodium Heparin	Green	100Pcs*12Boxes	40*34*28cm
VM1047PG	0.2-1ml	10*45	PP	Fluoride&Potassium Xalate	Grey	100Pcs*12Boxes	40*34*28cm
VM1048PB	0.2-1ml	10*45	PP	0.109mol/L Sodium Citrate/ Aptt 1:9	Blue	100Pcs*12Boxes	40*34*28cm
VM1048PL	0.2-1ml	10*45	PP	0.129mol/L Sodium Citrate/ Aptt 1:4	Black	100Pcs*12Boxes	40*34*28cm
VM1049PY	0.2-1ml	10*45	PP	Gel &Clot Activator	Yellow	100Pcs*12Boxes	40*34*28cm

VACUUM BLOOD COLLECTION TUBE FOR SINGLE USE
一次性使用采血管





PRODUCT CHARACTERISTICS
产品特点

1. Complete varieties of products, easy to use.
2. Realize one-time puncture and multi-tube collection, reducing the pain of patients.
3. The negative pressure is sufficient, and the amount of anticoagulant is accurate, which can effectively prevent local agglutination.
4. Determine the use of test tubes by color codes to avoid errors in blood collection and testing.
5. The design of safety cap facilitates the mixing of blood and additives evenly in time.
6. It is convenient to store blood samples and effectively avoid volatilization of samples.
7. International general specifications and testing instruments are used to achieve the original tube operation, which can be equipped with Roche pre-treatment equipment for pre-test specimen processing.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Tube Size	Material	Additive	Color	Package	Carton Size
VT13075**ER/VT13075**GR	1-4ml	13*75	PET/Glass	Non	Red	100Pcs*12Boxes	45.5*36.5*19.5cm
VT13100**ER/VT13100**GR	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**ER/VT16100**GR	7-10ml	16*100					51*40.5*24cm
VT13075**EO/VT13075**GO	1-4ml	13*75	PET/Glass	Clot Activator	Orange		45.5*36.5*19.5cm
VT13100**EO/VT13100**GO	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**EO/VT16100**GO	7-10ml	16*100					51*40.5*24cm
VT13075**EP/VT13075**GP	1-4ml	13*75	PET/Glass	EDTA K2 EDTAK3	Purple		45.5*36.5*19.5cm
VT13100**EP/VT13100**GP	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**EP/VT16100**GP	7-10ml	16*100					51*40.5*24cm
VT13075**EH/VT13075**GH	1-4ml	13*75	PET/Glass	Sodium Heparin Lithium Heparin	Green		45.5*36.5*19.5cm
VT13100**EH/VT13100**GH	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**EH/VT16100**GH	7-10ml	16*100					51*40.5*24cm
VT13075**EG/VT13075**GG	1-4ml	13*75	PET/Glass	Fluoride& Potassium Xalate/Fluoride& Heparin	Grey		45.5*36.5*19.5cm
VT13100**EG/VT13100**GG	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**EG/VT16100**GG	7-10ml	16*100					51*40.5*24cm
VT13075**EB/VT13075**GB	1-4ml	13*75	PET/Glass	0.109mol/L Sodium Citrate/ Aptt 1:9	Blue		45.5*36.5*19.5cm
VT13100*EB/VT13100**GB	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**EB/VT16100**GB	7-10ml	16*100					51*40.5*24cm
VT08120**GL	1.6ml	8*120	Glass	0.129mol/L Sodium Citrate/ Aptt 1:4	Black		45*36*28cm
VT13075**EL/VT13075**GL	1-4ml	13*75	PET/Glass				45.5*36.5*19.5cm
VT13100**EL/VT13100**GL	5-6ml	13*100					45.5*36.5*24.5cm
VT16100**EL/VT16100**GL	7-10ml	16*100					51*40.5*24cm
VT13075**EY/VT13075**GY	1-4ml	13*75	PET/Glass	Gel & Clot Activator EDTA K2&Gel/ EDTA K3&Gel	Yellow		45.5*36.5*19.5cm
VT13100**EY/VT13100**GY	4-5ml	13*100					45.5*36.5*24.5cm
VT16100**EY/VT16100**GY	6-10ml	16*100					51*40.5*24cm

SINGLE-USE STERILE RUBBER SURGICAL GLOVES
一次性使用橡胶手术手套

PRODUCT CHARACTERISTICS
产品特点

1.Made of 100% natural latex, with softness, comfort and good texture..
2.The color is natural and soft, does not dazzle the eyes, and does not affect the operation.
3.It has super tensile strength, good flexibility, and rolled cuff, which can effectively prevent tear when wearing.
4.Distinguish between the left and right hands and easy to wear.
5.The packaging material adopts medical dialysis paper conforming to international standard, more resistant to bacteria, EO sterilization, safe and no residue.



PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Package	Carton Size
GS60F/GS60P	6.0	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm
GS65F/GS65P	6.5	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm
GS70F/GS70P	7.0	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm
GS75F/GS75P	7.5	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm
GS80F/GS80P	8.0	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm
GS85F/GS85P	8.5	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm
GS90F/GS90P	9.0	Powder-free/Powdered	50Pairs*8Boxes	56*25*36cm

SINGLE-USE RUBBER EXAMINATION GLOVES
一次性橡胶检查手套

PRODUCT CHARACTERISTICS
产品特点

1.Made of 100% natural latex, with softness, comfort and good texture.
2.The color is natural and soft, does not dazzle the eyes, and does not affect the operation.
3.It has super tensile strength, good flexibility, which can effectively prevent tear when wearing.
4.No distinction between the left and right hands and easy to use and wear.



PRODUCT SPECIFICATION
产品规格

Ref. No.	Specification	Type	Package	Carton Size
GESF/GESP	S	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm
GEMF/GEMP	M	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm
GELF/GELP	L	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm
GEXF/GEXP	XL	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm

NITRILE EXAMINATION GLOVES
丁腈检查手套

PRODUCT CHARACTERISTICS 产品特点

1. High-quality nitrile material, strong toughness, full elasticity, strong and not easy to break, better protection.
2. Super tensile strength, good flexibility, curling wrist.effectively prevent wear tear.
3. The finger is designed with textured surface to increase the grip strength, improve the sensitivity and maintain good operating performance.
4. Sealing material is impermeable, fully protect the hands from erosion.
5. Soft texture, close to the feel, more dexterous operation like the second layer of skin on both hands.
6. Mature process, contain no harmful substances, available to family life, food processing, medical beauty.
7. Made of nitrile material, contain no natural protein, cause no irritation and allergic contact dermatitis risk by testing.



PRODUCT SPECIFICATION 产品规格

Ref. No.	Specification	Type	Package	Carton Size
GNSF/GNSP	S	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm
GNMF/GNMP	M	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm
GNLF/GNLP	L	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm
GNXF/GNXP	XL	Powder-free/Powdered	100pcs*20Boxes	47.5*26*34cm

DISPOSABLE STOMACH CATHETER
一次性使用胃管

PRODUCT CHARACTERISTICS
产品特点

1. Made of medical grade PVC material, DEHP free is available.
2. There is radio opaque line on tube.
3. The connectors can be open or closed.
4. Tube length is customized.





PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Connector Type	Package	Carton Size
WL06/WP06	6FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL08/WP08	8 FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL10/WP10	10FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL12/WP12	12FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL14/WP14	14FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL16/WP16	16FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL18/WP18	18FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL20/WP20	20FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL22/WP22	22FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL24/WP24	24FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm
WL26/WP26	26FR	Normal/Adjustable	50Pcs*8Boxes	50*46*34cm

FOLEY CATHETER FOR SINGLE USE
一次性使用导尿管



PRODUCT CHARACTERISTICS
乳胶产品特点

1.Manufactured from medical rubber, which is smooth.
2. Universal color-coded identification to identify specifications.
3. It can be soft valve or hard valve as required.
4. Surface ultra-smooth coating treatment.



PRODUCT CHARACTERISTICS
硅胶产品特点

1. Made from medical grade silicone, transparent, soft and smooth.
2. The unique balloon design can effectively prevent the balloon from bursting, and the high-capacity balloon makes the urinary catheter not easy to fall off.
3. It is used to maintain long-term urination during surgery, and the indwelling time in the body does not exceed 28 days.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Material	Type	Package	Carton Size
FR06S-**/FS06S-**	6FR	Rubber/Silicone	Single Way	10Pcs*50Boxes	53.5*39.7*43cm
FR08D-**/FS08D-**	8 FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR10D-**/FS10D-**	10FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR12D-**/FS12D-**	12FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR14D-**/FS14D-**	14FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR16D-**/FS16D-**	16FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR18D-**/FS18D-**	18FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR20D-**/FS20D-**	20FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR22D-**/FS22D-**	22FR	Rubber/Silicone	2-way	10Pcs*50Boxes	53.5*39.7*43cm
FR24T-**/FS24T-**	24FR	Rubber/Silicone	3-way	10Pcs*50Boxes	53.5*39.7*43cm
FR26T-**/FS26T-**	26FR	Rubber/Silicone	3-way	10Pcs*50Boxes	53.5*39.7*43cm

CATHETER PRODUCTS
导管类产品

FEEDING TUBE FOR SINGLE USE
一次性使用喂食管



PRODUCT CHARACTERISTICS
产品特点

1. Made of medical grade PVC material, DEHP free is available.
2. There is radio opaque line on tube.
3. Tube length is customized.

PRODUCT SPECIFICATION
产品规格

Ref. No.	model	Package	Carton Size
FL05	5FR	50Pcs*8Boxes	50*46*34cm
FL06	6FR	50Pcs*8Boxes	50*46*34cm
FL08	8 FR	50Pcs*8Boxes	50*46*34cm
FL10	10FR	50Pcs*8Boxes	50*46*34cm
FL12	12FR	50Pcs*8Boxes	50*46*34cm
FL14	14FR	50Pcs*8Boxes	50*46*34cm
FL16	16FR	50Pcs*8Boxes	50*46*34cm
FL18	18FR	50Pcs*8Boxes	50*46*34cm
FL20	20FR	50Pcs*8Boxes	50*46*34cm

ENDOTRACHEAL TUBE FOR SINGLE USE
一次性使用气管插管



PRODUCT CHARACTERISTICS
产品特点

1．Manufactured from medical grade raw materials, transparent and smooth.
2．The unique arc design of the tube head end, passivation treatment, easy to insert, play a guiding role.
3．The head end hole adopts hot punching technology, which is smooth. and burr-free, and will not injure the airway mucosa.
4．It can be equipped with stylet for easy insertion.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Size	Type	Cuff/Uncuff	W/WO Stylet	Package	Carton Size
EWB30	ID3.0	Standard	Uncuff	WO	10Pcs*10Boxes	42*38*32cm
EWB35S	ID3.5	Standard	Uncuff	W		
ECB40	ID4.0	Standard	Cuff	WO		
ECB45S	ID4.5	Standard	Cuff	W		
EWT50	ID5.0	Enhanced	Uncuff	WO		
EWT55S	ID5.5	Enhanced	Uncuff	W		
ECT60	ID6.0	Enhanced	Cuff	WO		
ECT65S	ID6.5	Enhanced	Cuff	W		

Note: For endotracheal tube, we have standard type and enhanced type, with or without cuff, with or without stylet. For different type, we have size from 3.0mm to 10.0mm.
If you'd like to know the detailed Ref. No. for each size, kindly contact us.

TRACHEOTOMY TUBES FOR SINGLE USE
一次性使用气管切开插管



PRODUCT CHARACTERISTICS
产品特点

1.Made from non-toxic PVC, transparent, soft and smooth.
2.Available with high volume, low pressure cuff.
3.It provides positive tracheal wall seal.
4.Be used for tracheotomy.

DISPOSABLE SILICONE LARYNGEAL MASK
一次性使用硅胶喉罩



PRODUCT CHARACTERISTICS
产品特点

1．Made of 100% medical grade silicone, non-toxic and harmless.
2．Be fitting for the adults, children and infants.
3．Designed according to the shape of human larynx, the larynx cover will go inward when inflating, and will not go out, which is safe and comfortable.

NASAL OXYGEN TUBE FOR SINGLE USE
一次性使用鼻氧管



PRODUCT CHARACTERISTICS
产品特点

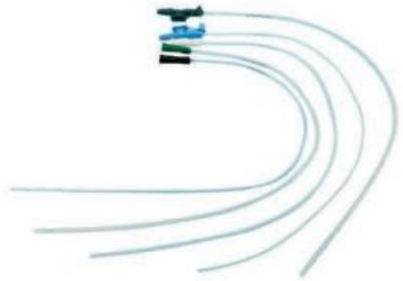
1. Made of medical grade PVC, DEHP free is available.
2. The length of main line and sub-line is customized.
3. Straight tip: adult, child, infant. Curved tip: adult, child, infant, neonatal.
4. Curved tips are made from softer materials, and are more comfortable.
5. Oxygen source connectors can be luer slip or luer lock.
6. The inner wall is textured, which is designed to resist bending and blocking.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Type	Package	Carton Size
O101	Single hole	Infant	20Pcs*20Bags	50*44*36cm
O102	Single hole	Child	20Pcs*20Bags	50*44*36cm
O103	Single hole	Adult	20Pcs*20Bags	50*44*36cm
O201	Double hole	Infant	20Pcs*20Bags	50*44*36cm
O202	Double hole	Child	20Pcs*20Bags	50*44*36cm
O203	Double hole	Adult	20Pcs*20Bags	50*44*36cm

CATHETER PRODUCTS
导管类产品

SUCTION CATHETER FOR SINGLE USE
一次性使用吸痰管



PRODUCT CHARACTERISTICS
产品特点

1. Medical grade PVC material, DEHP free is available.
2. Universal color code identification for specification identification.
3. There is radio opaque line on tube.
4. Two types of connectors are available.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Type	Package	Carton Size
XL040	F4	TypeI	100Pcs*8Boxes	64*32*50cm
XL045	F4.5	TypeI		
XL050	F5	TypeI		
XV055	F5.5	TypeII		
XV060	F6	TypeII		
XV065	F6.5	TypeII		
XV070	F7	TypeII		
XV075	F7.5	TypeII		
XV080	F8	TypeII		
XV090	F9	TypeII		
XV100	F10	TypeII		
XV120	F12	TypeII		
XV140	F14	TypeII		
XV160	F16	TypeII		
XV180	F18	TypeII		
XV200	F20	TypeII		

ANESTHESIA MASK
麻醉面罩



PRODUCT CHARACTERISTICS
产品特点

1.The anaesthetic mask is made from medical grade PVC, no poison and harmless.
2.Be fitting for the adults,children and infants.
3.Soft air cushion provides comfortable face fitting for patients.
4.It is disposable, lower the risk of cross infection.

ZHEJIANG ZHONGGUI MEDICAL

URINE BAG FOR SINGLE USE
一次性使用尿袋



PRODUCT CHARACTERISTICS
产品特点

1. The length of tubing is customized;
2. The bag material is thicker, which can effectively prevent the damage when falling;
3. The outlet joints are diversified, which is more suitable for clinical operation;
4. Drainage bag products with anti-reflux function can be customized according to customer's needs;
5. Adopt fully automatic equipment to produce, ensuring more stable quality.

PRODUCT SPECIFICATION
产品规格

Ref. No.	Model	Type	Package	Carton Size
UT20	2000	T-valve	10Pcs*25Bags	56*39.5*32cm
UP20	2000	Push-pull valve	10Pcs*25Bags	56*39.5*32cm
UI01	100	Pediatric	100Pcs*10Boxes	43*29*22cm

INFUSION PUMP FOR SINGLE USE
一次性使用输液泵



PRODUCT CHARACTERISTICS
产品特点

1.Effectiveness: Each time the PCA pump was pressed, 0.5ml was administered, and the bolus refill time is 15min.
2.Medical silicon reservoirs are made of polymer materials with special formula, with balanced shrinkage force and stable flow rate control. With automatic exhaust effect, the remaining small amount of air in the capsules will exhaust itself within 1-2 hours, no need artificial exhaust. The infusion tube is resistant to pressure, bending, and knotting without clogging.
3.Safety: The matching filter can effectively filter bubbles, bacteria and impurities, prevent infusion clogging, and provide guarantee for safe infusion.

PRODUCT SPECIFICATION
产品规格

Type	Nominal Filling Volume	Nominal Flow Rate	Package	Carton Size
CBI(Continuing Type) CBI+PCA(Self-control Type)	100ml, 150ml 200ml, 270ml	2ml/h, 3ml/h 4ml/h, 5ml/h	40Sets/ Carton	45*42*34cm

PROTECTIVE CLOTHING FOR MEDICAL USE
医用防护服



PRODUCT CHARACTERISTICS
产品特点

1.PPE composite material, high breathability.
2.Antistatic, 100% antibacterial.
3.Protection against dangerous chemicals.
4.Anti-acid penetration and water penetration resistance.
5.Splash-proof, high density performance.

PRODUCT SPECIFICATION
产品规格

160, 165, 170, 175, 180, 185, 190
Package: 50pcs Carton Size: 66*40*50cm

MEDICAL FACE MASK
医用口罩



PRODUCT CHARACTERISTICS
产品特点

1.High waterproof performance
2.High bacterial filtration rate
3.Prevent splashing of blood and body fluids



PRODUCT CHARACTERISTICS
产品特点

1.The mask is soft and comfortable to wear.
2.High filtration particles and bacteria characteristics.

MEDICAL PROTECTIVE FACE MASK
医用防护口罩



PRODUCT CHARACTERISTICS
产品特点

1.Five layers of protection.
2.Skin-friendly, soft, dry and comfortable.
3.Filter odors and harmful particles.

PRODUCT SPECIFICATION
产品规格

N95-L, N95-M, N95-S,FFP2
Package: 50pcs*24boxes
Carton Size: 53.5*48*59cm



镓铟锡无汞玻璃体温计
Gallium Indium Tin mercury-free glass thermometer

2016年4月28日，第十二届全国人民代表大会常务委员会第二十次会议批准《关于汞的水俣公约》（以下简称《汞公约》）。《汞公约》将自2017年8月16日起对我国正式生效。自2026年1月1日起，禁止生产含汞体温计和含汞血压计。

On April 28, 2016, the 20th meeting of the Standing Committee of the 12th National People's Congress approved the "Minamata Convention on Mercury" (hereinafter referred to as the "Mercury Convention"). The Mercury Convention will officially take effect in our country from August 16, 2017. From January 1, 2026, the production of mercury-containing thermometers and mercury-containing sphygmomanometers will be prohibited.

产品介绍/Product Introductionertificate

配备甩壳器，更易甩

普通存放盒不能解决难甩问题
使得用户体验较差
因此市面上出现甩壳器
但甩表器材质再使用约40次后出现断裂问题
我们重新进行开模 新材质甩表器能解决此问题
Ordinary storage boxes cannot solve the problem of difficulty in shaking off, resulting in a poor user experience. Therefore, shake-off devices have appeared on the market. However, the material of the shake-off device breaks after about 40 uses. We have re-molded it, and the new material shake-off device can solve this problem.





产品介绍/Product Introductionertificate

OEM OBM ODM 定制服务





双刻度℃/℉





产品介绍/Product Introductionertificate

软头电子体温计/Fexible digital thermometer

型号/Model: PT-101A

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Flexible tip
Automatic switch-off function



型号/Model: PT-101C

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Flexible tip
Automatic switch-off function



软头防水电子体温计/Fexible and water-proof digital thermometer

型号/Model: PT-111H

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
防水功能 有软头可弯曲
Display Range: 32.0- 42.9℃ 89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
waterproof
Flexible tip
Automatic switch-off function



产品介绍/Product Introductionertificate

电子体温计/Digital Thermometer

型号/Model: PT-01A

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Automatic switch-off function



型号/Model: PT-01B

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Automatic switch-off function



型号/Model: PT-01C

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Automatic switch-off function



产品介绍/Product Introductionertificate

电子体温计/Digital Thermometer

型号/Model: PT-01E

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Automatic switch-off function



型号/Model: PT-01D

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Automatic switch-off function



型号/Model: PT-01H

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Automatic switch-off function



产品介绍/Product Introductionertificate

大屏电子体温计/Jumbo display digital thermometer

型号/Model: PT-101D

大屏显示
快速精准测温
自动关机
低电压报警
蜂鸣提示
屏幕尺寸: 25*21mm
Large LCD display
Fast And Accurate Measurement
Auto Shut-off
Alarm for low battery
Beep alarm function for temperature test
LCD size:25*21mm



型号/Model: PT-101E

大屏显示
快速精准测温
自动关机
低电压报警
蜂鸣提示
屏幕尺寸: 25*21mm
Large LCD display
Fast And Accurate Measurement
Auto Shut-off
Alarm for low battery
Beep alarm function for temperature test
LCD size:25*21mm



卡通电子体温计/Cartoon digital thermometer

型号/Model: PT-02A

测量范围: 32.0-42.9℃ 89.6-109.2°F
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2°F
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or °F
Flexible tip
Automatic switch-off function







臂式电子血压计/Arm Blood Pressure Monitor

型号/Model: BP-601



血压分类	Blood pressure classification
语音播报	Voice
记忆功能	memories
大屏大数字显示	Large LCD digital display
平均值	Average function for last three records
自动关机	Automatic switch-off function
外接电源接口	External power interface
屏幕尺寸：60*72(mm)	LCD size : 60*72(mm)
产品尺寸 132*101*45(mm)	Product size : 132*101*45(mm)

臂式电子血压计/Arm Blood Pressure Monitor

型号/Model: BP-603



心率不齐检测	IHB indicator
语音播报	Voice
2组*99次记忆	2x99 memories
一键式操作	One-key touch operation
大屏大数字显示	Large LCD digital display
平均值	Average function for last three records
自动关机	Automatic switch-off function
外接电源接口	External power interface
时间日期	Time/Date
屏幕尺寸：50*80 (mm)	LCD size: 50*80 (mm)
产品尺寸：140*104*80 (mm)	Product size:140*104*80 (mm)

红外额温枪/Infrared forehead thermometer

型号/Model: HT-118



显示三色背光	Display LCD back-lit display
自动关机功能10秒内	Automatic shut off in 10 seconds
快速测温	Fast Measurement Time
C/F切换	Selectable ℃/℉
语音播报	Voice
发模切换（体温、物温）	Selection for body temperature or object temperature

红外额温枪/Infrared forehead thermometer

型号/Model: HT-8808



测量范围	(Measuring Range)
体温	(Body mode) : 34.0-42.9 ℃, 93.2-109.2 ℉
物温	(Surface mode) : 0-100.0 ℃, 32.0-212.0 ℉
测量准确度	(Measuring accuracy) : ± 0.1 ℃ or ± 0.2 ℉
测量时间	(Measuring Time) : 0.5 seconds
测量距离	(Measuring Distance) : 5-15 CM
记忆次数	(Memories) : 50
三色背光	Three-color backlight (Color Alarm)
自动关机	(Auto Shut-off) : 18S
电源	(Power Supply) : DC 3V (AAA battery*2)
C/F可切换	selectable ℃/℉

蓝牙电子体温计/Bluetooth Thermometer

型号/Model: WT-118



大屏显示	large LCD display
快速精准测温	Fast and accurate measurement
连接手机	Bluetooth connects to mobile phone
自动关机	Auto shut-off
低电压报警	Aarm for low voltage
提鸣提示	Beep alarm function for temperature test
屏幕尺寸：24*14 (mm)	LCD size:24*14(mm)
支持苹果安卓4.8以上系统	Application Platform Android system , ios7 , Bluetooth 4.0 mobile devices

臂式电子血压计/Arm Blood Pressure Monitor

型号/Model: BP-602



血压分类	Blood pressure classification
语音播报	Voice
2组*90次记忆	2x90 memories
平均值	Average function for last three records
自动关机	Automatic switch-off function
外接电源接口	External power interface
屏幕尺寸：44*55 (mm)	LCD size: 44*55 (mm)
产品尺寸 132*101*45(mm)	Product size: 132*101*45(mm)

臂式电子血压计/Arm Blood Pressure Monitor

型号/Model: BP-604



血压分类	Blood pressure classification
语音播报	Voice
120次记忆	120 memories
一键式操作	One-key touch operation
大屏大数字显示	Large LCD digital display
平均值	Average function for last three records
自动关机	Automatic switch-off function
外接电源接口	External power interface
屏幕尺寸：55*43(mm)	LCD size : 55*43(mm)
产品尺寸：124*102*80(mm)	Product size : 124*102*80(mm)

红外额温枪/Infrared forehead thermometer

型号/Model: HT-600



测量范围	(Measuring Range)
体温	(Body mode) : 34.0-42.9 ℃, 93.2-109.2 ℉
物温	(Surface mode) : 0-100.0 ℃, 32.0-212.0 ℉
测量准确度	(Measuring accuracy) : ± 0.1 ℃ or ± 0.2 ℉
测量时间	(Measuring Time) : 0.5 seconds
测量距离	(Measuring Distance) : 5-15 CM
记忆次数	(Memories) : 50
三色背光	Three-color backlight (Color Alarm)
自动关机	(Auto Shut-off) : 18S
电源	(Power Supply) : DC 3V (AAA battery*2)
C/F可切换	selectable ℃/℉

兽医体温计/Vet Thermometer

型号/Model: VT-01A



测量范围	(Measuring Range) : 32.00-42.99 ℃, 89.60-109.39 ℉
测量时间	(Measuring Time) : 6seconds
提鸣提示	Beeps indicating
液晶屏显示和记忆功能	LCD display & memory
自动关机	(Auto Shut-off) : 15S
电源	(Power) : 2*1.5 V (AAA) DC
C/F可切换	selectable ℃/℉

新款电子体温计/NEW digital Thermometer

型号/Model: PT-11C

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 防水功能
C/F可切换 自动关机
Display Range: 32.0-42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Automatic switch-off function



型号/Model: PT-11B

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
4位数高精度显示 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
High-precision display
Automatic switch-off function



电子体温计/Digital Thermometer

型号/Model: PT-01A

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



型号/Model: PT-01B

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



型号/Model: PT-01C

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



型号/Model: PT-01D

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



电子体温计/Digital Thermometer

型号/Model: PT-01E

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



型号/Model: PT-01F

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



型号/Model: PT-01H

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Automatic switch-off function



防水电子体温计/Water-proof digital thermometer

型号/Model: PT-11A

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 防水功能
C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Automatic switch-off function



型号/Model: PT-11D

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 防水功能
C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Automatic switch-off function



型号/Model: PT-11F

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 防水功能
C/F可切换 自动关机
Display Range: 32.0- 42.9℃
89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Automatic switch-off function



软头防水电子体温计/Fexible and water-proof digital thermometer

型号/Model: PT-111A

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
防水功能 有软头可弯曲
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Flexible tip
Automatic switch-off function



型号/Model: PT-111B

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
防水功能 有软头可弯曲
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Flexible tip
Automatic switch-off function



软头电子体温计/Fexible digital thermometer

型号/Model: PT-101A

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Flexible tip
Automatic switch-off function



型号/Model: PT-101C

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Flexible tip
Automatic switch-off function



快速电子体温计/Fast-response digital thermometer

型号/Model: PT-111BK

测量范围: 32.0-42.9℃ 89.6-109.2℉
测量时间: 8S快速测温
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
防水功能 有软头可弯曲
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Flexible tip
Automatic switch-off function



卡通电子体温计/Cartoon digital thermometer

型号/Model: PT-02A

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Flexible tip
Automatic switch-off function



软头电子体温计/Fexible digital thermometer

型号/Model: PT-101H

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
有软头可弯曲 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Flexible tip
Automatic switch-off function



型号/Model: PT-111H

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换 自动关机
防水功能 有软头可弯曲
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
waterproof
Flexible tip
Automatic switch-off function



高精度电子体温计/Fast-response digital thermometer

型号/Model: PT-02C

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
4位数高精度显示 自动关机
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
High-precision display
Automatic switch-off function



型号/Model: PT-12B

测量范围: 32.0-42.9℃ 89.6-109.2℉
LCD尺寸: 20×7.5mm
电池: DC1.5V TYPE- LR41
记忆功能 C/F可切换
4位数高精度显示 自动关机 防水功能
Display Range: 32.0- 42.9℃ 89.6- 109.2℉
LCD Size: 20×7.5mm
Battery: DC1.5V TYPE- LR41
Last memory
Selectable ℃ or ℉
Waterproof
high-precision display
Automatic switch-off function



大屏电子体温计/Jumbo display digital thermometer

大屏显示
快速精准测温
自动关机
低电压报警
提鸣提示
屏幕尺寸：25*21mm
Large LCD display
Fast And Accurate Measurement
AutoShut-off
Alarm for low battery
Beep alarm function for temperature test
LCD size:25*21mm

型号/Model: PT-101D



大屏显示
快速精准测温
自动关机
低电压报警
提鸣提示
屏幕尺寸：25*21mm
Large LCD display
Fast And Accurate Measurement
AutoShut-off
Alarm for low battery
Beep alarm function for temperature test
LCD size:25*21mm



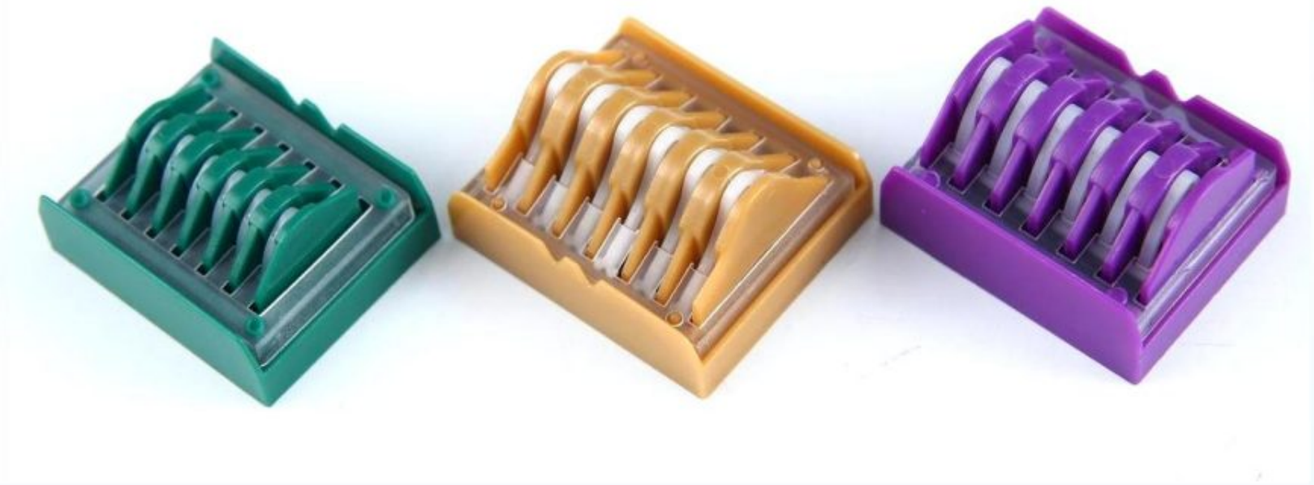
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组织夹

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。

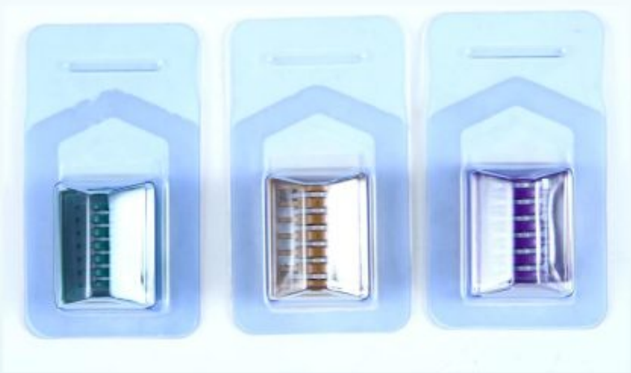






包装式样：

PACKAGING STYLE



产品型号	规格型号	颜色标识	结扎范围（mm）	通用血管或组织直径（mm）	配套使用的器械
RPZJ-S	小号S	绿色	3-10	1-3	带绿色旋钮的施夹钳
RPZJ-M	中号M	紫色	5-13	2-7	带紫色旋钮的施夹钳
RPZJ-L	大号L	金色	7-16	3-10	带金色旋钮的施夹钳

柯汇款美外腔镜

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。











包装式样：

PACKAGING STYLE



柯汇款美外组件

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。











包装式样：

PACKAGING STYLE



强生款腔镜

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。











包装式样：

PACKAGING STYLE



强生款腔镜

产品特性PRODUCT FEATURES



手动



电动



钉匣

器身规格

系列分类	枪规格	枪规格（鹰嘴款）	臂杆长度
45系列	DA-45S	DA-45SJ	190mm
	DA-45M	DA-45MJ	250mm
	DA-45L	DA-45LJ	350mm
60系列	DA-60S	DA-60SJ	190mm
	DA-60M	DA-60MJ	250mm
	DA-60L	DA-60LJ	350mm

钉匣规格

系列分类	枪规格	吻合长度	钉高	成钉高度	钉匣颜色
45系列	DA-45A	48mm	2.0mm	0.7mm	灰
	DA-45W		2.5mm	0.9mm	白
	DA-45B		3.5mm	1.5mm	蓝
	DA-45Q		3.8mm	1.75mm	金
	DA-45G		4.1mm	1.9mm	绿
	DA-45T		4.4mm	2.1mm	黑
60系列	DA-60A	60mm	2.0mm	0.7mm	灰
	DA-60W		2.5mm	0.9mm	白
	DA-60B		3.5mm	1.5mm	蓝
	DA-60Q		3.8mm	1.75mm	金
	DA-60G		4.1mm	1.9mm	绿
	DA-60T		4.4mm	2.1mm	黑

强生组件

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。





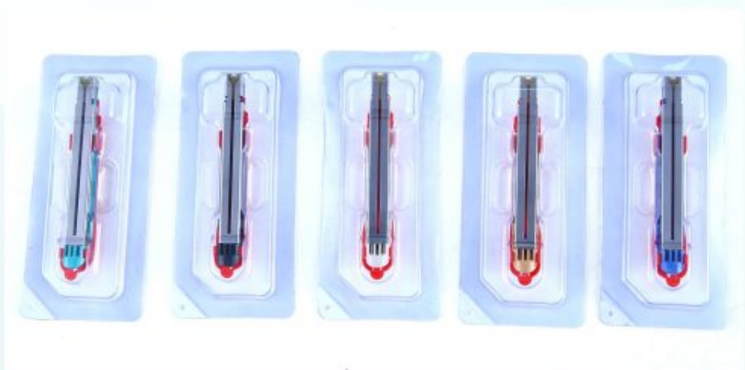






包装式样：

PACKAGING STYLE

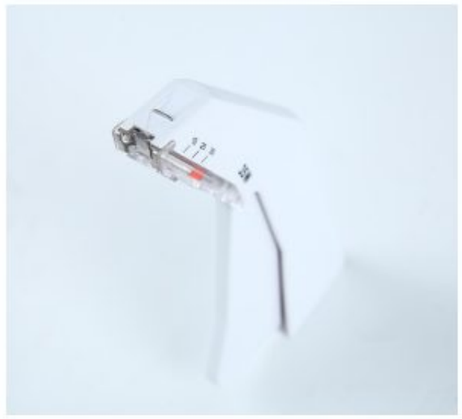


皮肤缝合器

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。









型号规格 Type	吻合钉直径 Staple thickness	公差 Tolerance	吻合钉成型尺寸 Staple forming size				L1×h	公差 Tolerance	吻合钉数量 Staple quantity
			L	公差 Tolerance	H	公差 Tolerance			
P-PF-35R	ϕ0.6	±0.1	10.2	±0.2	2.5	±0.1	5.5×3.5	±0.5	35
P-PF-35W			12.1		3.4		7.0×4.5		

型号规格 Type	缝合钉数量 Staple quantity	公差 Tolerance	缝合钉直径 Staple thickness	公差 Tolerance	缝合钉成型尺寸 Staple forming size			
					L	公差 Tolerance	H	公差 Tolerance
DSS15B	15	0+3	ϕ0.5	±0.1	10.4	±0.2	2.75	±0.1
DSS25B	25							
DSS35B	35							
PDSS15B	15							
PDSS25B	25							
PDSS35B	35							
PDSSB15B	15				12		2.9	
PDSSB25B	25							
PDSSB35B	35							
PDSSC15B	15							
PDSSC25B	25							
PDSSC35B	35							
PDSSD15B	15							
PDSSD25B	25							
PDSSD35B	35							
DSS15G	15		ϕ0.6		12.1		3.4	
DSS25G	25							
DSS35G	35							
PDSS15G	15							
PDSS25G	25							
PDSS35G	35							
PDSSB15G	15				13.85		3.6	
PDSSB25G	25							
PDSSB35G	35							
PDSSC15G	15							
PDSSC25G	25							
PDSSC35G	35							
PDSSD15G	15							
PDSSD25G	25							
PDSSD35G	35							

包装式样：

PACKAGING STYLE



一次性皮肤拆钉器

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。







包装式样：

PACKAGING STYLE

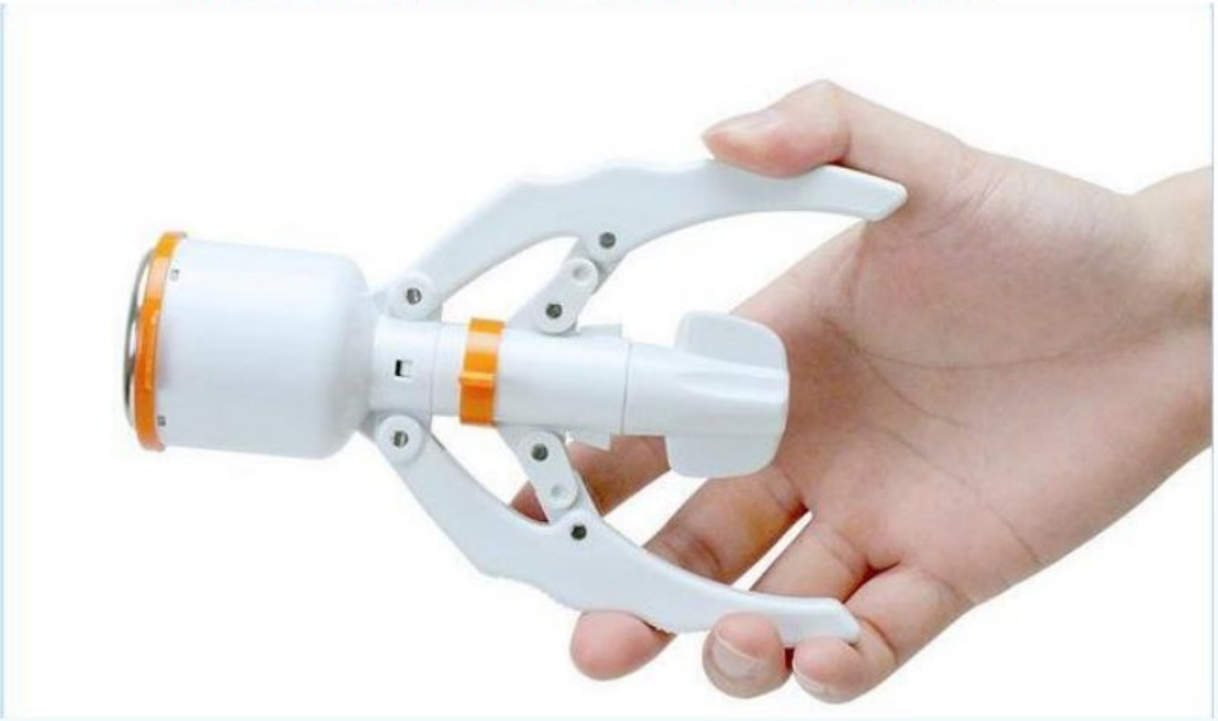




包皮吻合器

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。









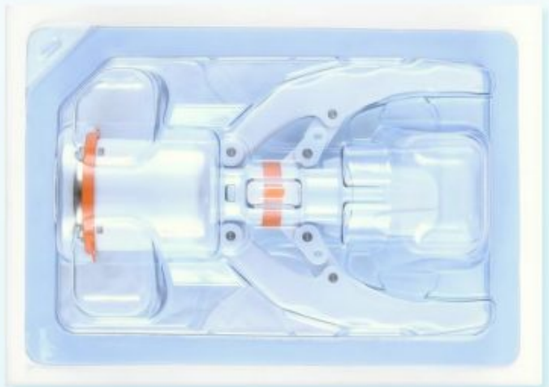


型号规格	环形刀直径（mm）	吻合钉高度（mm）	吻合钉数
CDAW11	11	2.8	9
CDAW13	13	2.8	10
CDAW15	15	2.8	11
CDAW17	16.5	2.8	12
CDAW19	18	2.8	13
CDAW22	22	2.8	16
CDAW25	25	2.8	18
CDAW29	29	2.8	20
CDAW32	32	2.8	22
CDAW34	34	2.8	24

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包装式样：

PACKAGING STYLE



超声刀

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。







包装式样：

PACKAGING STYLE





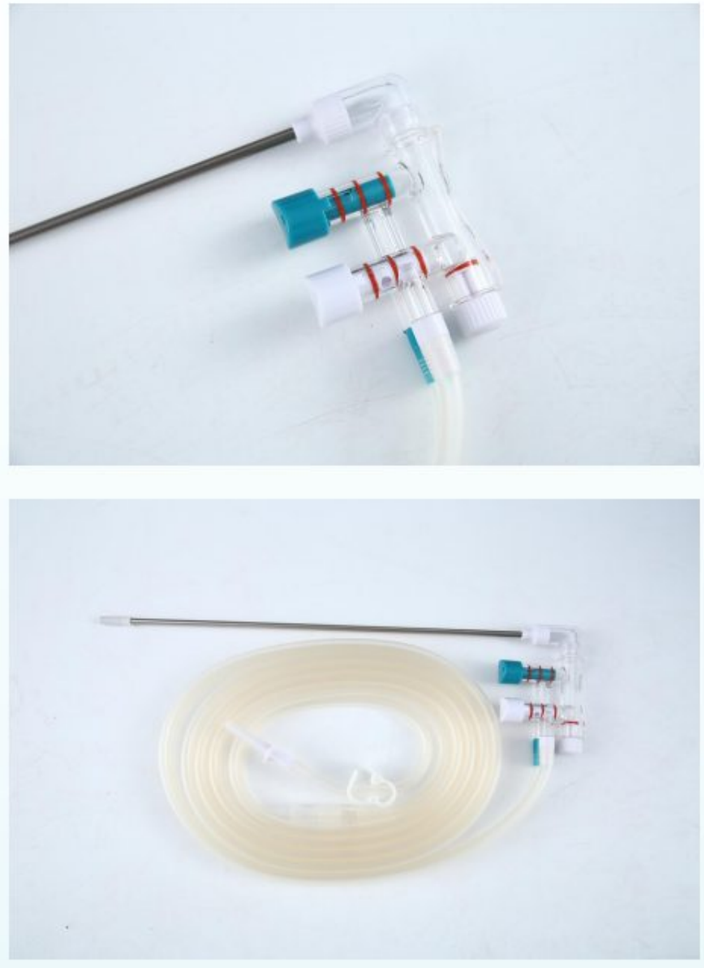
冲洗吸引器

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。







包装式样：

PACKAGING STYLE



穿刺器

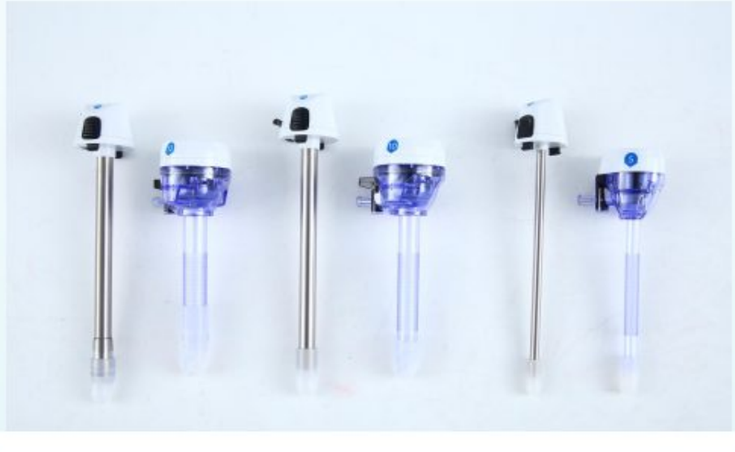
产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。







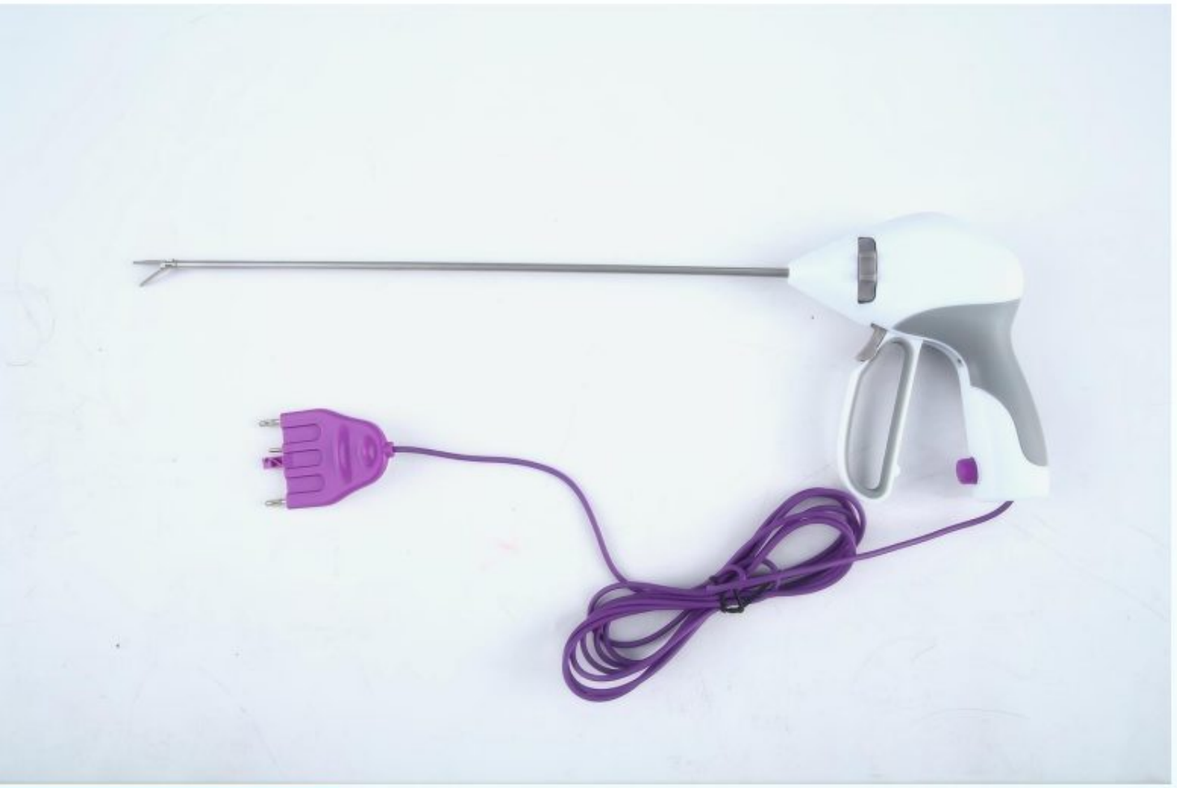


型号规格	配置清单
WPTC3	1支3mm穿刺套管+1支3mm穿刺锥（套管长度88mm）
WPTC5	1支5mm穿刺套管+1支5mm穿刺锥（套管长度100mm）
WPTC10	1支10mm穿刺套管+1支10mm穿刺锥（套管长度100mm）
WPTC12	1支12mm穿刺套管+1支12mm穿刺锥（套管长度100mm）
WPTC15	1支15mm穿刺套管+1支15mm穿刺锥（套管长度100mm）
W510	5mm穿刺套管2支、5mm穿刺锥1支+10mm穿刺套管2支、10mm穿刺锥1支
W512	5mm穿刺套管2支、5mm穿刺锥1支+12mm穿刺套管2支、12mm穿刺锥1支
W510Q1B1	5mm穿刺套管2支、5mm穿刺锥1支+10mm穿刺套管2支、10mm穿刺锥1支+气腹针+标本取出袋
W512Q1B1	5mm穿刺套管2支、5mm穿刺锥1支+12mm穿刺套管2支、12mm穿刺锥1支+气腹针+标本取出袋

大血管闭合器-ligasure

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。











包装式样：

PACKAGING STYLE



取物袋

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。





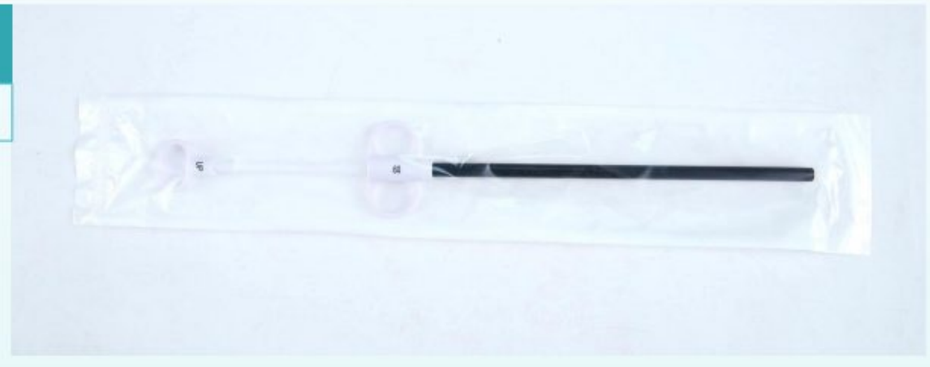






包装式样：

PACKAGING STYLE



套扎器

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。













包装式样：

PACKAGING STYLE



直线切割

产品特性PRODUCT FEATURES

操作简单，灵活方便，顺畅精准，高效快捷。











包装式样：

PACKAGING STYLE





现代根管治疗服务商
Modern root canal service provider

国内根管治疗器械首选品牌
Preferred brand of root canal products in China

全球根管治疗使用器械首选品牌
Preferred brand of root canal products worldwide

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匠心巨作
Masterpiece

无线LED光源根管预备机
Wireless endomotor with LED light



6种智能模式
6 Smart Modes



正向360°自动运动，正转到达预设扭力反转，去除扭力恢复正转。
Forward 360 ° , when encounter torque , will stop,
it is used to remove the broken files with Anti-bearing knife.



反向往复运动系统，反转90°，正转30°(近似值）。
Reverse reciprocating motion system, forward 90° , reverse 30° (approximate)



反向360°自动运动，反转到达预设扭力正转，去除扭力恢复反转。
Reverse 360° automatic movement, reverse plus torque positive rotation,
remove torque to restore reverse.



正向往复运动系统，正转90°，反转30°(近似值）。
Forward reciprocating motion system, reverse 90° , forward 30° (approximate).



正向360°，遇到到达预设扭力停
Forward 360 ° , when encounter torque , will stop



反向360°，遇到到达预设扭力停
Reverse 360° , when encounter torque, will stop

根 管 预 备 机

EMDOMOTOR Y-SMART

高标准

High Standard

精密纯不锈钢超静音16：1弯机头。

Precision pure stainless steel ultra-quiet 16:1 handpiece

超稳定

Super-Stable

原装进口电机提供更加稳定的操作性能。

Imported motor provides more stable operation

无线设计

Wireless design

突破空间的局限性和束缚，更加灵活。

Breaking through the limitation and shackles,more flexible

技 术 参 数

Technical parameter

锂 电 池 (Lithium battery)	3.7V/800mAh		
电源适配器 Power adapter			
输 入 (Input)	100V-240V	50Hz/60Hz	0.4A.Max
输 出 (Output)	DC5V/1A		
扭矩范围 (Torque range)	0.6Ncm-4.0Ncm (6mNm~40mNm)		
转速范围 (Speed range)	120rpm~500rpm		

性价之王

6 种运动模式

6 movement patterns

遇阻反转、连续运动、往复运动、单向正转、单向反转模式满足你的临床操作需要，适用于各种不同类型的根管状况，超静音机头采用高标准精做工配件生产的最新款16:1迷你减速机头，更好的解决临床操作的不稳定性；

Encountered resistance reversal, continuous movement, reciprocating movement, one-way forward, one-way reverse mode to meet your clinical needs and various types of root canal, Ultra-quiet head using high-standard precision work accessories production of the latest model 16:1 Mini reducer head, to better solve the instability of clinical operation;

超静音机头

Ultra-quiet handpiece

采用高标准精加工配件生产的最新款16:1迷你减速机头，更好的解决临床操作的不稳定性；

Using latest design of 16:1 mini reduction handpiece with high standard parts and it can better resolve the instablity.



纯 不 锈 钢 超 静 音 1 6 : 1 弯 机 头

可 选 择 更 换 2 0 : 1弯 机 头

Pure stainless steel ultra-quiet 16:1 handpiece

Also can choose 20:1 handpiece



根管预备机

EMDOMOTOR Y-SMART S

想你所想

根管预备机

带给您根管治疗新体验

Bring you a new experience of root canal therapy



美学设计



纯不锈钢一体式
16：1弯机头
Stainless Steel one-piece
mini-head piece

进口超静音电机
超长寿命，可靠高效
Imported ultra-quiet motor
Long life, reliable and efficient

超强持续性旋转模式
120-800rpm可调速度
Super continuous rotation mode
120-800rpm adjustable speed

模式丰富 切换自如
10种可调节速度、扭矩、角度的记忆模式
Rich Mode, easy to switch
10 memory modes with adjustable speed,
Torque and angle

高清OLED屏幕
简洁清晰
High definition OLED screen
It's concise and clear

持久续航
进口1500mAh大容量锂电池
Sustained endurance Imported
1500mAh high capacity
lithium battery

TYPE-C无线充电
TYPE-C wireless charging

根 管 预 备 机

EMDOMOTOR Y-SMART S

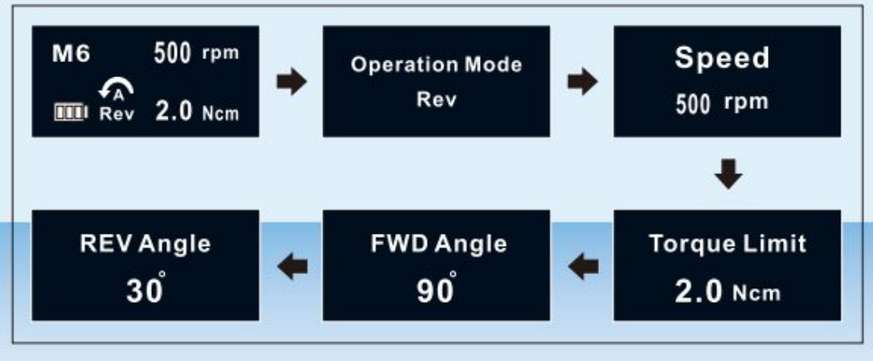
工 作 模 式

Work modes

- **Fwd: 正向360 °自动运动，正转到达预设扭力反转，去除扭力恢复正转。**
  Fwd: Forward 360° automatic movement, positive rotation plus torque reversal, remove the torque and resume normal rotation.
- **Rev : 反向360 °自动运动，反转到达预设扭力正转，去除扭力恢复反转。**
  REV: Reverse 360 ° automatic motion,Reverse plus torque forward rotation, Remove the torque and resume the reversal.
- **A F : 正向往复运动，正转反转不断循环。**
  A F: Forward reciprocating motion, continuous cycle between forward rotationand reverses
- **A R : 反向往复运动，反转正转不断循环。**
  AR: Reverse reciprocating motion, continuous cycle between reverses andforward rotation.
- **TCF: 自动反转关闭： 正转360 °，到达预设扭力停**
  TCF:Automatic reverse close:forward 360 ° ,when encounter torque ,will stop
- **TCR: 自动正转关闭：反转360 °，到达预设扭力停**
  TCR:Automatic forward rotation close:reverse 360° , when encounter torque,it will stop

功 能 选 择

Functional selection





产 品 概 述

Product overview

- **电池电量1500mAh，扭矩显示(显示电动马达工作时的力矩0.5~4.0N.cm)，转速显示(120-800rpm)。**
  The battery capacity is 1500mAh, the range of torque is 0.5~4.0N.cm and the range of speed is 120~1000rpm.
- **本机有10种记忆功能，医生可以根据不同型号的根管锉来设置不同的扭矩和转速，方便操作。**
  The endomotor has 10 memory modes, the dentists can set different torque and speed according to the different types of files.
- **在扩大根管的过程中，根管锉扭矩如果超过设定值后，为防止侧穿及断针，电动马达会自动反转，带有往复旋转模式，往复切割，手术高效安全，医生亦可根据实际情况调节机器的手动反转。**
  In the process of expanding the root canal, if the files torque is exceeded, the electric motor will automatically reverse in order to prevent the root canal perforation and the files breakage. The endomotor has reciprocating rotation mode, reciprocating cutting, and the operation are efficient and safe, the dentists canalso adjust manual rotation according to actual situation.
- **为减轻医生的经济负担，更好地做好消毒问题，本机选用高质量16:1可拆卸的低速弯机头，使机头噪音减小并延长使用寿命。**
  In order to reduce the doctor's financial burden and better dealwith disinfection problems,this endomotor uses a high-quality16:1 detachable low-speed handpiece,
  It can reduce the handpiecenoice and increase the service life.
- **内置充电电池，左右手切换模式，自我校准功能，音量调节，自动关机等操作更方便，更人性化。**
  Build in rechargeable battery, left and right hand switching mode,self-calibration function, volume adjustment, auto power-off,etc.

根 测 一 体 预 备 机

EMDOMOTOR Y-SMART PRO

功 能 特 点

Functional features

- **无线手柄，操作更自如。**
  Wireless Controller, easy to operate.
- **无线有线双模充电：根测孔有线充电（需安卓充电线）**
  Wireless wired dual-mode charging: Root gauge hole wired charging (android charging wire required)
- **内置根测** Built-in root canal heasurement
  - **可单独作根测使用** Be used as root test alone
  - **多频技术，高精准测量** Multi-frequency technology, high precision measurement
- **10种可调节速度、扭矩、角度的记忆模式**
  10 memory modes with adjustable speed, torque and angle
- **顺时针旋转 逆时针旋转 往复模式 单独根测 适应性扭矩控制**
  Clockwise rotation Counterclockwise rotation Reciprocating mode Single root test Adaptive torque control
- **持续性旋转模式** Continuous rotation mode
  - **120-800rpm可调速度** 120-800rpm adjustable speed
- **往复模式角度可调** Adjustable automatic reciprocating movement
- **马达与根测合二为一，根尖到达设定距离自动反转或停止**
  The motor and the root test are combined into one,and reverse or stop automatically when meet root tip.

技 术 参 数

Technical parameter

锂 电 池 (Lithium battery)	3.7V/1500mAh		
电源适配器 Power adapter			
输 入 (Input)	100V-240V	50Hz/60Hz	0.4A.Max
输 出 (Output)	DC5V/1A		
扭矩范围 (Torque range)	0.5Ncm-4.0Ncm (5mNm~40mNm)		
转速范围 (Speed range)	120rpm~800rpm		





单独根测系统

Individual root measure system

多频根尖定位技术，高精度测量根管长度

Multi-frequency apex positioning technology, high-precision measurement of root canal length



边测边扩模式

Measure and expand mode

自动启停，自动反转和停止功能

Auto Start-Stop, Auto Reverse and Auto Stop functions



根测一体预备机

EMDOMOTOR Y-SMART PRO



INTELLIGENT FASHION

智能切换

根管马达，根管长度测量，马达根测二合一

无需手动切换！扭力反转，根尖反转更智能！更安全！

Endomotor, root canal length measurement, treatment and measurement two in one
No need to switch manually! Torsion reversal, apical reversal is more intelligent! safer!

1:1弯机头
1:1 handpiece
纯不锈钢
一体化机身设计
pure stainless steel
integrated fuselage design

360度可旋转
360 degree rotation
超长寿命
更美观、更人性化
ultra-long life
More beautiful, more humanizesd

进口电机
Imported Motor
高效、可靠、稳定
Efficient, reliable and stable

左右手切换屏幕
hands Switch screens
suit your personal babits
符合你的个人习惯
In keeping with your personal habits

往复运动模式
Reciprocating motion mode
角度可调节
adjustable angle

OLED显示屏
OLED display
更清晰、更简洁
more clearly、more concise

持久电力
Persistent power
1500mAh大容量进口电池
1500mAh large capacity
imported battery

内置锉参数
Built-in file parameter
内置世界主流根管锉系统参数
更强大、更方便
Built-in world mainstream
root canal file system parameters
more powerful, more convenient

内置根测系统
Built-in root measure system
马达根测二合一，更智能、更安全
motor & root test two-in-one
more intelligent,safer

光纤根管预备机

EMDOMOTOR Y-SMART FIBER I

专利产品

全球首款 Global First

光纤根管预备机

Optical fiber Endomotor

国家专利

Patented product

3 项国家专利

3 national patents

1 项发明专利

1 invention patent

1 项外观专利

1 appearance patent



光纤根管预备机

EMDOMOTOR Y-SMART FIBER I

功能特点

Functional features

- 创新革命性光纤弯机照明，6角度光源调整，光纤照明时间可调
  Innovative and revolutionary fiber optic handpiece lighting
  6-angle light source adjustment, fiber optic lighting time is adjustable
- 时尚外观设计，轻巧机身， 高清OLED屏幕
  Stylish design, lightweight body, HD OLED screen
- 10种程序记忆，6种工作模式
  10 kinds of program memory, 6 kinds of working modes
- 扭矩: 0.5Ncm-4.0Ncm
  Torque: 0.5Ncm-4.0Ncm
- 转速: 120rpm~800rpm
  Speed: 120rpm~800rpm
- 马达工作中可调整转速和扭矩
  Adjustable speed and torque during endomotor operation
- 长按反转功能
  Long press reverse function
- 无线充电
  Wireless charging

技术参数

Technical parameter

锂 电 池 (Lithium battery)	3.7V/800mAh		
电源适配器 Power adapter			
输 入 (Input)	100V-240V	50Hz/60Hz	0.4A.Max
输 出 (Output)	DC5V/1A		
扭矩范围 (Torque range)	0.6Ncm-4.0Ncm (6mNm~40mNm)		
转速范围 (Speed range)	120rpm~800rpm		



Y-SMART MINI

迷 你 根 管 预 备 机



迷 你 根 管 预 备 机

EMDOMOTOR Y-SMART MINI

功 能 特 点

Functional features

- 时尚外观设计，轻巧机身， 高清OLED屏幕
  Stylish design, lightweight body, HD OLED screen
- 10种程序记忆，6种工作模式
  10 kinds of program memory, 6 kinds of working modes
- 扭矩: 0.5Ncm-4.0Ncm
  Torque: 0.5Ncm–4.0Ncm
- 转速: 120rpm~800rpm
  Speed: 120rpm~800rpm
- 马达工作中可调整转速和扭矩
  Adjustable speed and torque during endomotor operation
- 长按反转功能
  Long press reverse function
- 无线充电
  Wireless charging

技 术 参 数

Technical parameter

锂 电 池 (Lithium battery)	3.7V/800mAh		
电源适配器 Power adapter			
输 入 (Input)	100V–240V	50Hz/60Hz	0.4A.Max
输 出 (Output)	DC5V/1A		
扭矩范围 (Torque range)	0.6Ncm–4.0Ncm (6mNm~40mNm)		
转速范围 (Speed range)	120rpm~800rpm		

根 测 一 体 预 备 机

EMDOMOTOR Y-SMART APEX

功 能 特 点

Functional features

- **无线手柄，操作更自如。**
  Wireless Controller, easy to operate.
- **根测孔有线充电（需安卓充电线）**
  Root gauge hole wired charging (android charging wire required)
- **内置根测** Built-in root canal heasurement
  - **可单独作根测使用** Be used as root test alone
  - **多频技术，高精准测量** Multi-frequency technology, high precision measurement
- **10种可调节速度、扭矩、角度的记忆模式**
  10 memory modes with adjustable speed, torque and angle
- **顺时针旋转 逆时针旋转 往复模式 单独根测 适应性扭矩控制**
  Clockwise rotation Counterclockwise rotation Reciprocating mode Single root test Adaptive torque control
- **持续性旋转模式** Continuous rotation mode
  - **120-800rpm可调速度** 120-800rpm adjustable speed
- **往复模式角度可调** Adjustable automatic reciprocating movement
- **马达与根测合二为一，根尖到达设定距离自动反转或停止**
  The motor and the root test are combined into one,and reverse or stop automatically when meet root tip.

技 术 参 数

Technical parameter

锂 电 池 (Lithium battery)	3.7V/800mAh		
电源适配器 Power adapter			
输 入 (Input)	100V-240V	50Hz/60Hz	0.4A.Max
输 出 (Output)	DC5V/1A		
扭矩范围 (Torque range)	0.5Ncm-4.0Ncm (5mNm~40mNm)		
转速范围 (Speed range)	120rpm~800rpm		



根 测 一 体 预 备 机

EMDOMOTOR Y-SMART APEX

集大成者

INTELLIGENT FASHION

智能切换

根管马达，根管长度测量，马达根测二合一

无需手动切换！扭力反转，根尖反转更智能！更安全！

Endomotor, root canal length measurement, treatment and measurement two in one
No need to switch manually! Torsion reversal, apical reversal is more intelligent! safer!





单独根测系统

Individual root measure system

多频根尖定位技术，高精度测量根管长度

Multi-frequency apex positioning technology, high-precision measurement of root canal length

边测边扩模式

Measure and expand mode

自动启停，自动反转和停止功能

Auto Start-Stop, Auto Reverse and Auto Stop functions

左右手切换屏幕
hands Switch screens
suit your personal babits
符合你的个人习惯
In keeping with your personal habits

往复运动模式
Reciprocating motion mode
角度可调节
adjustable angle

OLED显示屏
OLED display
更清晰、更简洁
more clearly、more concise

持久电力
Persistent power
800mAh大容量进口电池
800mAh large capacity
imported battery

360度可旋转
360 degree rotation
超长寿命
更美观、更人性化
ultra-long life
More beautiful, more humanizesd

内置根测系统
Built-in root measure system
马达根测二合一，更智能、更安全
motor & root test two-in-one
more intelligent,safer

16:1弯机头
16:1 handpiece
纯不锈钢
一体化机身设计
pure stainless steel
integrated fuselage design



Y-SMART MAX EMDOMOTOR

10 种智能模式
10 Smart Modes

P1：模式一、正向360°自动运动，正转到达扭力反转，去除扭力恢复正转。
Mode 1. Automatically move 360° in the direction of clockwise, counter movement once it reaches torsion.

P2：模式二、反向往复运动，反转正转不断循环。
Mode 2. Continuously repetitive clockwise and anticlockwise movement

P3：模式三、反转360°自动运动，反转到达扭力正转，去除扭力恢复反转。
Mode 3. Automatically anticlockwise movement 360°, clockwise movement when it reaches torsion, anticlockwise movement when the torsion vanishes

P4：模式四、正向往复运动，正转反转不断循环。
Mode 4. Continuously repetitive clockwise and anticlockwise movement

P5：模式五、正向360°，到达扭力停。
Mode 5. clockwise movement 360°, stops when it reaches torsion

P6：模式六、反向360°，到达扭力停。
Mode 6. Anticlockwise movement 360°, stops when it reaches torsion

P7：模式七、正向360°自动运动，正转到达扭力反转，去除扭力后停止
Mode 7. Automatically clockwise movement, anticlockwise movement when it reaches torsion. Stop when the torsion vanishes.

P8：模式八、反转360°自动运动，反转到达扭力正转，去除扭力后停止
Mode 8. Automatically anticlockwise movement, clockwise movement when it reaches to the torsion, stop when the torsion vanishes

P9：模式九、持续正转模式，无扭力判断
Mode 9. Continuously clockwise movement

P0：模式十、持续反转模式，无扭力判断
Mode 10. Continuously anticlockwise movement

EMDOMOTOR Y-SMART MAX



功 能 特 点

Functional features

本产品根尖符合人体工学设计，机体轻巧，便于携带
The root tip of this product is ergonomic design, lightweight body, easy to carry

配迷你型按压式16:1（左右往复）弯机，配合机用锉（手用锉）操作。
With mini press type 16:1 (left and right reciprocating) contra angle handpiece, with machine file (hand file) to operation

设有10种程序(设定记忆)供选择。
There are 10 programs (set memory) to choose

根据设定的负荷可以自动反转，自动停止工作，能够记住每个程序不同的动作。
According to the set load can be automatically reversed, automatic stop work, can remember the different actions of each program

弯机与灯架可承受134°高温高压灭菌消毒。
contra angle handpiece and led holder can withstand 134° high temperature autoclave sterilization

技 术 参 数

Technical parameter

锂 电 池 (Lithium battery)	3.7V/800mAh		
电源适配器 Power adapter			
输 入 (Input)	100V-240V	50Hz/60Hz	0.4A.Max
输 出 (Output)	DC5V/1A		
扭矩范围 (Torque range)	0.6Ncm-4.0Ncm (6mNm~40mNm)		
转速范围 (Speed range)	120rpm~600rpm		



热牙胶充填系统

OBTURATION SYSTEM SY-FILL

新升级

热牙胶充填系统

快速升温 精准控温 防漏胶



热熔充填枪 [功能特点] Features (Obturation gun)

无线三维填充设计
Wireless 3D filling design

银针可360°旋转。
The silver needle can rotate 360° .

精准控温，误差1%。
Accurate temperature control with an error of 1%.

握持舒适，操作灵便
Comfortable holding and easy to operate

温度控制精准，以及温度保护套可防止意外的烫伤
Accurate temperature-control and thermal protector cap can prevent accidental scald.

注射枪内螺旋设计，预防漏胶。
Screw design can effectively prevent excessive glue.

30S即可加热到200°C，高效熔化各种品牌牙胶。
It can be heated to 200° C in 30s, which can melt all kinds of gutta percha.

超大容量电池，续航时间长
Large battery capacity and it can use longer time.

自动闲置节能模式，当设备超过15分钟无任何操作时，将自动关机。
Auto idle power saving mode, the device will turn off automatically after 15mins of non-use

热熔充填笔 [功能特点] Features(Obturation pen)

无线手持，操作简便，机体轻盈。
Wireless design, easy to operate and light body

发热针型号及温度模式可调，热牙胶垂直加压技术，压缩牙胶尖更紧凑。
Ajustable hot needle size and temperature mode,gutta percha vertical condensation technique can compress gutta percha more compact.

自带加热保护功能，携热器加热5-30秒可调，更高效，安全。
It has own heating protection function, Heat carrier heating 5-30 seconds adjustable, more efficient and secure.

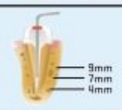
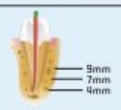
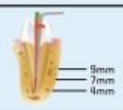
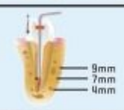
精准的顶端控制，三维充填更彻底。
Accurate control and 3D filling more thoroughly.

携热器2S左右加热至230℃
It can be heated to 230℃ in 2s.

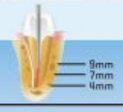
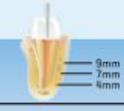
可选温度：160/180/200/230°C。
Optional temperature:160/180/200/230℃

填充技术

充填笔对根管内 1/3 处进行充填 The filling of the apical 1/3 of the root canal using obturation pen

步骤一 Step one	步骤二 Step two	步骤三 Step three	步骤四 Step four
			
标记笔尖工作长度，距跟尖4~7mm处，以确保牙胶充填的流动性和封闭性。 Mark the working length ofthe pen tip, 4~7mm from the apex, to ensure the fluidity and sealin of the filling.	放入经密封胶浸润的主牙胶尖进根管。 Insert the master gutta-percha point infiltrated with sealant.	放入笔尖并加热，从中部切断并向下加压至6~9处，停留1.5~2S。 Put the pen tip and heat it, cut it from the middle and press down to 6~9mm, stay for 1.5~2s.	停止加热笔尖并继续加压8S，再次加热笔尖1~1.5S，加压牙胶尖到距根尖4~7mm处。 Stop heating the tip withcontinuous pressure for 8s.Heat the tip again for 1~1.5s.Press gutta percha to 4~7mm from the heat tip.

充填枪对根管内 2/3 处进行充填 The filling of the coronal 2/3 of the root canal using obturation gun

步骤一 Step one	步骤二 Step two	步骤三 Step three	步骤四 Step four
			
放入枪尖刀根管内与原牙胶表面接触，加热3-5S Put the tip of the gun needle into root canal,in close contact with master gutta percha, heat for 3~5s	继续填充，挤出牙胶。 Continue to fill by squeezing the teether.	一边回提枪尖一边挤出熔化的牙胶到根管内，并将牙胶压紧。 While pushing back the tip of the gun, squeeze the melted gutta percha into root canal and press the gutta percha around it.	完全填充整个根管。 Completely fill the entire root canal.

氧化铝喷砂系统

Alumina oxide Micro-blast system

功 能 特 点

Functional features

- **人性化手柄设计，独特外观；**
  Humanized handle design, unique appearance;
- **精确，可靠的喷砂流量，手指按键控制；**
  Accurate and reliable sandblasting flow rate, finger button control;
- **防回吸，不易堵塞；**
  Anti-suckback and not easy to block;
- **粘接力大大提升，大幅度降低粘接失败率；**
  The adhesive force is greatly improved,
  which greatly reduces the failure rate of bonding.

该喷砂洁牙机使用氧化铝喷砂粉，可对瓷、树脂、纤维桩
The sandblasting machine uses alumina sandblasting powder, which can evenly and slightly coarsening
及托槽等包括金属表面进行均匀微粗化处理，以提高粘接强度;
porcelain, resin, fiber posts and brackets, including metal surfaces, so as to improve the bonding strength.
由高品质不锈钢及特殊耐金属材质制作，
Made of high quality stainless steel and special metal resistant materials.
结实耐用，设计符合人体工程学，装配公差配合精确，
Sturdy and durable, ergonomic design, accurate assembly tolerance.
可有效提高产品的使用寿命和精准度。
It can effectively improve the service life and accuracy of the product.

产 品 用 途

Product use

- **外应用：用于粘接前材料表面清洁和微粗糙化处理：**
  External application: used for surface cleaning and micro-roughening treatment before bonding
- **金属/瓷冠；**
  Metal/porcelain crown
- **纤维桩；**
  Fiber Post;
- **嵌体/高嵌体；**
  Inlay/onlay
- **马里兰桥；**
  Maryland Bridge
- **正畸托槽和支架；**
  Orthodontic brackets
- **二次粘接目前去除原有粘接层水门汀；**
  Removal of the original adhesive layer of cement before secondary bonding
- **金属铸造修复体缺陷检测；**
  Defect detection of metal casting restorations
- **内应用：瓷或树脂修复体缺损在修复治疗中的表面微粗化**
  Internal application: surface roughening of porcelain or resin prosthetic defects in prosthetic treatment.



■ 根管荡洗器

Endo Ultra Activator

超声根管荡洗器

DG-Ultra

机头可340°旋转

340° rotatable head



无线设计，机身仅96克

Wireless design, only 96g

无线工作，更灵活，符合人体工程

Wireless operation,more flexible,ergonomic

超长续航，电量提示

Super endurance, battery tips

电池容量1500mAh,连续工作4.5h

Battery capacity 1500mAh Continuous work for 4.5hrgonomic

真正的安全荡洗

A truly safe endo ultra activator

自动调整频率，工作30秒后自动关机，

荡洗频率：45KHz

Auto frequency adjustment
Auto shutdown after 30 seconds of operation
Vibration frequency:45KHz

• 两种工作模式：

标准模式、超强模式

扳手、橡胶盖、工作尖耐134℃，0.22Mpa
消毒，可高温高压消毒，耐高温高压灭菌。
工作尖：21mm 光面和纹面

• Two working modes:

Normal mode、Powerful mode

Wrench, silicone cover and working tip
can withstand 134 ℃, 0.22mpa disinfection
High temperature and high pressure
sterilization
Working tip:21mm Grain surface and flat surface



牙科种植用扳手

DENTAL IMPLANT WRENCH

—适用多品牌植体系统—



产品用途

Product Usage:

- **适用于多品牌植体系统**
  Suitable for multi-brand implant system
- **可用于种植体植入过程或装基台、牙冠、取模等。**
  It can be used for implant implantation process or abutment, crown, mold taking, etc
- **扭力控制精准**
  Accurate torque control
- **解决患者口腔后牙张合度不足问题**
  Solve the problem of insufficient occlusion of the patients' posterior teeth
- **采用预加应力，避免螺丝松动和断裂风险**
  Use pre-stress to avoid the risk of screw loosening and fracture.

功能特点

Functional features

- **金属卡扣，坚固不掉**
  Metal buckle, sturdy and durable
- **18cm机身，深入口腔轻松操作**
  18cm body,easy operation for deep in the mouth
- **高精度CNC车床加工**
  High precision CNC lathe machining
- **带扭矩刻度指示**
  With torque scale indication

根管测量仪 Apex locator



精 采用多频根尖定位
准 有效避免了主观因素影响测量结果

Precise
Multi-frequency apical positioning
Effectively avoid subjective factors affecting the measurement results

可 实时显示根管锉在根管内的移动
靠 根尖狭窄独特放大显示

Reliable
Real-time display of root canal file movement in the root canal
Unique enlarged display of apical stenosis

安 避免传统测量方法的X光辐射
全 有效避免根管的超 充与欠充

Safety
Avoid X-ray radiation of conventional measurement methods
Effectively avoids overfilling and underfilling of root canals

产 品 介 绍

根管测量仪是牙医进行根管治疗的辅助设备，通过对牙齿根尖长度进行测量，帮助牙医完成根管治疗。

功 能 特 点

- 配有彩色液晶屏，图像清晰，多种颜色清晰指示针在根管中的轨迹；
- 基于多频独立网络测量技术，自动校准保证了测量的准确度；
- 锉夹、唇挂钩和探针可高温高压消毒，避免交叉感染；

Apex locator is a supporting device of endodontic treatment, through measuring the apexworking length, helping dentists to finish the endodontic treatment

Device Features

- Advanced multi-frequency network technology of apex location and automatic calibrating ensures the measurements are accurate.
- Large colored display, touch button, different colors indicate the trajectory of the file clearly.
- High capacity rechargeable battery with 3.7V/2000mAh.

DG-ANESTHESIA

口腔麻醉助推仪

ORAL ANESTHESIA BOOSTER

- 彩色TFT屏幕，触摸感应注射
  TFT colorful screen, touch sensing injection
- 适时感知压力，注射速度精准
  Timely sensing of pressure and accurate injection speed
- 快中慢三种速度可选，回吸功能
  Three speeds are available: fast, medium and slow, with suction back function
- 全程按键语音提示以及可选背景音乐
  There are key voice prompts and optional background music throughout the process

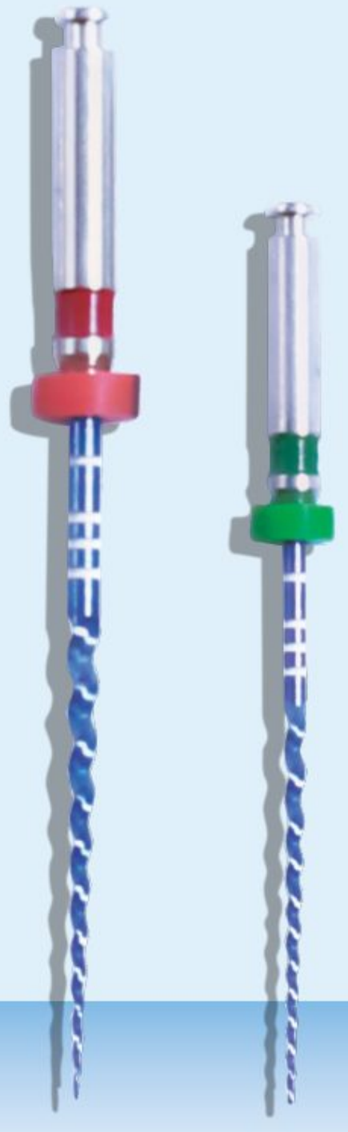




DS系列 机用锉

DS Series ROTARY FILES





超强
抗折断

Strong antiflex

高效
切削

high efficiency

安全
简捷

Save and simple

安全 / 高效 / 简单 / 柔软 / 可预弯 / 抗疲劳

Secure / Efficient / Simple / Soft / Preflexible / Antifatigue

DS-M MIE微创版 MIE VERSION



DS-M	20/02	20/04	25/04	30/04
锥 度 Taper	2%	4%	4%	4%
型 号 Size	#20	#20	#25	#30
转 速 Speed	350	350	350	350
扭 矩 Torque	1. 5	1. 5	1. 5	1. 5
颜 色 Color	黄	黄	红	蓝

使 用 说 明

- 手用10号不锈钢K锉疏通根管，测量工作长度。
- 手用15号不锈钢K锉疏通根管。
- 机用通道#20/02，建立光滑通道。
- 依次使用#20/04(黄色)，#25/04(红色)，#30/04(绿色)在冲洗液浸泡下，用提刷式手法，每1-2mm即短促提拉，直到锉不再自动下行。
- 每换一次锉时都使用冲洗液(推荐次氯酸钠)冲洗，用15号或不锈钢K锉捣碎碎屑，并利用EDTA凝胶润滑根管。
- 请务必保持根尖1/3处的充分浸润，当遇到阻力过大时，请用小一号锉进行回锉。

Instructions

- Using 10# SST K-Files to dredge root canal and measure the work length.
- Using 15# SST K-Files to dredge root canal.
- Using open file to open the crown and middle upper part of root canal.
- Using path file #20/02 to create smooth channel.
- #20/04(yellow), #25/04(red), #30/04(green) are used in order. In the soaking of the rinsing liquid, use the brushing method, when come down 1-2mm then lift the files until the files don't automatically come down.
- Rinse with rinsing solution (recommended sodium hypochlorite) every time you change the files, mash debris with 15# SST K-Files, and lubricate the root canal with EDTA.
- Be sure to keep the full penetration of the 1/3 of root tip. When the resistance is too strong, please use the files with smaller size.

温 馨 提 示

DS 推荐使用次数

前牙建议: 30个根管

后牙建议: 15个根管(或者5颗后牙)急根管的预备，对器械伤害巨大，推荐一次性使用。

Warm tips

DS Recommended usage count

Anterior teeth: 30 root canals

Posterior teeth: 15 root canals(or 5 posterior teeth),will cause huge damage to the device and recommended for one-time use.

DS-Path 通道锉 PATH FILES

DS-Path通道锉预备出来的通道，具有同心度好，光滑度高的特点。持续的高速单向旋转，可以使碎屑持续向上排屑，防止碎屑推出根尖孔，避免形成术后反应。

The channel is prepared by DS-Path Files has goodconcentricity and high smoothness. Continuous high speed of one-way rotation can continuouslyremove debris upward, which avoid debris to push out from apicalforamen, then avoid the formation of postoperative reactions.



DS-Path	DP-1	DP-2	DP-3
锥 度 Taper	2%	2%	2%
型 号 Size	#14	#17	#20
转 速 Speed	350	350	350
扭 矩 Torque	1. 5	1. 5	1. 5
颜 色 Color	蓝	白	黄

使 用 说 明

- 在使用镍钛锉之前确保使用不锈钢锉或者镍钛通道锉来疏通根尖达到适当的宽度。
- 临床研究证明，使用通道锉来预备根管使根管达到#20号粗细，可以增加安全性和高效率。

Instructions

- Before using NITI Files, make sure that use SST Files or niti path files to dredge root canal until reaching the proper width.
- Clinical studies have demonstrated that use path files to prepare root canal and make the root canal reach 20# thickness, which can increased security and efficiency.



产品特点 Features

单支锉可以完成根管预备

超强切割，工作步骤少，高效且省时

变锥度设计使切削出的碎屑和感染

物质更易排除， 预备效率更高

One File can complete root canal preparation

Strong cutting,fewer work steps, efficient and time saving

The design of variable taper makes debris and infectious materials easily remove and have high efficency.

先进热处理工艺

采用变锥度设计

DS全新往复技术



Advanced heat treatment process

Adopt variable taper design

DS new reciprocating technology



DS-R	R-1	R-2	R-3
型 号 Size	#20	#25	#35
锥 度 Taper	7%	7%	6%
颜 色 Color			
旋转方向 Rotation direction	往 复 切 削 Reciprocating cutting		

使 用 说 明

- 推荐使用06锥度牙胶尖充填
- 首先要先了解根管的情况(根管大小、长度、数量、弯曲度)，选出适合根管的不锈钢K锉，不锈钢K锉的选择，有助于对DS-R极速版的选择。
- 如果连10号锉都很难通过，用DS--R第一支(R-1黄色)。
- 普通一般根管用DS--R第二支(R-2红色)。
  如果20号锉很容易通过，用DS--R第三支(R-3绿色)。

Instructions

- It is recommended that use gutta percha with 06 taper to fill.
- First of all, we must first understand the condition of the root canal (root canal size, length, number, curvature), and select the suitable SST K-Files. The choice of SST k-Files can help choose the size of DS-R rapid version.
- If 10# K-Files is difficult to pass into root canal, use DS-R the first one(R-1 yellow).
- About common root canal, use the DS-R the second one(R-2 red).
- If 20# K-Files is easy to pass into root canal, use DS-R the third one(R-3 green).

注 意 事 项

- 提拉DS-R极速版的锂，下去如遇到阻力，可在提上来的时候往根管壁处用刷式手法提拉。
- 每次进入到3-4mm需要拿出锂，对根管进行“冲洗、回锂、再冲洗。”
- DS-R极速版试用期，建议用我们的DS-Path（通道镍），预备到20号。顺滑通道，对锂的安全性会有很大的提高。

Warm tips

- Lifing the DS-R Files, If meet with resistance when comes down, can use brushingmethod to lift the files.
- Every time comes down 3-4mm, please take out the files, then "rinse, use the fileswith smaller size to take out debris, then rinse again"
- It is recommended that use DS-Path files to create a smooth channel firstly.

DS 安全版 SECURITY VERSION



DS安全版 DS Security version	开口锉 Open File	20/02	18/05	25/04	30/04
锥 度 Taper	12%	2%	5%	4%	4%
型 号 Size	#18	#20	#18	#25	#30
转 速 Speed	300	350	350	350	350
扭 矩 Torque	3. 0	1. 5	2. 0	1. 5	1. 5
颜 色 Color	黄	黄	黄	红	蓝

使 用 说 明

- 手用10号不锈钢K锉疏通根管，测量工作长度。
- 手用15号不锈钢K锉疏通根管。
- 使用开口锉，对冠方和中上部进行预敞。
- 机用通道#20/02，建立光滑通道。
- 依次使用#18/05(黄色)，#25/04(红色)，#30/04(蓝色)，在冲洗液浸泡下，用提刷式手法，直到锉不再自动下行。
- 每换一次锉时都使用冲洗液(推荐次氯酸钠)冲洗，用15号或不锈钢K锉捣碎碎屑，并利用EDTA凝胶润滑根管。
- 请务必保持根尖1/3处的充分浸润，当遇到阻力过大时，请用小一号锉进行回锉。

Instructions

- Using 10# SST K-Files to dredge root canal and measure the working length.
- Using 15# SST K-Files to dredge root canal.
- Using open file to open the crown and middle upper part of root canal.
- Using path file #20/02 to create smooth channel.
- #18/05(yellow), #25/04(red), #30/04(blue) are used in order. In the soaking of the rinsing liquid, use the brushing method until the files does not automatically go down.
- Rinse with rinsing solution (recommended sodium hypochlorite) every time you change the files, mash debris with 15# SST K-Files, and lubricate the root canal with EDTA.
- Be sure to keep the full penetration of the 1/3 of root tip. When the resistance is too strong, please use the files with smaller size.

温 馨 提 示

DS 推荐使用次数
前牙建议: 30个根管
后牙建议: 15个根管(或者5颗后牙)急根管的预备，对器械伤害巨大，推荐一次性使用。

Warm tips

DS Recommended usage count
Anterior teeth: 30 root canals
Posterior teeth: 15 root canals(or 5 posterior teeth),will cause huge damage to the device and recommended for one-time use.

DS-Pro 专业版 PRO VERSION



DS-Pro	开口锉 Open File	20/02	18/05	25/04	25/06	35/04
锥 度 Taper	12%	2%	5%	4%	6%	4%
型 号 Size	#18	#20	#18	#25	#25	#35
转 速 Speed	300	350	350	350	350	350
扭 矩 Torque	3. 0	1. 5	2. 0	1. 5	2. 0	1. 5
颜 色 Color	黄	黄	黄	红	红	绿

使 用 说 明

- 手用10号不锈钢K锉疏通根管，测量工作长度。
- 手用15号不锈钢K锉疏通根管。
- 使用开口锉，对冠方和中上部进行预敞。
- 机用通道#20/02，建立光滑通道。
- 依次使用#18/05(黄色)，#25/04(红色)，#25/06(红色)#35/04(绿色)，在冲洗液浸泡下，对根管中部用提刷式手法，根尖部分即短促提拉，以点啄式手法预备到工作长度。
- 每换一次锉时都使用冲洗液(推荐次氯酸钠)冲洗，用15号或不锈钢K锉捣碎碎屑，并利用EDTA凝胶润滑根管。
- 请务必保持根尖1/3处的充分浸润，当遇到阻力过大时，请用小一号锉进行回锉。

Instructions

- Using 10# SST K-Files to dredge root canal and measure the work length.
- Using 15# SST K-Files to dredge root canal.
- Using open file to open the crown and middle upper part of root canal.
- Using path file #20/02 to create smooth channel.
- # 18/05(yellow), # 25/04(red), #25/06(red), #35/04(green) are used in order. In the soaking of the rinsing liquid, use the brushing method to prepare middle part of root canal and use point-and-click method to prepare until it reaches the working length.
- Rinse with rinsing solution (recommended sodium hypochlorite) every time you change the files, mash debris with 15# SST K-Files, and lubricate the root canal with EDTA.
- Be sure to keep the full penetration of the 1/3 of root tip. When the resistance is too strong, please use the files with smaller size.

温 馨 提 示

DS 推荐使用次数
前牙建议: 30个根管
后牙建议: 15个根管(或者5颗后牙)急根管的预备，对器械伤害巨大，推荐一次性使用。

Warm tips

DS Recommended usage count
Anterior teeth: 30 root canals
Posterior teeth: 15 root canals(or 5 posterior teeth),will cause huge damage to the device and recommended for one-time use.

DS-根管锉
Root canal Files



产品参数
Product parameters

规格 Size	SX	S1	S2	F1	F2	F3
颜色 Colour	●	●	●	●	●	●
转速 Speed	350rpm					
扭矩 Torque	2.0N.cm					
长度 Length	21mm 25mm 31mm					

DS-根管锉
Root canal Files



产品参数
Product parameters

规格 Size	SX	S1	S2	F1	F2	F3
颜色 Colour	●	●	●	●	●	●
转速 Speed	350rpm					
扭矩 Torque	2.0N.cm					
长度 Length	21mm 25mm 31mm					

彩虹根管锉
Rainbow Files

100%以上的灵活性

More than 100% flexibility

+300扭矩力

+300 torque force

超薄S截面

Ultra-thin S section

适用于各种根管包括弯曲根管

It is suitable for all root canals including curved root canals.



+150%的切削力

+150% cutting force

沿一方向清除碎屑

Remove debris in one direction

超级镍钛合金材料 +200抗疲劳力

Super Nitinol material +200 fatigue resistance



升级
Upgrade



正S截面
positive S section

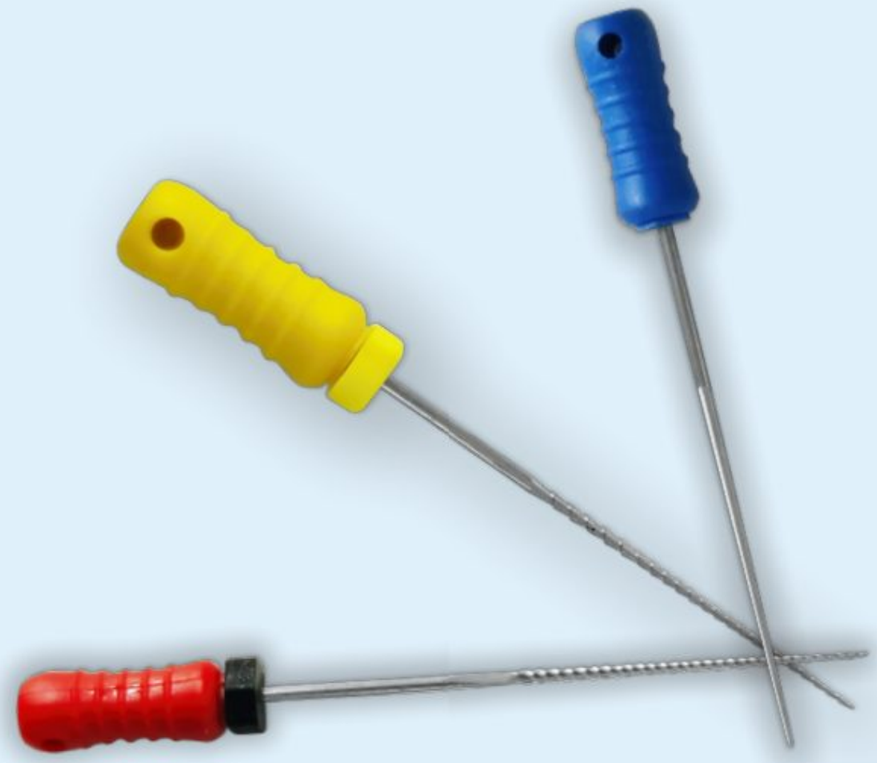
超薄S截面
Ultra-thin S section



产品参数
Product parameters

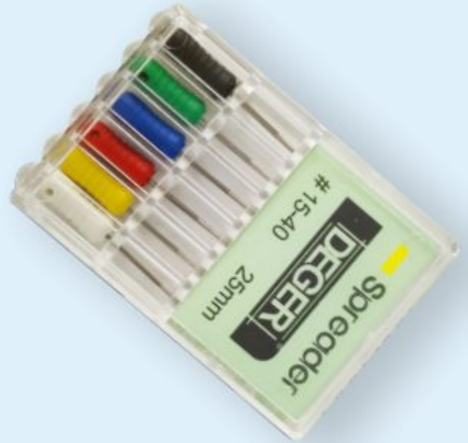
规格 Size	17/08	15/04	20/04	25/04	30/04
颜色 Colour	●	●	●	●	●
横截面 Cross section	◓	◓	◓	◓	◓
转速 Speed	350rpm				
扭矩 Torque	2.0N.cm				
长度 Length	21mm 25mm 31mm				

DEGER KHS根管锉 KHS ROOT CANAL FILES



DEGER 根管锉具有良好的抗折断性和
DEGER Root Canal Files have good anti-fract高切削力
high cutting force







KHS-根管锉
KHR ROOT CANAL FILES

可选长度与型号:
Optional length and sizes

21mm/25mm/28mm/31mm

#06	#08	#10	#15	#20	#25	#30	#35	#40
#45	#50	#55	#60	#70	#80	#15-40	#45-80	

手用-大椎度锉
Hand Use Large Taper File



切削排屑力强

轻松高效热处理

韧性强、安全可靠

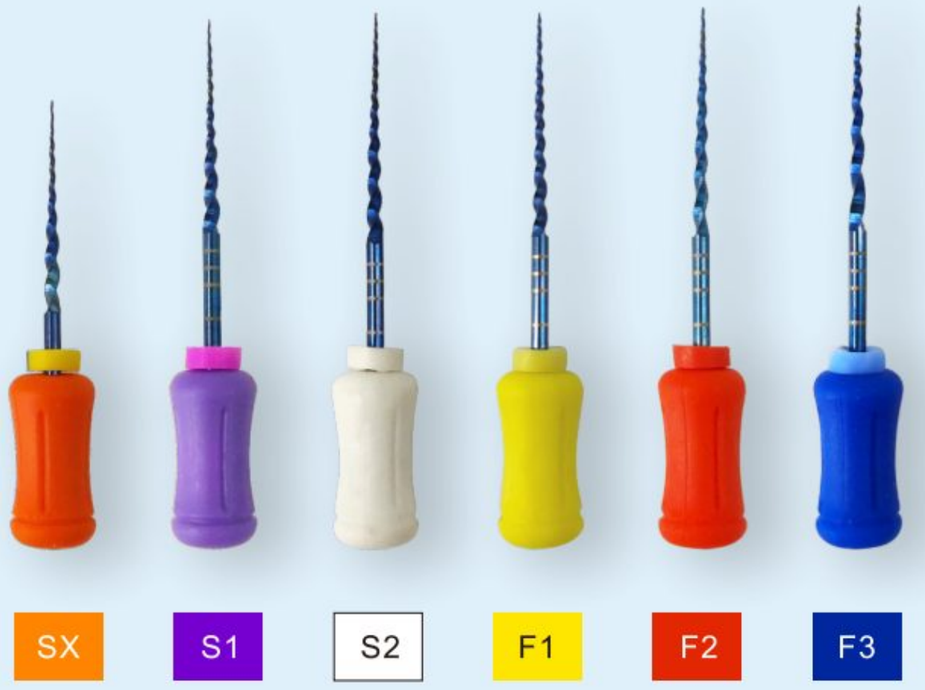
Strong cutting and chip removal force

Easy and efficient heat treatment

Strong toughness, safety and reliability

柔韧丨抗折断丨不断针

Flexible anti-breaking continuous needle



长度（length）：21mm/25mm

根管锉

Root canal file





参数信息 Parameter（21mm/25mm）

规格 Size	1708	1902	2004	2504	2506	3504
颜色 Colour	○	●	●	●	●●	●
锥度（%） Taper（%）	08	02	04	04	06	04
横截面 Cross section	▲	■	■	▲	▲	▲
工称直径 Diameter	17	19	20	25	25	35
转速（rpm） Speed（rpm）	300	350	350	350	350	350
扭矩（N.cm） Torque（N.cm）	3.0	2.0	2.0	2.0	2.0	2.0

DEGER RT锉 RT Taper File

RT

问:RT锉的作用是什么?

答:RT锉是根管再治疗锉，用于根管再治疗时，清除牙胶尖等充填物。

What is the role of RT?

RT root canal fileare endodontic retreatment files that are used to remove fillings such as gutta-percha tips during endodontic retreatment

材料:镍合金

长度:D1(16 mm)，D2(18 mm)，D3(22 mm)

颜色:银色

包装规格:6支/盒 (板)

混装/单装

灭菌:≤134°C

Material: Nickel alloy

Color: Sliver

Length: D1(16mm),D2(18mm),D3(22mm)

Packing: 6 PCS/box Mixed/single pack

Sterilization:≤134C°



产品参数
Product parameters

型号、规格 model、specification	扭矩 turque	转速 speed of rotation	横截面 cross section
D1 30/.08	2.0-3.0N.cm	250-360rpm	
D2 25/.08	2.0-3.0N.cm	250-360rpm	
D3 20/.07	2.0-3.0N.cm	250-360rpm	

Product Features:

RT(root canal fileare)

D1 the tip has a cutting function and can be inserted into the gutta -percha at the crown of the root canal without pressure on the file

D2 and D3 the tip has a guiding function to avoid deviation of the retreatment file in the middle and lower segments of the root canal

产品特点:

RT（根管再治疗锉)

D1尖端有切削功能，无需对锉加压便可进入根管冠部牙胶内。

D2和D3的尖端有导向功能，避免再治疗锉在根管的中下段产生偏移。



产品参数
Product parameters — Gate Drills — Peeso Reamers

规格 Size	#1	#2	#3	#4	#5	#6	#1-6
28mm	028 01	028 02	028 03	028 04	028 05	028 06	028 A01
32mm	032 01	032 02	032 03	032 04	032 05	032 06	032 A01

产品参数
Product parameters — Paste carrier

规格 Size	#1	#2	#3	#4	#5	#6	#1-6
28mm	028 01	028 02	028 03	028 04	028 05	028 06	028 A01
32mm	032 01	032 02	032 03	032 04	032 05	032 06	032 A01

根管充填器

DENTAL PLUGGER

DG-STUFFER





- 镍钛合金垂直加压器适用于狭窄和弯曲的根管
  Flexible Ni-Ti hand plugger for narrow and curved canals
- 国际认证ISO颜色标记
  ISO color marking
- 两种不同尺寸的尖端，且带有长度标记
  Double tip for two different sizes with length markings.
- 两侧都是灵活的镍钛尖
  Flexible Nickel-titanium tips on both sides



铝合金手柄
Aluminum alloy handle
轻巧
Light weight
更强的抗氧化性
Greater oxidation resistance



长度标记
Length markings



CoQ10 Capsules

CoQ10 Capsules is a high-potency dietary supplement. Each serving delivers 300mg Coenzyme Q10 (Ubi decarenone), combined with Vitamin E for synergistic effects. As a natural antioxidant produced in the human body, CoQ10 supports heart wellness, facilitates cellular energy production, promotes energy and stamina, and maintains healthy brain function. It is ideal for long-term daily supplementation for people focusing on cardiovascular care and those prone to fatigue.

Product Advantages

High-potency formula with 300mg CoQ10 per capsule to meet daily wellness needs

Fortified with Vitamin E to boost antioxidant effects

Clean formula without unnecessary additives; gelatin capsules for convenient intake and absorption

Supports heart health, cellular energy production, energy stamina and healthy brain function

Key Ingredients (Per Serving: 1 Capsule)

Coenzyme Q10 (Ubi decarenone) 300 mg, Vitamin E 68 mg

Other Ingredients: Gelatin Capsule





Turmeric Curcumae

Turmeric Curcumae is a natural botanical dietary supplement. It adopts standardized 95% turmeric extract rich in curcumin, blended with ginger and organic black pepper to boost curcumin absorption. Curcumin features excellent antioxidant properties. It is suitable for long-term supplementation for people who focus on joint comfort and daily body wellness, helping ease physical discomfort and maintain healthy physical condition.

Product Advantages

High-standard raw material, turmeric extract standardized to 95% curcuminoids with abundant active ingredients

Added organic black pepper and ginger to improve curcumin absorption and provide synergistic support

Plant-based capsule shell, vegetarian friendly, clean formula without redundant additives

Only 1 capsule per day, easy administration; 60-day supply per bottle

Key Ingredients (Per Serving: 1 Capsule)

Turmeric 95% Extract 750 mg (Curcuma longa rhizome standardized for 95% Curcuminoids 712.5mg)

Other Ingredients: Hydroxypropyl methylcellulose, vegetable magnesium stearate and silicon dioxide.

Food Supplement



Biotin 10000mcg

Biotin 10000mcg is a dietary supplement focusing on hair, skin and nail care. Formulated with high-potency biotin as core ingredient, combined with Vitamin C, B vitamins, zinc bisglycinate chelate and hydrolyzed collagen. The multi-nutrient complex nourishes from within to support healthy hair, radiant skin and strong nails.

Product Advantages

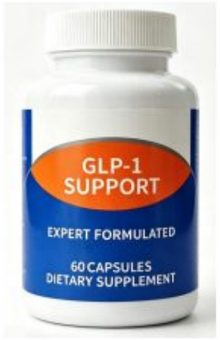
High-potency biotin formula to support hair, skin and nails
Scientific blend of multiple nutrients for synergistic nourishment
Clean formula: Non-GMO & Gluten-Free
Easy-to-take tablets; 60-day supply per bottle

Key Ingredients (Per Serving: 2 Tablets)

Biotin 10000mcg, Vitamin C, Niacinamide, Vitamin B12, Pantothenic Acid, Zinc Bisglycinate Chelate, Hydrolyzed Chicken Collagen



Food Supplement



GLP-1 Support

GLP-1 Support is an expert-formulated dietary supplement capsule with a scientific blend of natural plant active ingredients. The formula contains Berberine HCl, Green Tea Extract, Ceylon Cinnamon, Aloe Vera, Curcumin C3 Complex, Taurine and other nutrients. These ingredients work synergistically to support metabolism regulation and healthy body management.

Product Advantages

Expert formulated complex formula with synergistic natural plant extracts
Standardized raw material extraction to maintain stable active ingredients
Plant-based capsules, easy to swallow and absorb
60 capsules per bottle, 2-month daily supply

Key Ingredients (Per Serving:1 Capsule)

Berberine HCl 195mg, Green Tea Extract 165mg (Standardized to contain 50% EGCG), Ceylon Cinnamon 90mg, Aloe Vera 42mg, Curcumin C3 Complex 42mg, Taurine 40mg, AIV/TFE Phenylcapsaicin 19mg, Boron (as Boron Glycinate) 3mg
Other Ingredients: Hypromellose Capsule, Rice Fiber, Diatomaceous Earth.

Food Supplement



Vitamin D3 & K2 Capsules

Formulated with seven strains of oral probiotics to balance oral microecology and inhibit harmful bacteria.

It effectively improves bad breath, protects gum condition and maintains oral health.

Fresh mint flavor for sublingual use, convenient for daily oral care.

Suitable for smokers, people with poor breath and daily oral maintenance.

Specification: 120 tablets per bottle

Suggested Use: Take 2 tablets daily.

Key Advantages

- Compound formula with 7 professional oral probiotic strains
- Regulate oral flora & relieve bad breath
- Support healthy gums and oral environment
- Refreshing mint taste, easy to take
- Non-GMO raw material, lab tested & GMP compliant

Key Ingredients (Per Serving: 1 Capsule)

Vitamin D3 (Cholecalciferol): 125 mcg (5000 IU)

Vitamin K2 (MK-7 Menaquinone): 90 mcg

Other Ingredients: Microcrystalline cellulose, modified cellulose capsule, magnesium stearate, silicon dioxide.



Oral Probiotic Tablets

Formulated with seven strains of oral probiotics to balance oral microecology and inhibit harmful bacteria.
It effectively improves bad breath, protects gum condition and maintains oral health.
Fresh mint flavor for sublingual use, convenient for daily oral care.
Suitable for smokers, people with poor breath and daily oral maintenance.

Key Features

Multi-strain complex formula with 7 oral-specific probiotics

Balance oral flora, tackle bad breath at source instead of temporary masking

Support gum health and reduce oral discomfort

Refreshing mint & lime flavor, easy sublingual administration

Manufactured under GMP conditions, laboratory tested

Non-GMO raw materials

Key Ingredients(Per Serving: 2 Tablets)

Lactobacillus reuteri: 2 Billion CFU

Streptococcus salivarius K12: 2 Billion CFU

Streptococcus salivarius M18: 2 Billion CFU

Lactobacillus paracasei: 1.5 Billion CFU

Bifidobacterium lactis: 1.5 Billion CFU

Lactobacillus brevis: 1 Billion CFU

Streptococcus A12: 1 Billion CFU



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