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# COMFIER MEDICAL

Orthopedic  
Surgical  
System Solution

Hefei Comfier Medical Technology Co.,Ltd.

# COMPANY PROFILE

**Hefei Comfier Medical Technology Co.,Ltd.** is located in Hefei City, Anhui Province,China.It is a high-tech enterprise that integrates R&D, production, sales, maintenance, and service.

Since its establishment, the company has consistently adhered to the business philosophy of "standardization, focus, exploration, and innovation." Leveraging its corporate R&D center and expert workstations as platforms, it focuses on the research, development, and production of innovative products that meet clinical needs—such as full-endoscopic spine surgery instruments, percutaneous transforaminal endoscopic spine surgery instruments, arthroscopic surgery instruments, and UBE (Unilateral Biportal Endoscopic) surgery instruments.

The company places great emphasis on intellectual property protection, with over ten valid patents covering the core technologies of its products. Its products are well-received across China and have been exported to many countries and regions in Europe, Southeast Asia, and even the Americas, enjoying an excellent reputation in the industry.



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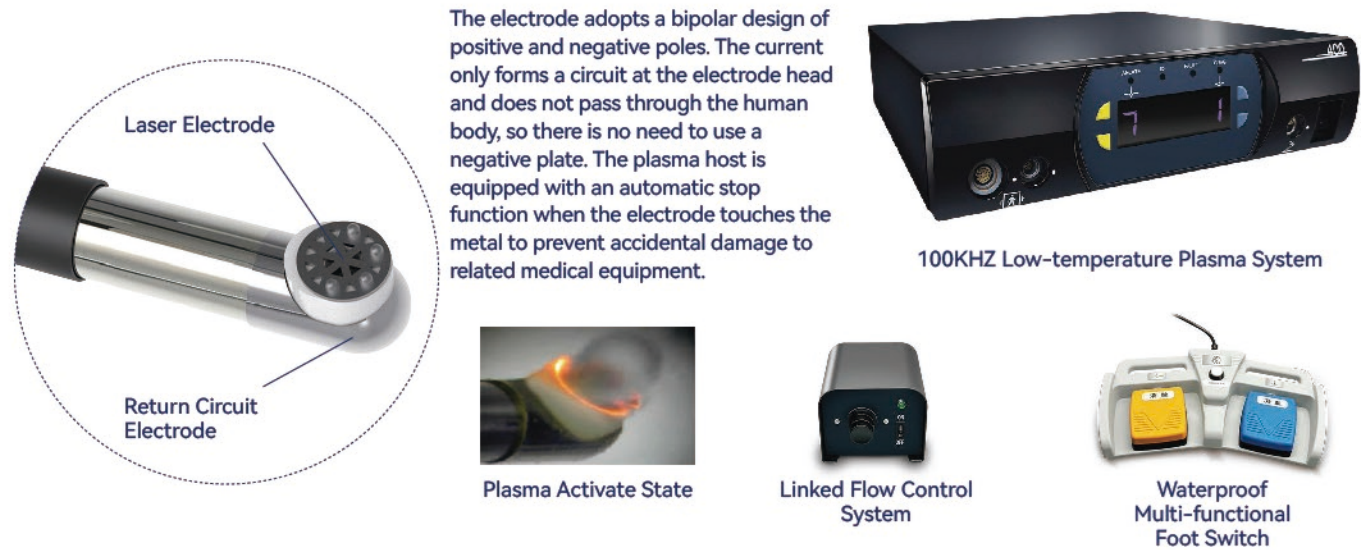
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Low-temperature Plasma Technology



The electrode adopts a bipolar design of positive and negative poles. The current only forms a circuit at the electrode head and does not pass through the human body, so there is no need to use a negative plate. The plasma host is equipped with an automatic stop function when the electrode touches the metal to prevent accidental damage to related medical equipment.

100KHZ Low-temperature Plasma System

Low-temperature Plasma Technology Principle

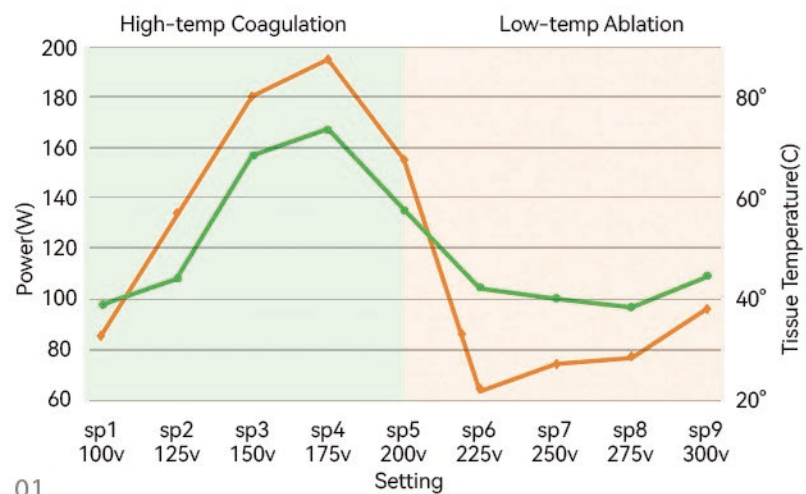
Unlike traditional electrosurgery, its principle is to excite sodium ions in physiological saline (electrolyte) through an energy electric field, generating an ionized plasma layer between the two poles of the surgical electrode. This highly excited plasma will rapidly break the lipid bond between tissues, thereby achieving the purpose of cutting and ablation. Due to the extremely short range of action of the accelerated ions within the plasma thin layer, which is only 100 micrometers, the ablation effect can be precisely controlled on the surface of the tissue in contact with the electrode, having no impact on the deep tissues. Therefore, the damage to the wound surface is very small. Because the electric field only exists between the two poles of the electrode and does not penetrate deep into the tissue, this enables the knife head to precisely control the energy, achieving the effect of tissue decomposition at a low temperature of "40-70°C" and minimizing thermal damage (the working temperature of other electrosurgical operations is between 350-700°C). Low-temperature plasma technology can also cause collagen to shrink, thus achieving the effect of hemostasis while ablation.

Coagulate/Ablation Mode

By adjusting the setting, the intensity of the plasma can be controlled and different working modes can be switched.

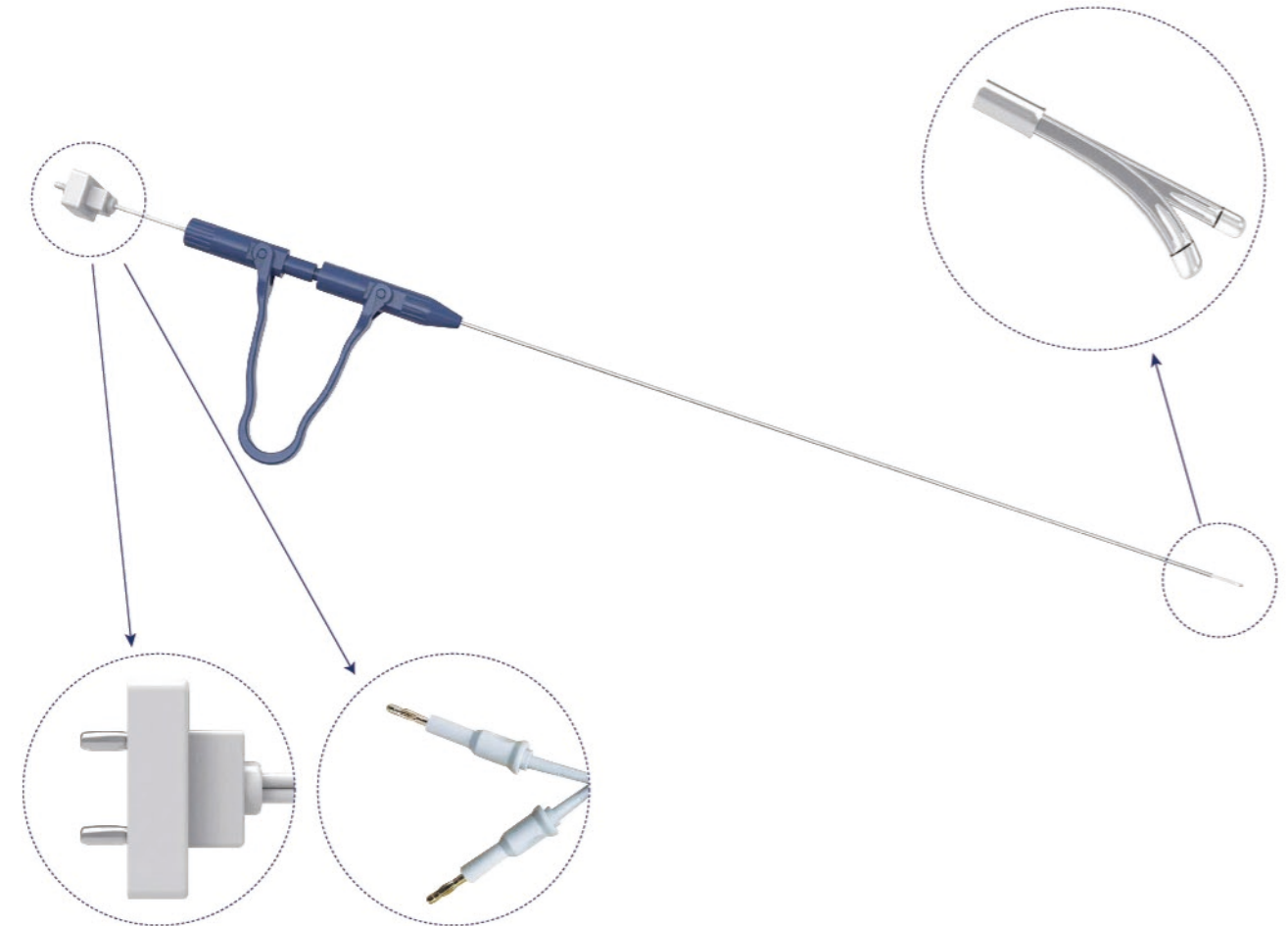
Ablation Cutting :0-9 Setting

Coagulate:0-2 Setting



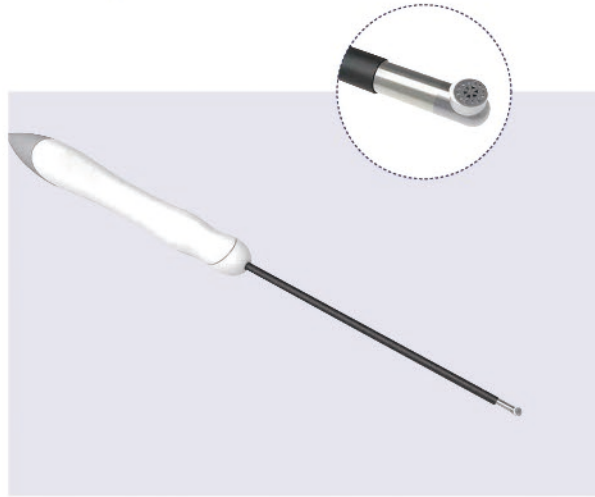
Setting Level	Ablation Cutting(ABLATE)		Coagulate(COAG)	
	Vrms±10%	W±20%	Vrms±10%	W±20%
9	289	80	/	/
8	263	305	/	/
7	238	250	/	/
6	214	190	/	/
5	190	160	/	/
4	165	120	/	/
3	141	90	/	/
2	115	60	91	45
1	91	40	59	16
0	0	0	0	0

Spine Plasma Electrode



Angel	Diameter(mm)	Type	Application
Adjustable Angle	3.0	APS-A-01-N-24030	Coagulate under the spine transforaminal endoscope , Nucleus pulposus decompression, lumbar disc resection, nucleus pulposus ablation.
		APS-A-01-N-34030	
		APS-A-01-N-35030	
		APS-A-01-N-37030	
		APS-A-01-N-40030	
		APS-B-01-N-34030	
		APS-B-01-N-35030	
		APS-A-01-S-37030	

UBE Spine Use Plasma



**APS-C3-03-S-15035**

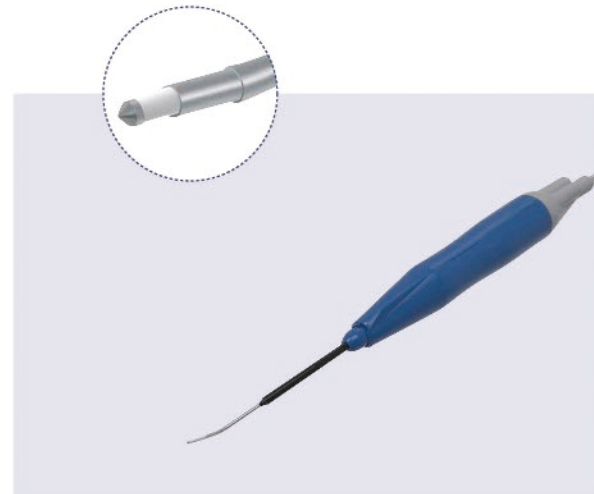
**With High Efficiency in Removing Soft Tissues**

The electrode head is designed with a 90° right angle, integrating vaporization, ablation and hemostasis. It also has an internal suction function to promptly clear tissue debris, providing a clearer surgical field of vision.

**APS-C3-04-N-13030**

**High safety and minimal nerve stimulation**

The electrode head is designed with a 30° bend angle to achieve soft tissue ablation and hemostasis with the minimum power.



Facet Joints Plasma Electrode



**APS-C3-06-N-13030**

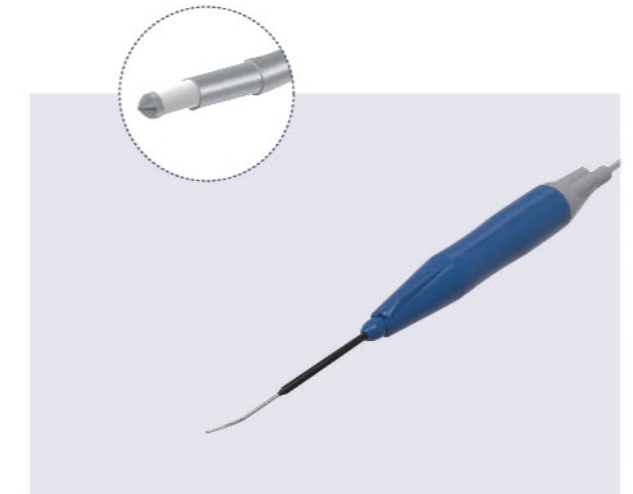
**Facet Joints Plasma Electrode**

The head diameter is 2.8mm, and the working length is 120mm. It has a smaller diameter than common head and a shorter rod length.

**APS-C3-01-N-10009**

**Facet Joints Plasma Electrode**

The head diameter is 1.4mm, and the working length is 90mm. It has a smaller diameter than common head and a shorter rod length.



**APS-A-01-N-24030**

**Adjustable Angle**

The electrode head can be freely extended and retracted, making it easier to reach the lesion location. So the operation during the surgery is more convenient.

**Arthrosis Plasma Electrode**



**APS-C3-04-N-13030**

**Cutting Electrode**

Angel	Needles	Diameter	Working Length	Application
30°	Single Needle	φ3.0(mm)	130(mm)	Meniscus-ectomy, Ligament Laxity

**Right-angle Electrode**

Angel	Needles	Diameter	Working Length	Application
90°	4 Needles	φ3.5(mm)	150(mm)	Synovectomy, Acromioplasty
90°	14 Needles	φ4.5(mm)	130(mm)	Large-area Soft Tissue Ablation Synovectomy



**APS-C3-03-S-15035**



**APS-C3-08-N-13045**



**APS-C3-02-5-15035**

**Bevel Electrode**

Angel	Needles	Diameter	Working Length	Application
50°	3 Needles	φ3.5(mm)	150(mm)	Synovectomy, Cartilage Removal
30°	12 Needles	φ3.0(mm)	130(mm)	Ligament Laxity Fiber Excision and Repair



**APS-C3-05-N-13030**

**Arthrosis Plasma Electrode**



**APS-C4-01-N-10009**

**Cutting Electrode**

Angel	Needles	Diameter	Working Length	Application
0°	Single Needle	φ1.1(mm)	90(mm)	Small Area Soft Tissue Ablation

**Right-angle Electrode**

Angel	Needles	Diameter	Working Length	Application
90°	6 Needle	φ3.5(mm)	150(mm)	Synovectomy Acromioplasty



**APS-C4-03-S-15035**



**APS-C4-02-S-15035**

**Bevel Electrode**

Angel	Needles	Diameter	Working Length	Application
50°	/	φ3.5(mm)	150(mm)	Synovectomy, Cartilage Removal

Dynamic System (Grinding Drills Suits)

7-inch color LCD touch screen, full touch control system, self-checking system, automatic overload protection function, maximum rotate speed 80000 /min



Foot Switch

Touch Screen Controller



2mm Emery Grinding Head



3mm Emery Grinding Head



4mm Emery Grinding Head



2mm Bowl Grinding Head



3mm Bowl Grinding Head



4mm Bowl Grinding Head



Protecting Sheath Grinding Head



Emery Grinding Head



Bowl Grinding Head



Micro Motor

Active Biological Bone

Clinical Indications:

Active biological bone is a new type of bone repair material with bone conduction and bone induction functions, which is made by combining bone repair materials with recombinant human bone morphogenetic protein (rhBMP-2) with specific collagen-binding ability. It is mainly used for filling bone defects caused by trauma or surgery that do not affect the stability of bone structure.



Product Advantage:

1. Mesenchymal cells induced in the implant site in the direction of osteoblast differentiation, accelerate the growth of the bone.
2. Active factor with fluids, maintain injury local high concentration.
3. Natural loose reticular bone structure, benefit at tissue growth.
4. Guide directional repair.
5. Low doses of efficient homogeneous bone regeneration effect.
6. There is no immunogen reaction and it is highly safe.

Oral

1. Repair of jawbone defects
2. Defect repair after curettage of bone cyst lesions
3. Preservation of extraction sites

Traumatology

1. Old - fashioned fractures
2. Osteoporotic fractures
3. Delayed union of bones, bone defects
4. Fresh fractures requiring internal fixation
5. Bone lengthening or bone transport
6. Orthopedic surgery

Scope of Application of Product Registration Certificate

Used to fill bone defects caused by trauma or surgery that do not affect the stability of the bone structure.



Spinal Surgery

1. Cervicothoracolumbar interbody fusion, including open surgery and endoscopic surgery
2. Interlaminar bone grafting
3. Minimally invasive treatment of vertebral compression fractures

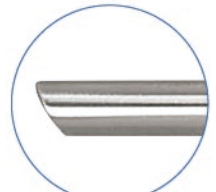
Arthrology

1. Hip and knee joint replacement
2. Hip joint preservation treatment
3. Knee joint preservation treatment
4. Joint revision

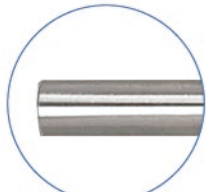
After the bioactive bone is implanted into the human body, compared with allogeneic bone and synthetic bone, it has very significant advantages in terms of biomechanics, bone formation, bone bridging, and bone remodeling.

	Models	Specifications
Granular Type	ZHG-KL-0.5-A	Particle Size: 0.25mm ~ 1mm, 0.5g/bottle
	ZHG-KL-0.5-B	Particle Size: 1mm ~ 2mm, 0.5g/bottle
	ZHG-KL-1-C	Particle Size: 2mm ~ 6mm, 1g/bottle
Block Type	ZHG-KX-1	5mmx10mmx10mm
	ZHG-KX-2	5mmx10mmx20mm
	ZHG-KX-3	5mmx10mmx30mm

### Endoscope



Head 30°



Head 0°

Code.

V1.1  
V1.2

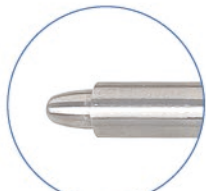
Spec.

30° Endoscope  
0° Endoscope

### Sheath



Head 30°



Head 0°

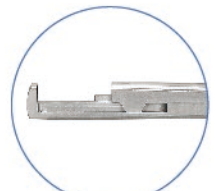
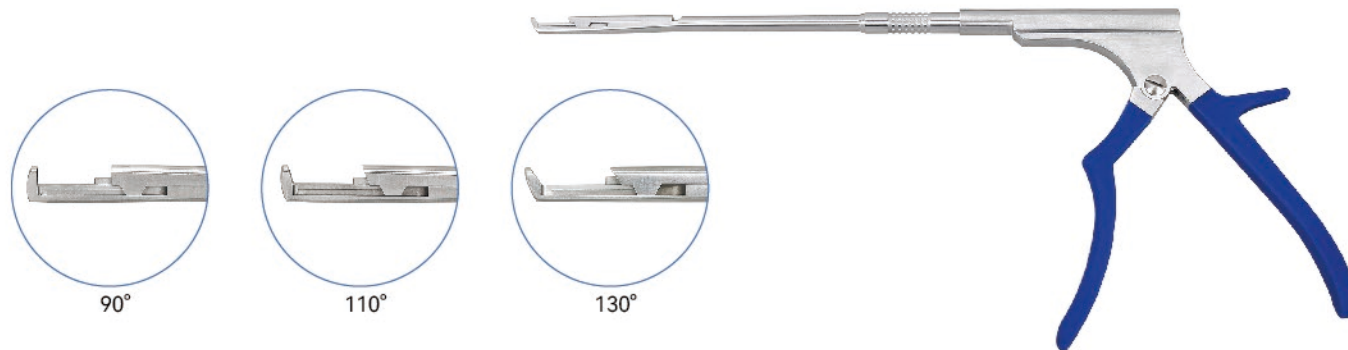
Code.

V2.1  
V2.2

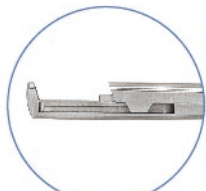
Spec.

30° Single Outlet Valve (360° Turning)  
0° Single Outlet Valve (360° Turning)

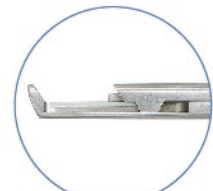
### 360° Rotatable Lumbar Rongeur (Ultra-thin Blade)



90°



110°



130°

Code. Rod Length×Blade Wide×Angle

V3.1-3 180mmx1mmx90°, 110°, 130°  
V3.4-6 180mmx2mmx90°, 110°, 130°  
V3.7-9 180mmx3mmx90°, 110°, 130°  
V3.10-12 180mmx4mmx90°, 110°, 130°  
V3.13-15 180mmx5mmx90°, 110°, 130°

Code. Rod Length×Blade Wide×Angle

V3.16-18 230mmx1mmx90°, 110°, 130°  
V3.19-21 230mmx2mmx90°, 110°, 130°  
V3.22-24 230mmx3mmx90°, 110°, 130°  
V3.25-27 230mmx4mmx90°, 110°, 130°  
V3.28-30 230mmx5mmx90°, 110°, 130°

### 360° Rotatable Lumbar Rongeur (Curve Shape & Ultra-thin Blade)



Code.

V4.1  
V4.2  
V4.3  
V4.4  
V4.5

Rod Length×Blade Wide×Angle

180mmx1mmx130°  
180mmx2mmx130°  
180mmx3mmx130°  
180mmx4mmx130°  
180mmx5mmx130°

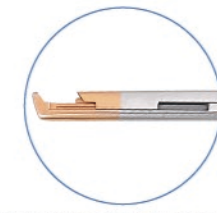
Code.

V4.6  
V4.7  
V4.8  
V4.9  
V4.10

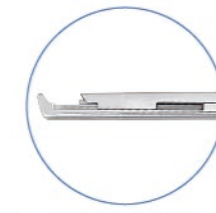
Rod Length×Blade Wide×Angle

230mmx1mmx130°  
230mmx2mmx130°  
230mmx3mmx130°  
230mmx4mmx130°  
230mmx5mmx130°

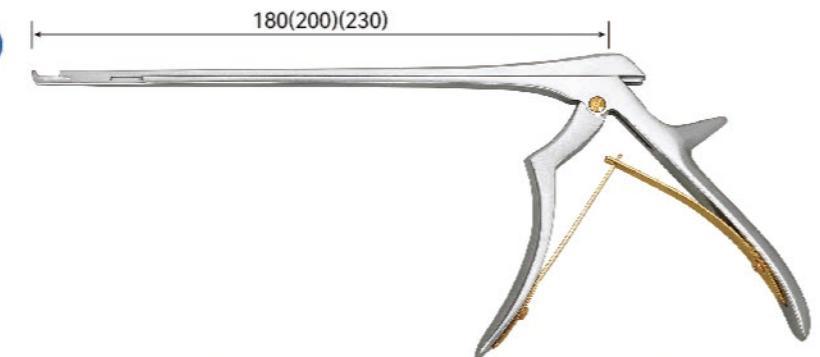
### Kerrison Rongeur (Ultra-thin Blade)



DLC Coating & Ultra-thin Type



Common Type



Code. Rod Length×Blade Wide×Angle

V5.1-3 180mmx1mmx90°, 110°, 130°  
V5.4-6 180mmx2mmx90°, 110°, 130°  
V5.7-9 180mmx3mmx90°, 110°, 130°  
V5.10-12 180mmx4mmx90°, 110°, 130°  
V5.13-15 180mmx5mmx90°, 110°, 130°

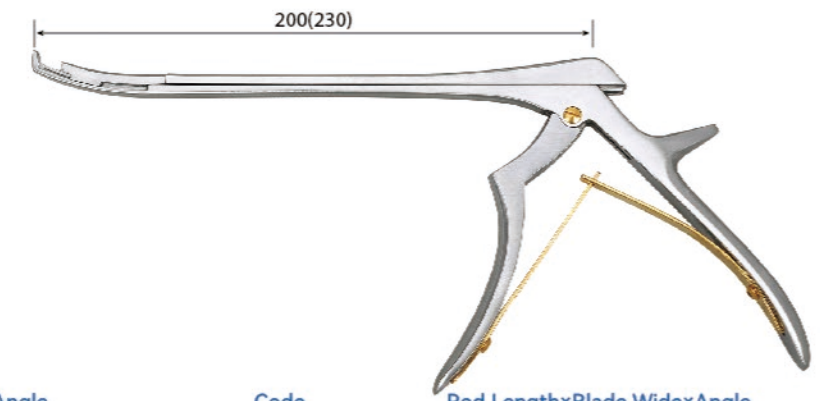
Code. Rod Length×Blade Wide×Angle

V5.16-18 200mmx1mmx90°, 110°, 130°  
V5.19-21 200mmx2mmx90°, 110°, 130°  
V5.22-24 200mmx3mmx90°, 110°, 130°  
V5.25-27 200mmx4mmx90°, 110°, 130°  
V5.28-30 200mmx5mmx90°, 110°, 130°

Code. Rod Length×Blade Wide×Angle

V5.31-33 230mmx1mmx90°, 110°, 130°  
V5.34-36 230mmx2mmx90°, 110°, 130°  
V5.37-39 230mmx3mmx90°, 110°, 130°  
V5.40-42 230mmx4mmx90°, 110°, 130°  
V5.43-45 230mmx5mmx90°, 110°, 130°

### Curve Shape Kerrison Rongeur (Ultra-thin Blade)



Code.

V6.1  
V6.2  
V6.3  
V6.4  
V6.5

Rod Length×Blade Wide×Angle

200mmx1mmx130°  
200mmx2mmx130°  
200mmx3mmx130°  
200mmx4mmx130°  
200mmx5mmx130°

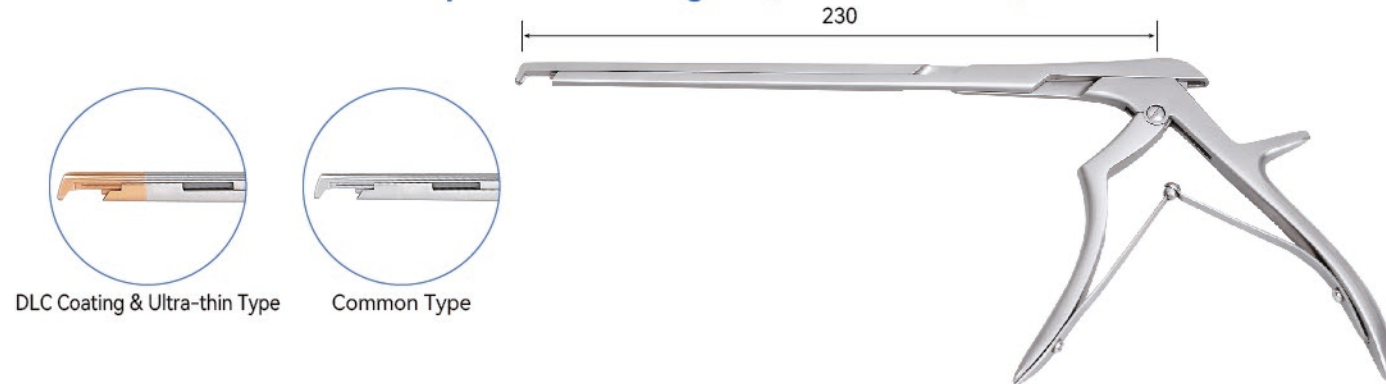
Code.

V6.6  
V6.7  
V6.8  
V6.9  
V6.10

Rod Length×Blade Wide×Angle

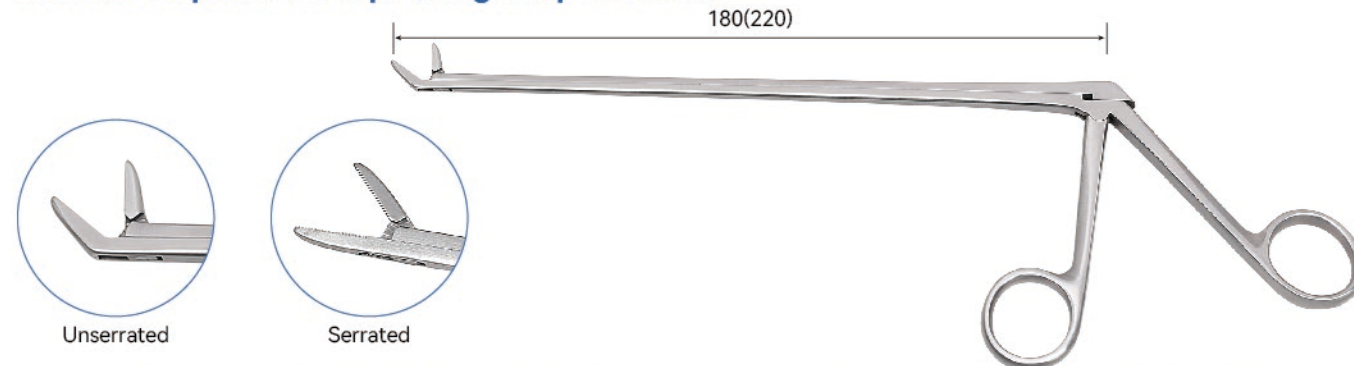
230mmx1mmx130°  
230mmx2mmx130°  
230mmx3mmx130°  
230mmx4mmx130°  
230mmx5mmx130°

Bite Head Downwards Shape Kerrison Rongeur (Ultra-thin Blade)



Code.	Rod Length×Blade Wide×Angle
V7.1-3	230mm×1mm×90°, 110°, 130°
V7.4-6	230mm×2mm×90°, 110°, 130°
V7.7-9	230mm×3mm×90°, 110°, 130°
V7.10-12	230mm×4mm×90°, 110°, 130°
V7.13-15	230mm×5mm×90°, 110°, 130°

Nucleus Pulposus Forceps (Ring Shape Handle)



Code.	Rod Length×Blade Wide×Angle	Code.	Rod Length×Blade Wide×Angle
V8.1-2	180mm×1mm Straight, Upwards	V8.9-10	220mm×1mm Straight, Upwards
V8.3-4	180mm×2mm Straight, Upwards	V8.11-12	220mm×2mm Straight, Upwards
V8.5-6	180mm×3mm Straight, Upwards	V8.13-14	220mm×3mm Straight, Upwards
V8.7-8	180mm×4mm Straight, Upwards	V8.15-16	220mm×4mm Straight, Upwards

All the above specifications can be ordered in serrated type. Please add "C" after the corresponding code when placing an order.

Nucleus Pulposus Forceps (Ultra-fine type)



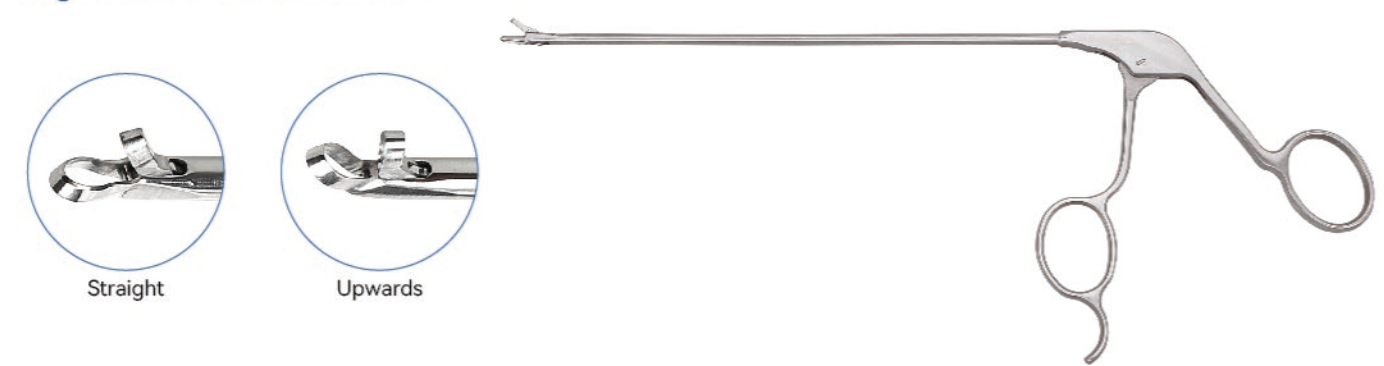
Code.	Working Length×Blade Wide	Blade Edge Angle
V9.1	200mm×1mm	Straight
V9.2	200mm×1mm	Upwards

Nucleus Pulposus Forceps (Sharp and Round Type)



Code.	Rod Length×Blade Wide×Angle	Code.	Rod Length×Blade Wide×Angle
V10.1	200mm×3mm Straight	V10.3	200mm×3mm Straight and Serrated
V10.2	200mm×3mm Upwards	V10.4	200mm×3mm Upwards and Serrated

Ligamentum Flavum Punch



Code.	Working Length×Blade Wide	Blade Edge Angle
V11.1	200mm×3mm	Straight
V11.2	200mm×3mm	Upwards

Nucleus Pulposus Forceps (Cup Head)



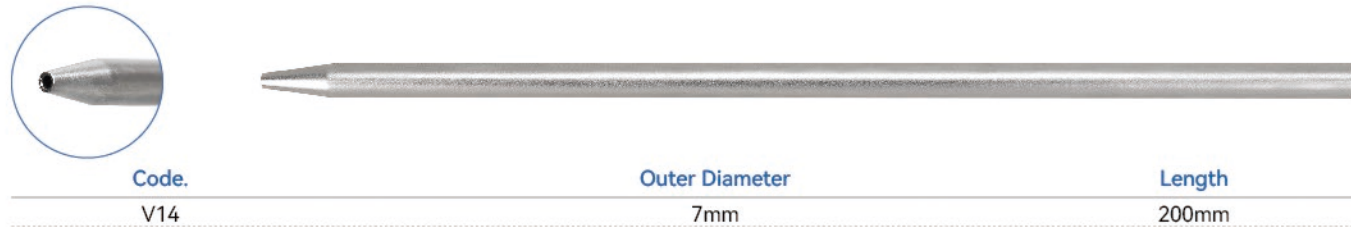
Code.	Working Length×Blade Wide	Blade Edge Angle
V12.1	200mm×2.5mm	Cup Head 0°
V12.2	200mm×2.5mm	Cup Head 45°

Expander (6Levels)



Code.	Outer Diameter	Working Length
V13.1	15mm	125mm
V13.2	13mm	140mm
V13.3	11mm	155mm
V13.4	9mm	170mm
V13.5	7mm	185mm
V13.6	5mm	200mm

Cone Shape Expander (Hollow type)



Code.	Outer Diameter	Length
V14	7mm	200mm

Guided Retractor



Code.	Head Wide	Working Length
V15.1	4mm Aluminum Handle	108mm
V15.2	6mm Aluminum Handle	108mm
V15.3	8mm Aluminum Handle	108mm
V15.4	10mm Aluminum Handle	108mm

Code.	Head Wide	Working Length
V16.1	4mm Full Steel	108mm
V16.2	6mm Full Steel	108mm
V16.3	8mm Full Steel	108mm
V16.4	10mm Full Steel	108mm

Guided Retractor



Code.	Head Wide	Working Length
V15.5	10mm Aluminum Handle	108mm Left Opening

Code.	Head Wide	Working Length
V16.5	10mm Full Steel	108mm Left Opening

Guided Retractor



Code.	Head Wide	Working Length
V15.6	10mm Aluminum Handle	108mm Left Opening

Code.	Head Wide	Working Length
V16.6	10mm Full Steel	108mm Right Opening

T Shape Muscle Detacher



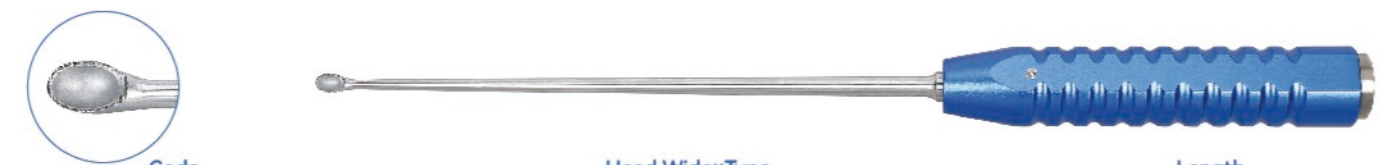
Code.	Spec.
V17	125mm

Bone Curette



Code.	Head Wide×Type	Length
V18.1-2	2mm Straight, Pre-curved 45°	300mm
V18.3-4	3mm Straight, Pre-curved 45°	300mm
V18.5-6	4mm Straight, Pre-curved 45°	300mm
V18.7-8	5mm Straight, Pre-curved 45°	300mm
V18.9-10	6mm Straight, Pre-curved 45°	300mm
V18.11-12	7mm Straight, Pre-curved 45°	300mm
V18.13-14	8mm Straight, Pre-curved 45°	300mm

Bone Curette with Serrated



Code.	Head Wide×Type	Length
V18.15-16	2mm Straight and Serrated, Pre-curved 45°	300mm
V18.17-18	3mm Straight and Serrated, Pre-curved 45°	300mm
V18.19-20	4mm Straight and Serrated, Pre-curved 45°	300mm
V18.21-22	5mm Straight and Serrated, Pre-curved 45°	300mm
V18.23-24	6mm Straight and Serrated, Pre-curved 45°	300mm
V18.25-26	7mm Straight and Serrated, Pre-curved 45°	300mm
V18.27-28	8mm Straight and Serrated, Pre-curved 45°	300mm

Bone Curette



Code.	Head Wide×Type	Length
V18.29	2mm Head Downwards 45°	300mm
V18.30	3mm Head Downwards 45°	300mm
V18.31	4mm Head Downwards 45°	300mm
V18.32	5mm Head Downwards 45°	300mm
V18.33	6mm Head Downwards 45°	300mm
V18.34	7mm Head Downwards 45°	300mm
V18.35	8mm Head Downwards 45°	300mm

Bone Curette



Unserrated      Serrated

Code.	Head Wide×Type	Length
V18.36-37	3mm Pre-curved 70°, 3mm Pre-curved 70°with Serrated	300mm
V18.38-39	4mm Pre-curved 70°, 4mm Pre-curved 70°with Serrated	300mm
V18.40-41	5mm Pre-curved 70°, 5mm Pre-curved 70°with Serrated	300mm

Bone Curette (Hollow Elliptical Head)



Code.	Head Wide×Type	Length
V18.42	4mm Hollow Elliptical Head, Curved Upwards	300mm
V18.43	5mm Hollow Elliptical Head, Curved Upwards	300mm
V18.44	6mm Hollow Elliptical Head, Curved Upwards	300mm

Bone Curette (Hollow Square Head)



Code.	Head Wide×Type	Length
V18.45	4mm Hollow Square Head, Curved Upwards	300mm
V18.46	5mm Hollow Square Head, Curved Upwards	300mm
V18.47	6mm Hollow Square Head, Curved Upwards	300mm

Bone Curette



Code.	Head Wide×Type	Length
V18.48	3mm 90° Bend Rod	300mm

Osteotome (High Hardness)



Code.	Head Wide×Type	Length
V19.1	3mm Straight Head	260mm
V19.2	4mm Straight Head	260mm
V19.3	5mm Straight Head	260mm
V19.4	6mm Straight Head	260mm

Osteotome (High Hardness)



Code.	Head Wide×Type	Length
V19.5	3mm Curved Upwards 15°	260mm
V19.6	4mm Curved Upwards 15°	260mm
V19.7	5mm Curved Upwards 15°	260mm
V19.8	6mm Curved Upwards 15°	260mm

Osteotome (High Hardness)



Code.	Head Wide×Type	Length
V19.9	3mm Curved Upwards 30°	260mm
V19.10	4mm Curved Upwards 30°	260mm
V19.11	5mm Curved Upwards 30°	260mm
V19.12	6mm Curved Upwards 30°	260mm

Osteotome (High Hardness)



Code.	Head Wide×Type	Length
V19.13	3mm Curved Left	260mm
V19.14	5mm Curved Left	260mm

Osteotome (High Hardness)



Code.	Head Wide×Type	Length
V19.15	3mm Curved Right	260mm
V19.16	5mm Curved Right	260mm

**Osteotome (High Hardness)**



Code.	Head Wide×Type	Length
V19.17	3mm Curved Head 15°	260mm
V19.18	4mm Curved Head 15°	260mm
V19.19	5mm Curved Head 15°	260mm
V19.20	6mm Curved Head 15°	260mm

**Chisel (High Hardness)**



Code.	Head Wide×Type	Length
V19.21	4mm L-shape Head	280mm
V19.22	5mm L-shape Head	280mm
V19.23	6mm L-shape Head	280mm

**Chisel (High Hardness)**



Code.	Head Wide×Type	Length
V19.24	5mm Straight Head (Half Round)	260mm

**Chisel (High Hardness)**



Code.	Head Wide×Type	Length
V19.25	5mm Curved Head (Half Round)	260mm

**Chisel (High Hardness)**



Code.	Head Wide×Type	Length
V19.26	5mm Triangle Blade Head	240mm

**Osteotome**



Code.	Head Wide×Type	Length
V19.27	5mm Straight	200mm

**Osteotome**



Code.	Head Wide×Type	Length
V19.28	5mm Upwards	200mm

**Vertebral Endplate Separator**



Code.	Head Wide×Type	Length
V20.1	6mm 5°	250mm

**Vertebral Endplate Separator**



Code.	Head Wide×Type	Length
V20.2	6mm 35°	250mm

**Vertebral Endplate Separator**



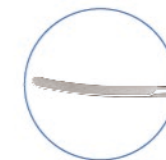
Code.	Head Wide×Type	Length
V20.3	6mm Big Curved	250mm

**Nerve Root Retractor**



Code.	Head Wide×Type	Length
V21.1	5mm 180°	230mm

**Nerve Dissector**



Code.	Head Wide×Type	Length
V21.2	3mm Straight Head	230mm
V21.3	3mm Little Curved	230mm
V21.4	3mm Big Curved	230mm

**Nerve Probe**



Code.	Head Wide×Type	Length
V21.5	3mm Right Angle with Ball End	230mm
V21.6	5mm Right Angle with Ball End	230mm
V21.7	7mm Right Angle with Ball End	230mm



Code.	Head Wide×Type	Length
V21.8	3mm Right Angle with Blunt End	230mm
V21.9	5mm Right Angle with Blunt End	230mm
V21.10	7mm Right Angle with Blunt End	230mm



Code.	Head Wide×Type	Length
V21.11	3mm Right Angle with Hook Blade	230mm
V21.12	5mm Right Angle with Hook Blade	230mm
V21.13	7mm Right Angle with Hook Blade	230mm

**Nerve Dissector for Assist Kirschner Needle Implant**



Code.	Outer Diameter	Length
V22	3.5	200mm

**Laminae Osteotome**



Code.	Head Wide×Type	Length
V23	5mm Upwards	280mm

**Measuring Scale (for Measure Fibrous Ring Rupture Size)**



Code.	Head Wide×Type	Length
V24.1	10mm	230mm
V24.2	15mm	230mm

**Cone Shape Expander (Solid Type)**

Code.	Outer Diameter	Length
V25.1	5mm	150mm



Code.	Outer Diameter	Length
V25.2	11mm	150mm



Code.	Outer Diameter	Length
V25.3	13mm	150mm



Code.	Outer Diameter	Length
V25.4	15mm	150mm



**Periosteal Elevator**

Code.	Head Wide×Type	Length
V26.1	3mm Straight and Curved Heads	300mm



Code.	Head Wide×Type	Length
V26.2	4mm Straight and Curved Heads	300mm



Code.	Head Wide×Type	Length
V26.3	5mm Straight and Curved Heads	300mm



Code.	Head Wide×Type	Length
V26.4	3mm Curved, Sharp and Blunt Heads	300mm



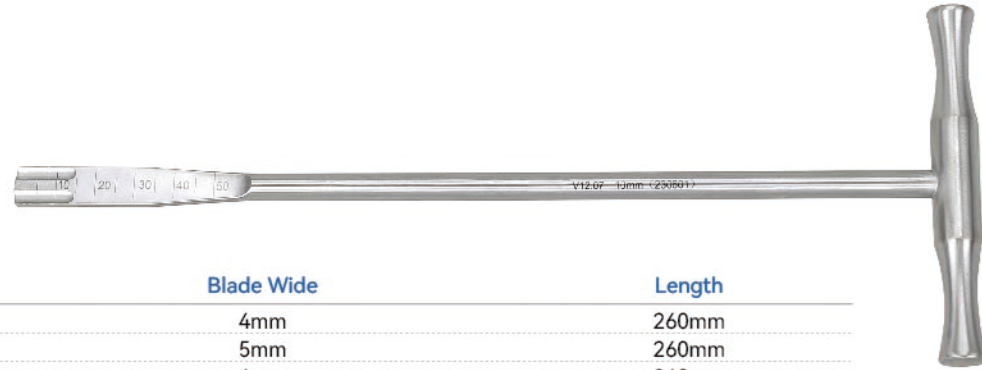
Code.	Head Wide×Type	Length
V26.5	4mm Curved, Sharp and Blunt Heads	300mm



Code.	Head Wide×Type	Length
V26.6	5mm Curved, Sharp and Blunt Heads	300mm



Reamer



Code.	Blade Wide	Length
V27.1	4mm	260mm
V27.2	5mm	260mm
V27.3	6mm	260mm
V27.4	7mm	260mm
V27.5	8mm	260mm
V27.6	9mm	260mm
V27.7	10mm	260mm
V27.8	11mm	260mm
V27.9	12mm	260mm
V27.10	13mm	260mm
V27.11	14mm	260mm

Bone Grafting Instrument



Code.	Spec.	Length
V28.1	Crescent Shape	250mm

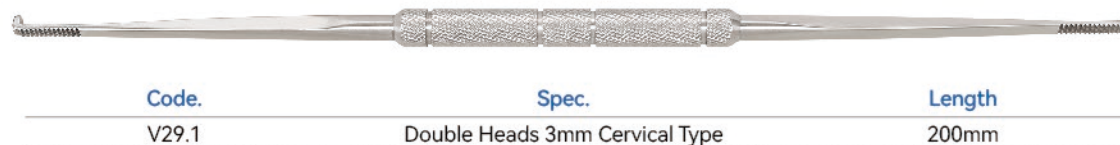


Code.	Spec.	Length
V28.2	Cylinder Shaped	250mm



Code.	Spec.	Length
V28.3	6mm	250mm

Bone Wax Applicator



Code.	Spec.	Length
V29.1	Double Heads 3mm Cervical Type	200mm



Code.	Spec.	Length
V29.2	Double Heads 5mm Lumbar Type	200mm

Bone Graft Funnel&Push Rod



Code.	Outer Diameter	Length
V30.1	6mm	165mm
V30.2	7mm	165mm
V30.3	8mm	165mm
V30.4	9mm	165mm

Endoscope Protection Tube



Code.	Type	Length
V31.1	7mm Straight Head	115mm

Endoscope Protection Tube



Code.	Type	Length
V31.4	7mm Recurved Head	115mm

Endoscope Protection Tube



Code.	Type	Length
V31.5	7mm Narrow Head with Recurved	115mm

Drill Protection Tube



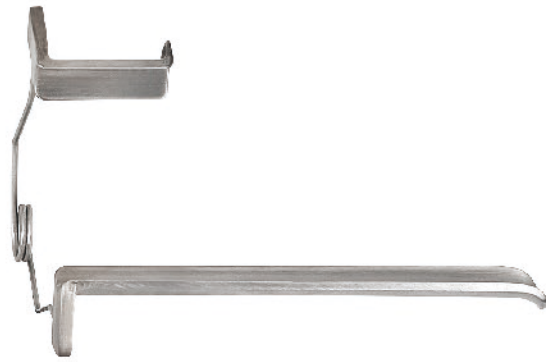
Code.	Type	Length
V31.2	7mm Little Curved	100mm

Drill Protection Tube



Code.	Type	Length
V31.3	7mm Big Curve	93mm

Spring Retractor



Code.	Spec.
V32.1	40mm
V32.2	50mm
V32.3	60mm
V32.4	70mm
V32.5	80mm

Half Round Working Sleeve



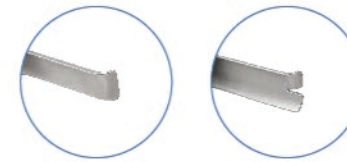
Code.	Diameter	Length
V33.1	10mm	50mm
V33.2	10mm	60mm
V33.3	10mm	70mm
V33.4	10mm	80mm
V33.5	13mm	50mm
V33.6	13mm	60mm
V33.7	13mm	70mm
V33.8	13mm	80mm
V33.9	15mm	50mm
V33.10	15mm	60mm
V33.11	15mm	70mm
V33.12	15mm	80mm

Half Round Working Sleeve  
(Suctionable)

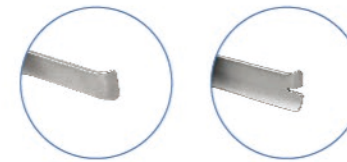


Code.	Diameter	Length
V34.1	10mm	50mm
V34.2	10mm	60mm
V34.3	10mm	70mm
V34.4	10mm	80mm
V34.5	12mm	50mm
V34.6	12mm	60mm
V34.7	12mm	70mm
V34.8	12mm	80mm

Fusion Device Implanted Sleeve



编码	Inner Diameter	Spec.
V35.1	14mm	Half Round, Head Wide 6mm
V35.2	14mm	Half Round, Head Wide 8mm
V35.3	14mm	Half Round, Head Wide 10mm
V35.4	14mm	Half Round Left Opening, Head Wide 15mm
V35.5	14mm	Half Round Right Opening, Head Wide 15mm



编码	Inner Diameter	Spec.
V35.6	14mm	Round, Head Wide 6mm
V35.7	14mm	Round, Head Wide 8mm
V35.8	14mm	Round, Head Wide 10mm
V35.9	14mm	Round Left Opening, Head Wide 15mm
V35.10	14mm	Round Right Opening, Head Wide 15mm



Suction Tube

编码	Outer Diameter	Spec.
V36.1	3mm	Flexible
V36.2	4mm	Flexible
V36.3	5mm	Flexible



编码	Outer Diameter	Spec.
V36.4	3mm	Flexible, Suction in Side



Suction Tube (Flexible)

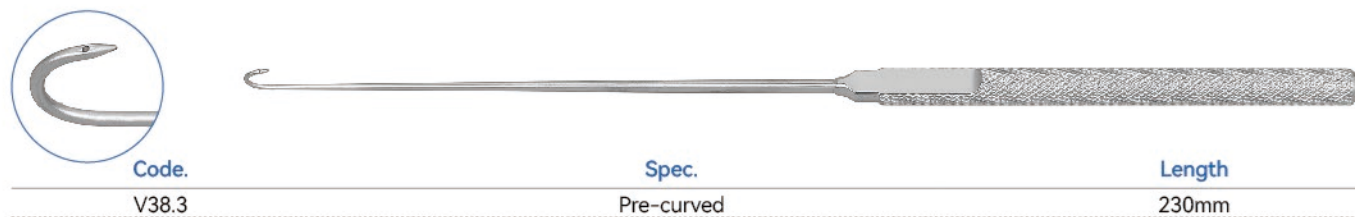
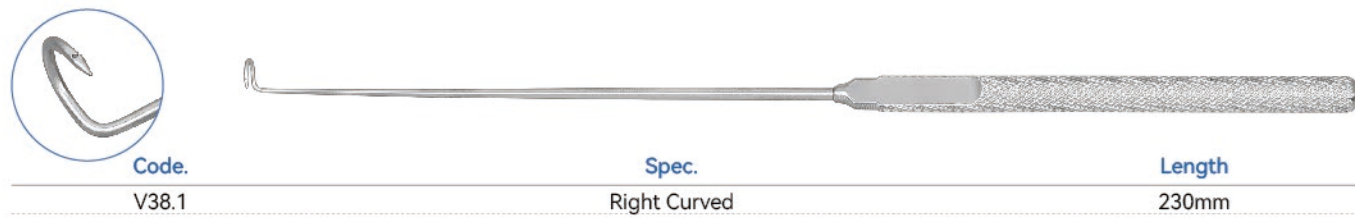
编码	Outer Diameter	Spec.
V36.5	2mm	Flexible
V36.6	3mm	Flexible
V36.7	4mm	Flexible
V36.8	5mm	Flexible



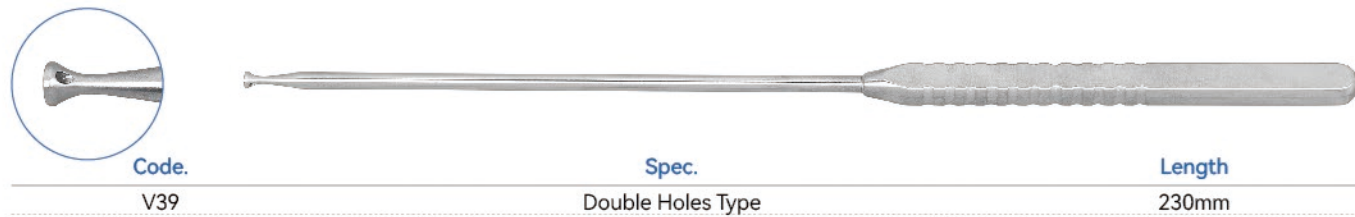
Fibrous Rings Knife



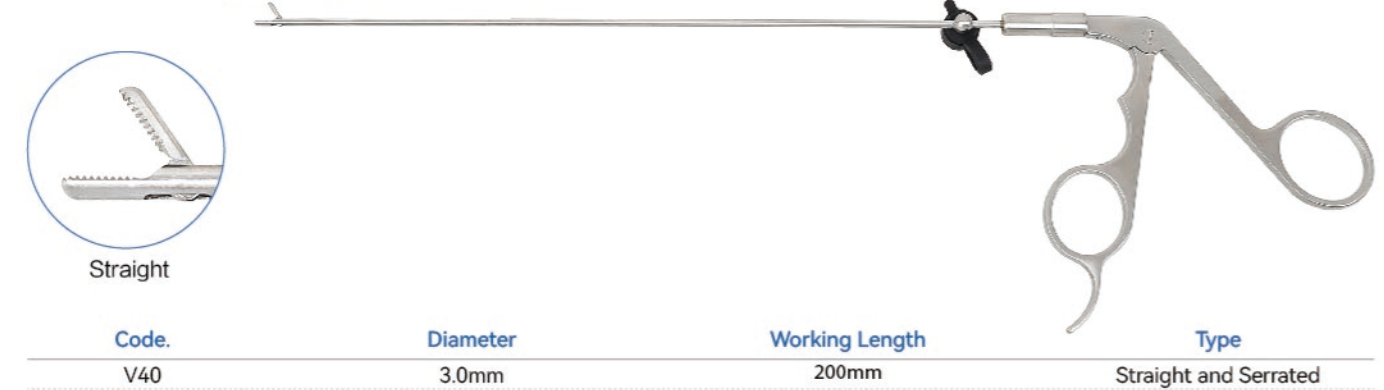
Sewing Hook



Knot Pusher



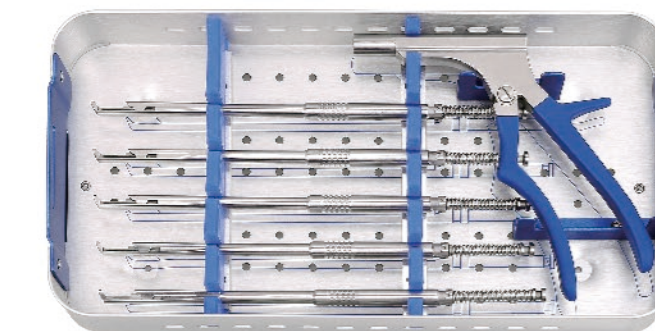
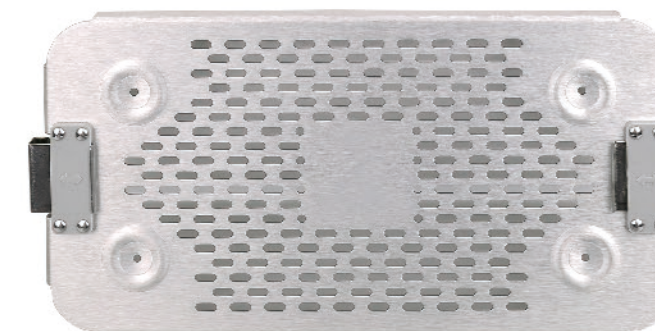
Wire Grabbing Forceps



Suture Punch Forceps



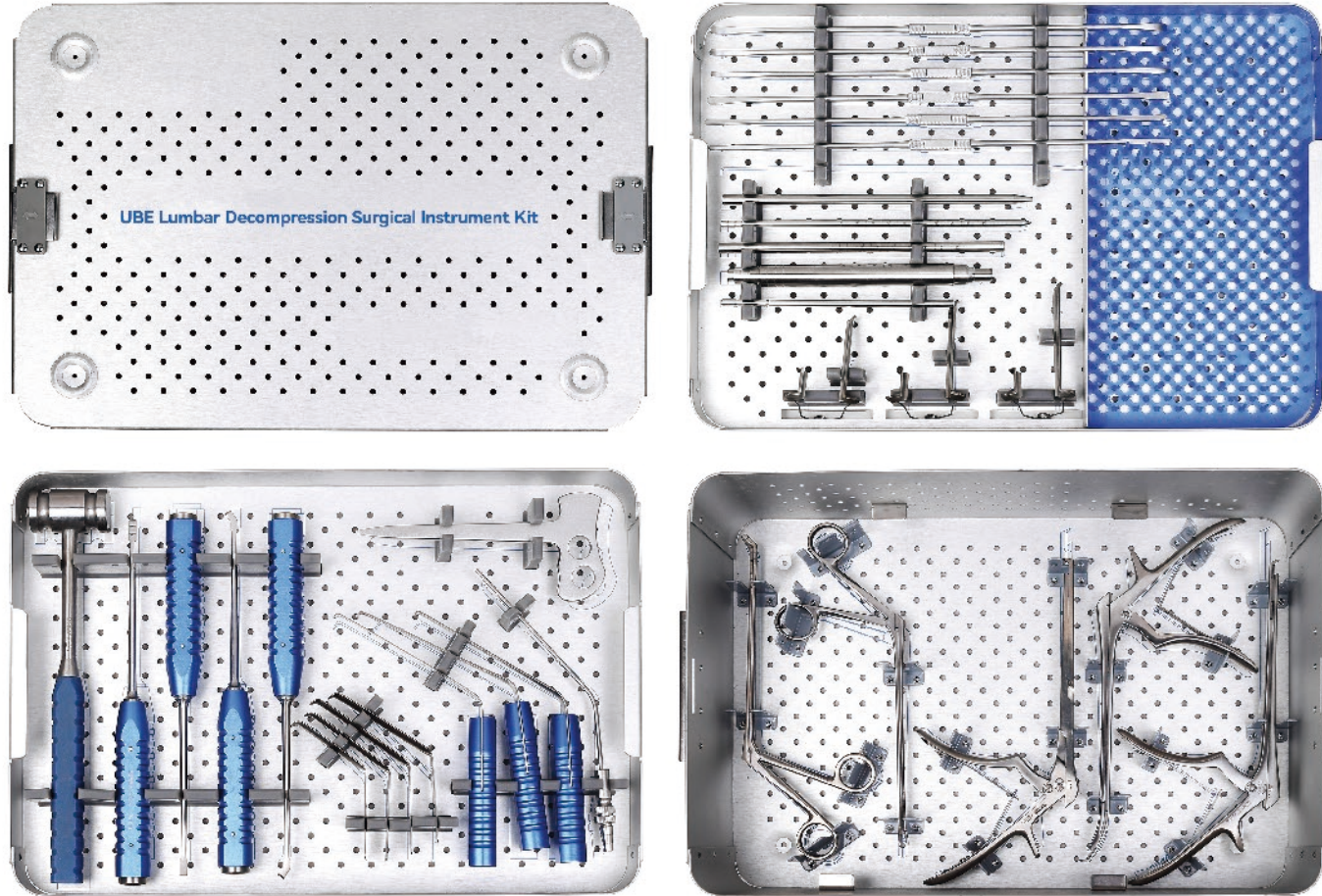
360° Rotatable Lumbar Rongeur Instruments Kit



No	Product Name	Spec.	Qty
1	Rotatable Lumbar Rongeur	Straight 230x130°x1mm	1
2	Rotatable Lumbar Rongeur	Straight 230x130°x2mm	1
3	Rotatable Lumbar Rongeur	Straight 230x130°x3mm	1
4	Rotatable Lumbar Rongeur	Curved 230x130°x2mm	1
5	Rotatable Lumbar Rongeur	Curved 230x130°x3mm	1
6	Sterilize Box		1

Remark: Blade Wide: 1、2、3、4、5mm,  
Angle: 90°、110°、130°,  
The above models can be choose freely.

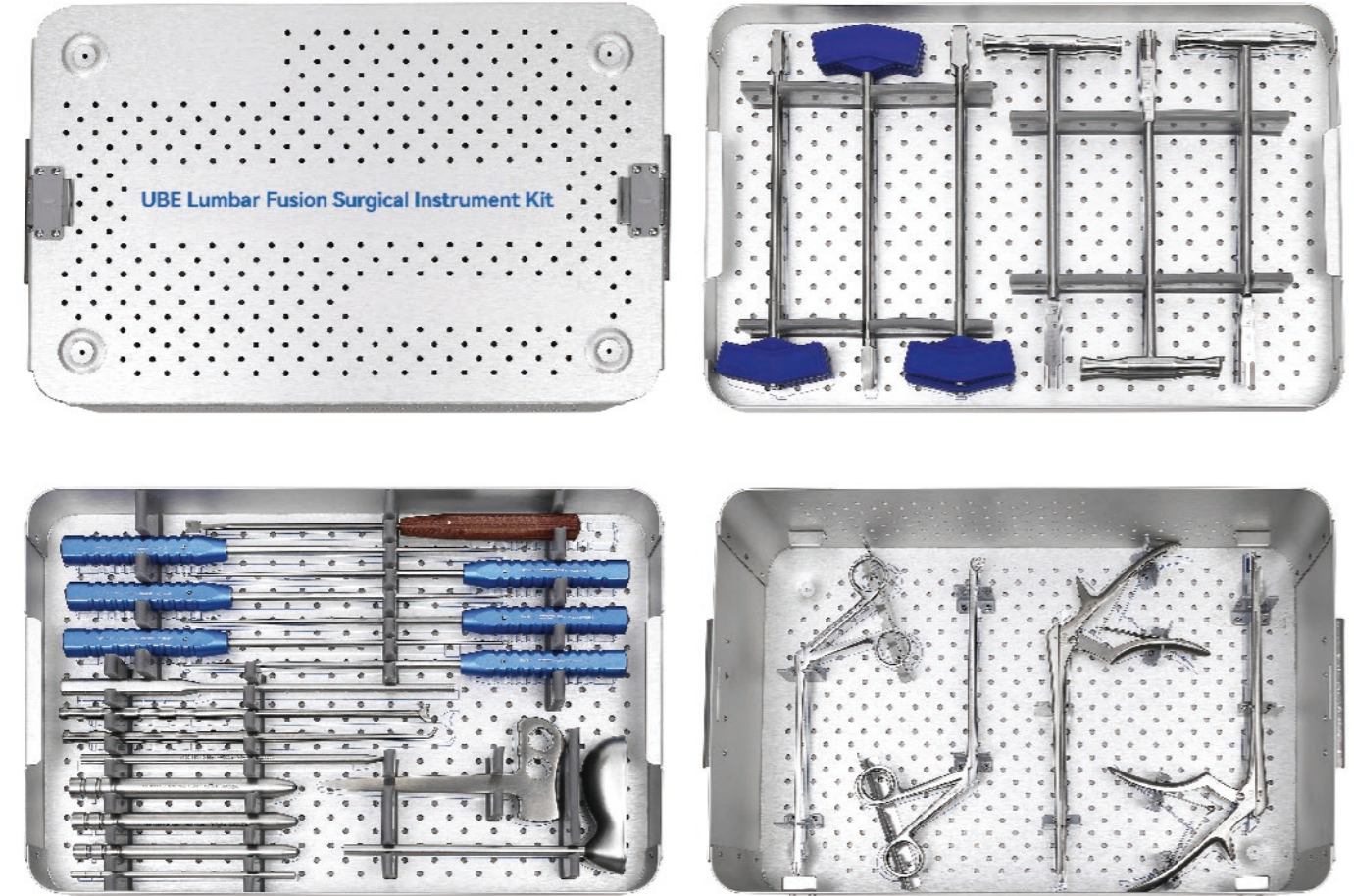
**UBE Lumbar Decompression Surgical Instrument Kit**



No	Product Name	Spec.	Qty/PCS
1	Muscle Detacher	125mm	1
2	Expander	φ15mm*130mm	1
3	Expander	φ13mm*150mm	1
4	Expander	φ11mm*170mm	1
5	Expander	φ7mm*185mm	1
6	Expander	φ5mm*200mm	1
7	Guided Retractor	4mm*108mm	1
8	Guided Retractor	6mm*108mm	1
9	Guided Retractor	8mm*108mm	1
10	Suction Tube	Flexible 3mm	1
11	Cone Shape Expander(Hollow)	7mm*200	1
12	Periosteal Elevator	3mm Straight and Curved Heads	1
13	Periosteal Elevator	4mm Straight and Curved Heads	1
14	Periosteal Elevator	5mm Straight and Curved Heads	1
15	Periosteal Elevator	3mm Curved Sharp and Blunt Heads	1
16	Periosteal Elevator	4mm Curved Sharp and Blunt Heads	1
17	Periosteal Elevator	5mm Curved Sharp and Blunt Heads	1
18	Nerve Probe	Right Angle with Ball End 230*7mm	1
19	Nerve Probe	Right Angle with Blunt End 230*5mm	1
20	Osteotome	5mm Straight Head with Scale	1
21	Osteotome	5mm Curved Upwards 30°with Scale	1
22	Osteotome	5mm Curved Left 45° with Scale	1

No	Product Name	Spec.	Qty/PCS
23	Osteotome	5mm Curved Right 45° with Scale	1
24	Fibrous Rings Knife	Sharp and Round Head 230mm	1
25	Endoscope Protection Tube	Narrow Head with Recurved 115*7mm	1
26	Fascial Tube	φ60mm with waterproof cap maintains the water pressure.	1
27	Half Round Working Sleeve	15*50mm	1
28	Half Round Working Sleeve	15*60mm	1
29	Half Round Working Sleeve	15*70mm	1
30	Half Round Working Sleeve	15*80mm	1
31	Bone Hammer	Small Size	1
32	Kerrison Rongeur (Ultra-thin Blade)	200*110°*3mm	1
33	Kerrison Rongeur (Ultra-thin Blade)	200*130°*2mm	1
34	Kerrison Rongeur (Ultra-thin Blade)	200*130°*3mm	1
35	Kerrison Rongeur (Ultra-thin Blade)	220*110°*3mm	1
36	Kerrison Rongeur (Ultra-thin Blade)	Curved 200*130°*2mm	1
37	Kerrison Rongeur (Ultra-thin Blade)	Curved 200*130°*3mm	1
38	Nucleus Pulposus Forceps (Ring Shape Handle)	Serrated and Straight Head 180*3mm	1
39	Nucleus Pulposus Forceps (Ring Shape Handle)	Serrated and Curved Head 180*3mm	1
40	Nucleus Pulposus Forceps (Ring Shape Handle)	Sharp and Round Type 200*3mm Straight Head	1
41	Nucleus Pulposus Forceps (Ring Shape Handle)	Sharp and Round Type 200*4mm Curved Head	1
42	Ligamentum Flavum Punch	200*3mm Straight Head	1
43	Ligamentum Flavum Punch	200*3mm Curved Head	1
44	UBE Sterilize Box		1

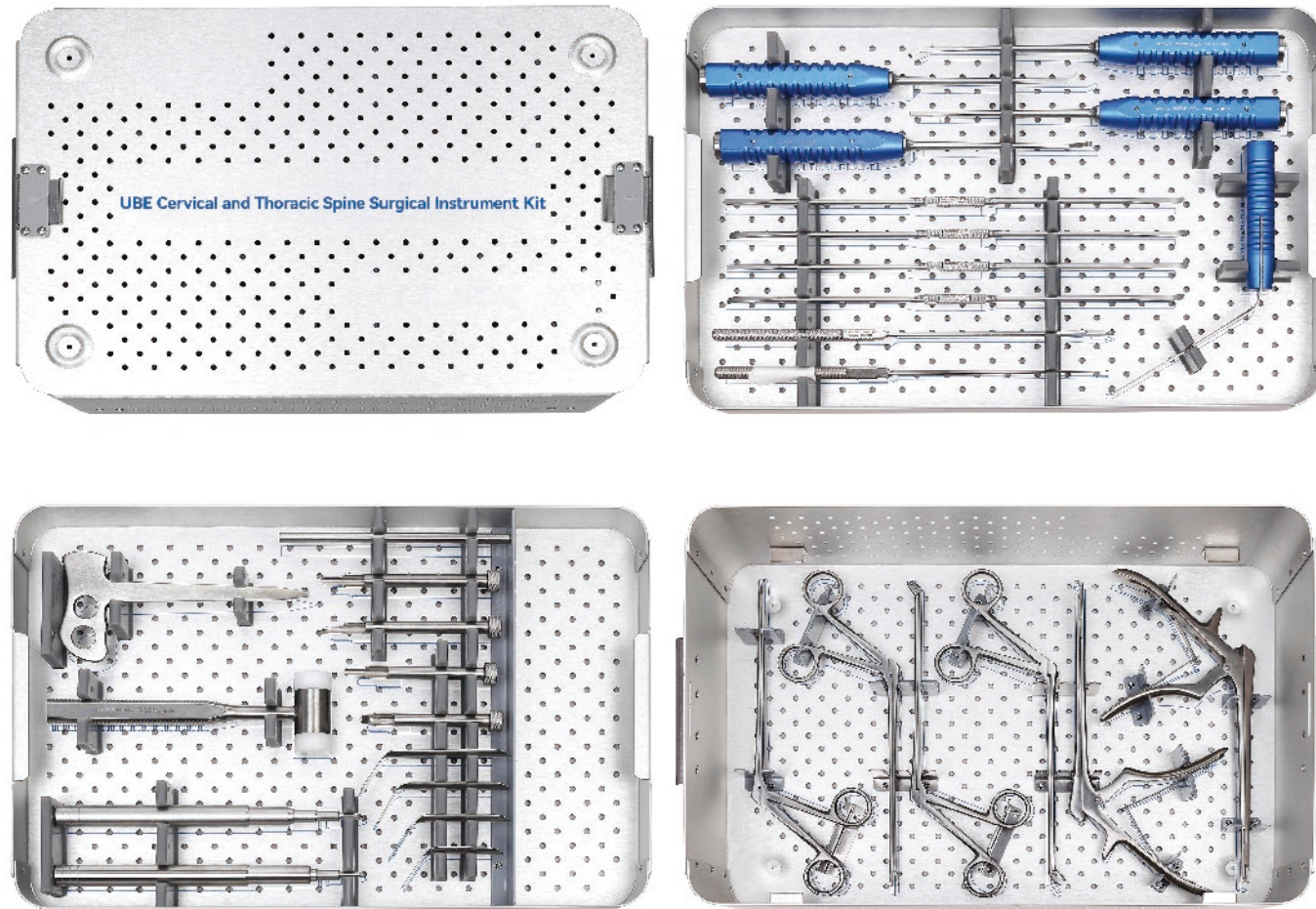
**UBE Lumbar Fusion Surgical Instrument Kit**



No	Product Name	Spec.	Qty/PCS
1	Muscle Detacher	125mm	1
2	Bone Graft Funnel&Push Rod	7*180mm	1
3	Reamer	T-type Handle 6mm	1
4	Reamer	T-type Handle 7mm	1
5	Reamer	T-type Handle 8mm	1
6	Reamer	T-type Handle 9mm	1
7	Reamer	T-type Handle 10mm	1
8	Reamer	T-type Handle 11mm	1
9	Reamer	T-type Handle 12mm	1
10	Trial template	T-type Handle 6mm	1
11	Trial template	T-type Handle 7mm	1
12	Trial template	T-type Handle 8mm	1
13	Trial template	T-type Handle 9mm	1
14	Trial template	T-type Handle 10mm	1
15	Trial template	T-type Handle 11mm	1
16	Trial template	T-type Handle 12mm	1
17	Bone Curette	Elliptical Head 5mm	1
18	Bone Curette	Vertebral Endplate Curette,Square Head	1
19	Bone Curette	Pre-curved 45° 3mm*300mm	1

No	Product Name	Spec.	Qty/PCS
20	Bone Curette	Pre-curved 45° 5mm*300mm	1
21	Bone Curette	Head Downwards 45° 3mm*300mm	1
22	Bone Curette	Head Downwards 45° 5mm*301mm	1
23	Fusion Device Working Sleeve	Half-round Type,Head Wide 8mm,Inner Dia 14mm	1
24	Fusion Device Working Sleeve	Round Type,Head Wide 10mm,Inner Dia 14mm	1
25	Nerve Dissector for Assist Kirschner Needle Implant	3.5*220mm	1
26	Cone Shape Expander (Hollow type)	7mm*200mm	1
27	Cone Shape Expander	5mm*150mm	1
28	Cone Shape Expander	11mm*150mm	1
29	Cone Shape Expander	13mm*150mm	1
30	Cone Shape Expander	15mm*150mm	1
31	Bone Grafting Instrument	Crescent Shape	1
32	Bone Grafting Instrument	Cylinder Shaped	1
33	Nucleus Pulposus Forceps (Ring Shape Handle)	180mm*4mm,Straight Head	1
34	Nucleus Pulposus Forceps (Ring Shape Handle)	180mm*4mm,Curved Head	1
35	Kerrison Rongeur (Ultra-thin Blade)	180*4mm*130°	1
36	Kerrison Rongeur (Ultra-thin Blade)	180*5mm*130°	1
37	UBE Sterilize Box		1

**UBE Cervical and Thoracic Spine Surgical Instrument Kit**



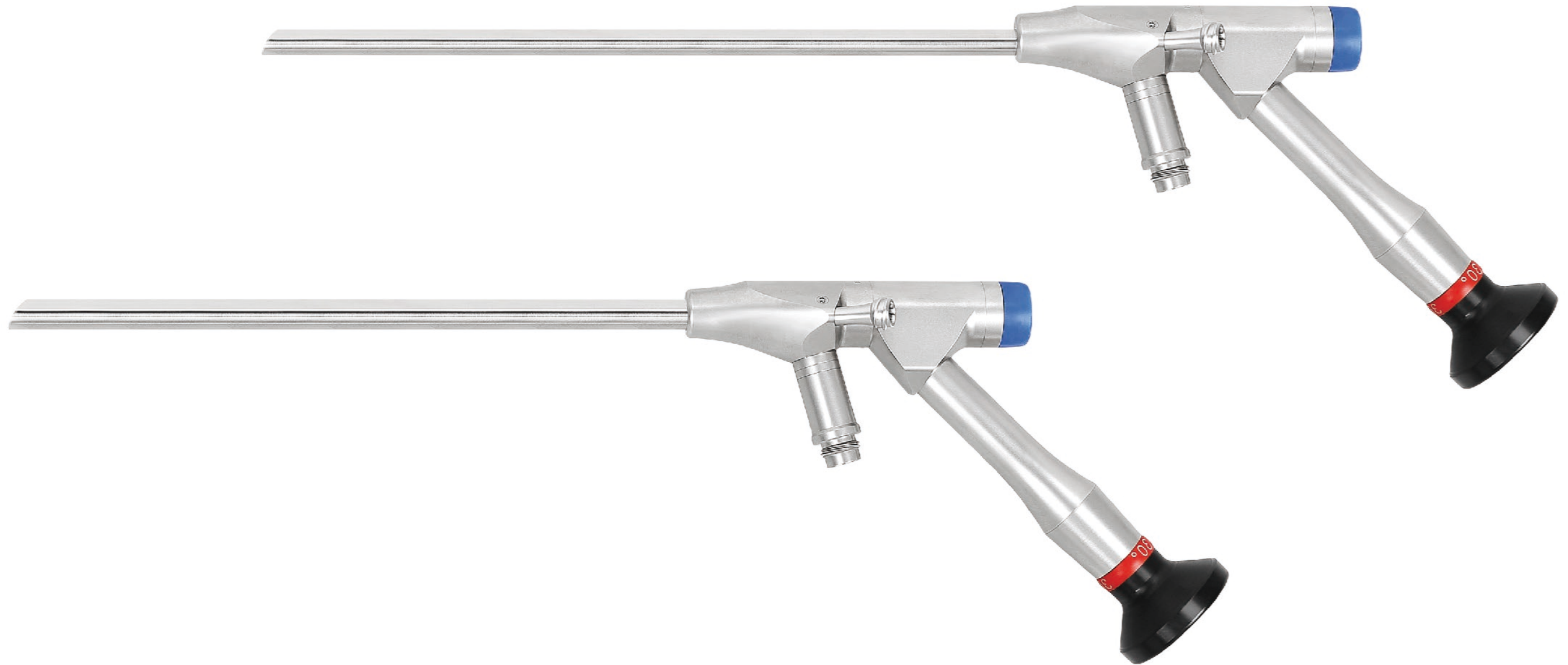
No	Product Name	Spec.	Qty/PCS	No	Product Name	Spec.	Qty/PCS
1	Expander	φ15mm*130mm	1	16	Guided Retractor	4mm*108mm	1
2	Expander	φ13mm*150mm	1	17	Osteotome	3mm Straight Head	1
3	Expander	φ11mm*170mm	1	18	Osteotome	3mm Curved Upwards 15°	1
4	Expander	φ7mm*185mm	1	19	Osteotome	3mm Curved Left	1
5	Expander	φ5mm*200mm	1	20	Osteotome	3mm Curved Right	1
6	Muscle Detacher	125mm	1	21	Fascial Tube	φ60mm with waterproof cap maintains the water pressure.	1
7	Half Round Working Sleeve	10*50mm	1	22	Fibrous Rings Knife	Sharp and Round Head 230mm	1
8	Half Round Working Sleeve	10*60mm	1	23	Kerrison Rongeur (Ultra-thin Blade)	180*130*1mm	1
9	Half Round Working Sleeve	10*70mm	1	24	Kerrison Rongeur (Ultra-thin Blade)	180*130*2mm	1
10	Half Round Working Sleeve	10*80mm	1	25	Nucleus Pulposus Forceps (Ring Shape Handle)	Straight Head, 180mm*1mm	1
11	Nerve Probe	Right Angle with Hook Blade 3mm	1	26	Nucleus Pulposus Forceps (Ring Shape Handle)	Straight Head, 180mm*1mm	1
12	Periosteal Elevator	1mm Straight and Curved Heads	1	27	Nucleus Pulposus Forceps (Ring Shape Handle)	Cup Shape and Straight Head, 200mm*2.5mm	1
13	Periosteal Elevator	1mm Double Curved Heads	1	28	Nucleus Pulposus Forceps (Ring Shape Handle)	Cup Shape and Curved 45° Head, 200mm*2.5mm	1
14	Periosteal Elevator	2mm Straight and Curved Heads	1	29	UBE Sterilize Box		1
15	Periosteal Elevator	2mm Double Curved Heads	1				

**UBE Spine Surgical Instrument Kit**



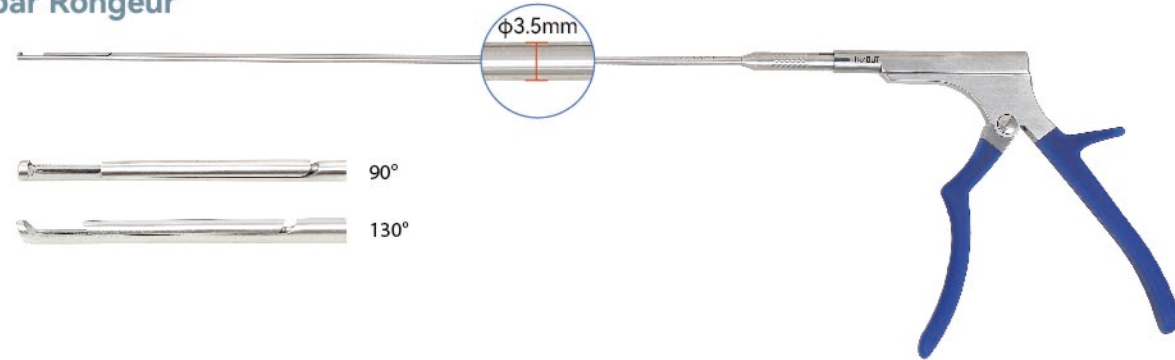
No	Product Name	Spec.	Qty/PCS	No	Product Name	Spec.	Qty/PCS
1	Expander	Six Levels	1	16	Vertebral Endplate Separator	Big Curved	1
2	Reamer	8mm	1	17	Cone Shape Expander (Hollow type)	7mm*200mm	1
3	Fusion Device Adjust Rod	6mm*200mm	1	18	Cone Shape Expander	5mm	1
4	Guided Retractor	4mm*108mm	1	19	Cone Shape Expander	11mm	1
5	Guided Retractor	8mm*108mm	1	20	Cone Shape Expander	13mm	1
6	Guided Retractor	10mm*108mm Right	1	21	Cone Shape Expander	15mm	1
7	Guided Retractor	10mm*108mm Left	1	22	Periosteal Elevator	3mm Straight and Curved Heads	1
8	Suction Tube	3mm	1	23	Periosteal Elevator	4mm Straight and Curved Heads	1
9	Suction Tube	4mm	1	24	Periosteal Elevator	5mm Straight and Curved Heads	1
10	Suction Tube	5mm	1	25	Periosteal Elevator	3mm Double Curved Heads(Sharp + Blunt)	1
11	Suction Tube	3mm (Suction in Side)	1	26	Periosteal Elevator	4mm Double Curved Heads(Sharp + Blunt)	1
12	Osteotome	5mm Straight Head	1	27	Periosteal Elevator	5mm Double Curved Heads(Sharp + Blunt)	1
13	Osteotome	5mm Curved Head	1	28	Bone Graft Funnel&Push Rod	7.5mm*165mm	1
14	Vertebral Endplate Separator	5°	1	29	Muscle Detacher	125mm	1
15	Vertebral Endplate Separator	35°	1	30	UBE Sterilize Box		1

Transforaminal Endoscope



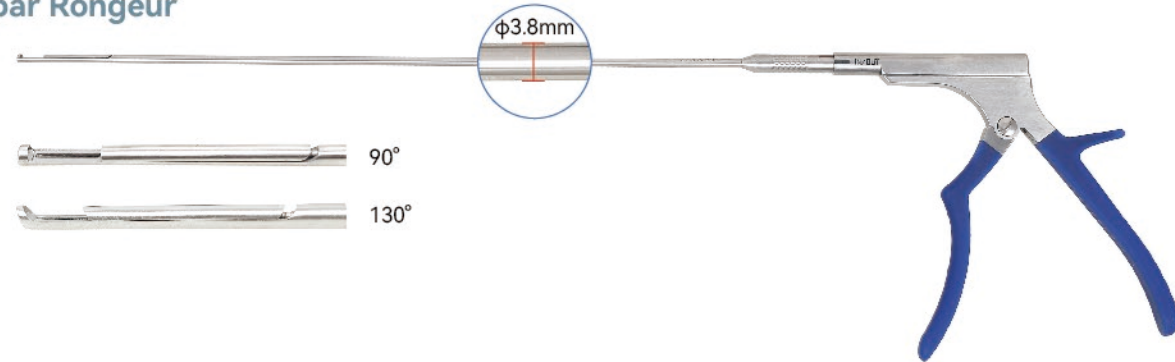
Model Number	Outside Diameter	Working Length	Angle	Working Channel
W1.1	6.3mm	181mm	30°	3.75mm
W1.2	6.9mm	181mm	30°	4.3mm
W1.3	7.3mm	181mm	30°	4.7mm
W1.4	8.4mm	125mm	15°	5.7mm
W1.5	8.4mm	125mm	30°	5.7mm
W1.6	10.0mm	125mm	15°	7.1mm
W1.7	10.0mm	125mm	30°	7.1mm

Lumbar Rongeur



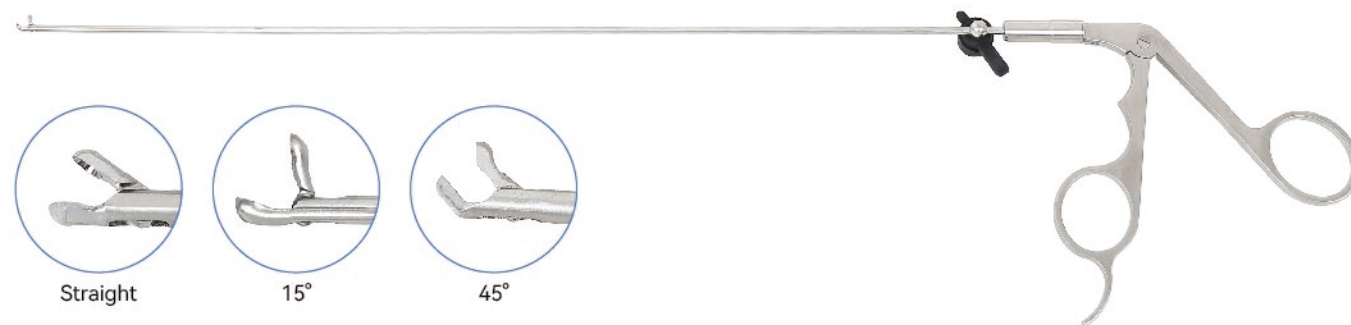
Type	Blade Wide	Working Length	Angle
W1.1-2	3.5mm	350mm	90°/130°
W1.3-4	3.5mm	350mm	90°/130°
W1.5-6	2.0mm	350mm	90°/130°

Lumbar Rongeur



Type	Blade Wide	Working Length	Angle
W2.1-2	3.8mm	350mm	90°/130°
W2.3-4	3.8mm	350mm	90°/130°
W2.5-6	2.0mm	350mm	90°/130°

Nucleus Pulposus Forceps (Cup Head)



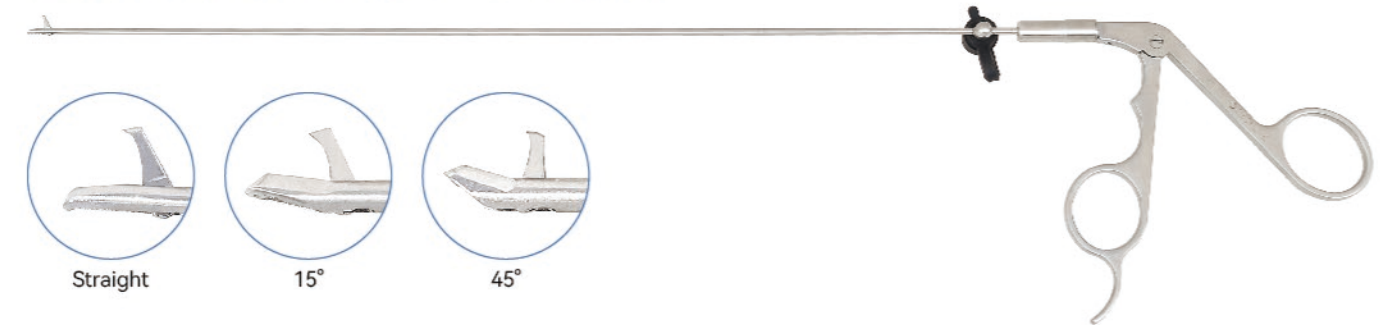
Type	Diameter	Working Length	Angle
W3.1-3	2.5mm	330mm	Straight Head / Curved 15° / Curved 45°
W3.4-6	3.0mm	330mm	Straight Head / Curved 15° / Curved 45°
W3.7-9	3.5mm	330mm	Straight Head / Curved 15° / Curved 45°

Nucleus Pulposus Forceps (Elliptical Head)



Type	Diameter	Working Length	Angle
W4.1	2.5mm	330mm	Straight
W4.2	3.0mm	330mm	Straight
W4.3	3.5mm	330mm	Straight

Nucleus Pulposus Forceps (Punch Forceps)



Type	Diameter	Working Length	Angle
W5.1-3	2.5mm	330mm	Straight Head / Curved 15° / Curved 45°
W5.4-6	3.0mm	330mm	Straight Head / Curved 15° / Curved 45°
W5.7-9	3.5mm	330mm	Straight Head / Curved 15° / Curved 45°

Nucleus Pulposus Forceps (with Serrated)



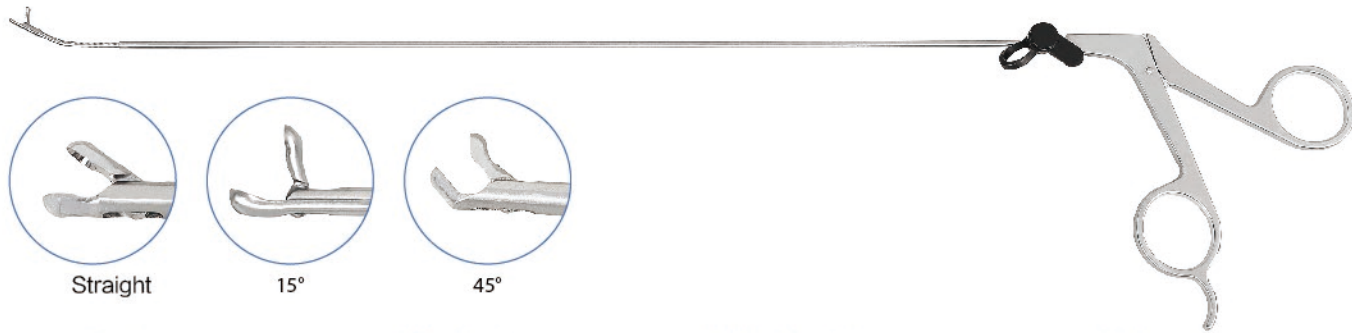
Type	Diameter	Working Length	Angle
W6.1	2.5mm	330mm	Straight Head with Serrated
W6.2	3.0mm	330mm	Straight Head with Serrated
W6.3	3.5mm	330mm	Straight Head with Serrated

**Nucleus Pulposus Forceps (Spring Type)**



Type	Diameter	Working Length	Angle
W7.1	2.5mm	330mm	Straight with Serrated (Flexible Head)
W7.2	3.0mm	330mm	Straight with Serrated (Flexible Head)
W7.3	3.5mm	330mm	Straight with Serrated (Flexible Head)

**Nucleus Pulposus Forceps (Spring type with Cup Head)**




Type	Diameter	Working Length	Angle
W8.1	2.5mm	330mm	Straight (Flexible Head)
W8.2	3.0mm	330mm	15° (Flexible Head)
W8.3	3.5mm	330mm	45° (Flexible Head)

**Suture Punch Forceps**




Type	Diameter	Working Length	Angle
W9	3.0mm	330mm	Suture Punch Forceps

**4 Levels Expander (Match Dia6.3mm Endoscope Use)**



Type	Inner Diameter	Outer Diameter	Working Length
W10.1	1.5mm	3.2mm	235mm
W10.2	3.4mm	5.0mm	212mm
W10.3	5.2mm	6.4mm	190mm
W10.4	6.5mm	7.5mm	175mm

**4 Levels Expander (Match Dia6.9mm Endoscope Use)**




Type	Inner Diameter	Outer Diameter	Working Length
W10.5	1.6mm	3.2mm	240mm
W10.6	3.4mm	5.0mm	220mm
W10.7	5.2mm	7.0mm	200mm
W10.8	7.3mm	8.3mm	180mm

**Two Levels Expander (Match Dia6.3mm Endoscope Use)**




Type	Inner Diameter	Outer Diameter	Working Length
W10.9	1.5mm	3.0mm	230mm
W10.10	3.1mm	6.3mm	210mm

**Two Levels Expander (Match Dia6.9mm Endoscope Use)**




Type	Inner Diameter	Outer Diameter	Working Length
W10.11	1.5mm	3.0mm	230mm
W10.12	3.1mm	7.0mm	210mm

**Three Levels Expander (Match Cervical Spine Use)**



Type	Inner Diameter	Outer Diameter	Working Length
W10.13	1.0mm	3.2mm	170mm
W10.14	3.4mm	5.0mm	160mm
W10.15	5.2mm	6.9mm	150mm

**Seven Levels Expander (Match 6.3mm and 6.9mm Endoscope Use)**



Type	Outer Diameter	Working Length
W10.16	1.2mm	300mm
W10.17	2.5mm	250mm
W10.18	3.5mm	230mm
W10.19	5mm	220mm
W10.20	6mm	205mm
W10.21	7mm	190mm
W10.22	8mm	180mm

Dilator



Type	Diameter	Working Length
W11.1	6.5mm	240mm
W11.2	7.5mm	240mm
W11.3	8.5mm	240mm

Dilator



Type	Diameter	Working Length
W11.4	6.5mm	240mm
W11.5	7.5mm	240mm
W11.6	8.5mm	240mm

Dilator



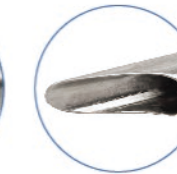
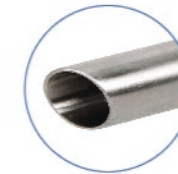
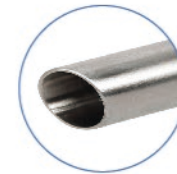
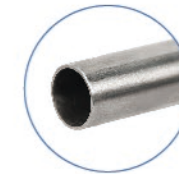
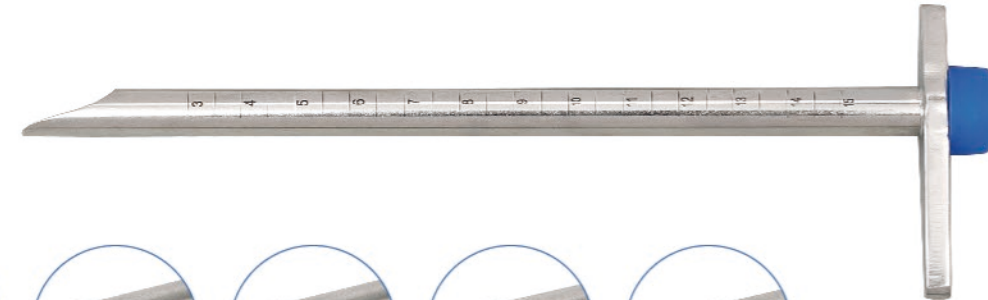
Type	Diameter	Working Length
W11.7	6.4mm	230mm
W11.8	7.0mm	230mm

Position Adjust Rod



Type	Diameter	Working Length
W11.9	7mm	240mm

Protective Sleeve (Endoscope Working Sleeve with Seal Cap)



0° 30° 45° 70° Long and Sharp Head

Type	Inner Diameter	Outer Diameter	Working Length	Angle
W12.1	6.5mm	7.5mm	165mm	0°
W12.2	6.5mm	7.5mm	120mm	0°
W12.3	6.5mm	7.5mm	165mm	30°
W12.4	6.5mm	7.5mm	120mm	30°
W12.5	6.5mm	7.5mm	165mm	45°
W12.6	6.5mm	7.5mm	120mm	45°
W12.7	6.5mm	7.5mm	165mm	70°
W12.8	6.5mm	7.5mm	120mm	70°
W12.9	6.5mm	7.5mm	165mm	Long and Sharp Head
W12.10	6.5mm	7.5mm	120mm	Long and Sharp Head
W12.11	7.1mm	8.2mm	165mm	0°
W12.12	7.1mm	8.2mm	120mm	0°
W12.13	7.1mm	8.2mm	165mm	30°
W12.14	7.1mm	8.2mm	120mm	30°
W12.15	7.1mm	8.2mm	165mm	45°
W12.16	7.1mm	8.2mm	120mm	45°
W12.17	7.1mm	8.2mm	165mm	70°
W12.18	7.1mm	8.2mm	120mm	70°
W12.19	7.1mm	8.2mm	165mm	Long and Sharp Head
W12.20	7.1mm	8.2mm	120mm	Long and Sharp Head

Elastic Guide Wire

Type	Diameter	Working Length
W51.1	0.8mm	450mm
W51.2	1.0mm	450mm
W51.3	1.2mm	450mm
W51.4	1.5mm	450mm

Protective Sleeve (Endoscope Working Sleeve)



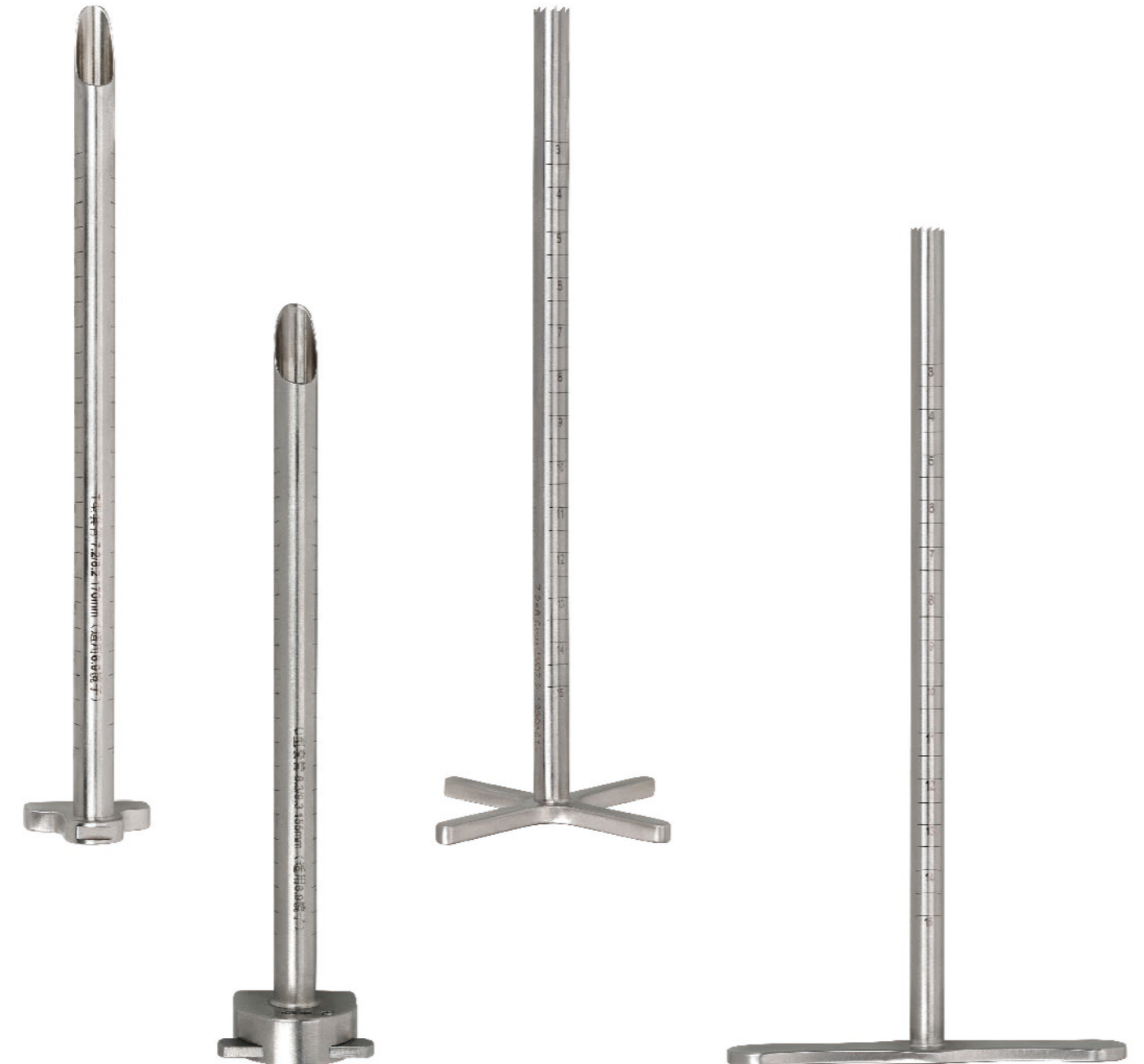
Type	Inner Diameter	Outer Diameter	Working Length	Angle
W13.1	6.5mm	7.5mm	165mm	0°
W13.2	6.5mm	7.5mm	120mm	0°
W13.3	6.5mm	7.5mm	165mm	30°
W13.4	6.5mm	7.5mm	120mm	30°
W13.5	6.5mm	7.5mm	165mm	45°
W13.6	6.5mm	7.5mm	120mm	45°
W13.7	6.5mm	7.5mm	165mm	70°
W13.8	6.5mm	7.5mm	120mm	70°
W13.9	6.5mm	7.5mm	165mm	Long and Sharp Head
W13.10	6.5mm	7.5mm	120mm	Long and Sharp Head
W13.11	7.1mm	8.2mm	165mm	0°
W13.12	7.1mm	8.2mm	120mm	0°
W13.13	7.1mm	8.2mm	165mm	30°
W13.14	7.1mm	8.2mm	120mm	30°
W13.15	7.1mm	8.2mm	165mm	45°
W13.16	7.1mm	8.2mm	120mm	45°
W13.17	7.1mm	8.2mm	165mm	70°
W13.18	7.1mm	8.2mm	120mm	70°
W13.19	7.1mm	8.2mm	165mm	Long and Sharp Head
W13.20	7.1mm	8.2mm	120mm	Long and Sharp Head

Interventional Puncture Needle



Type	Diameter	Working Length
W52.1	1.2mm	150mm
W52.2	1.6mm	150mm
W52.3	1.2mm	200mm
W52.4	1.6mm	200mm
W52.5	1.6mm	350mm

Visual Trephine  
Working Sleeve (UT Type)



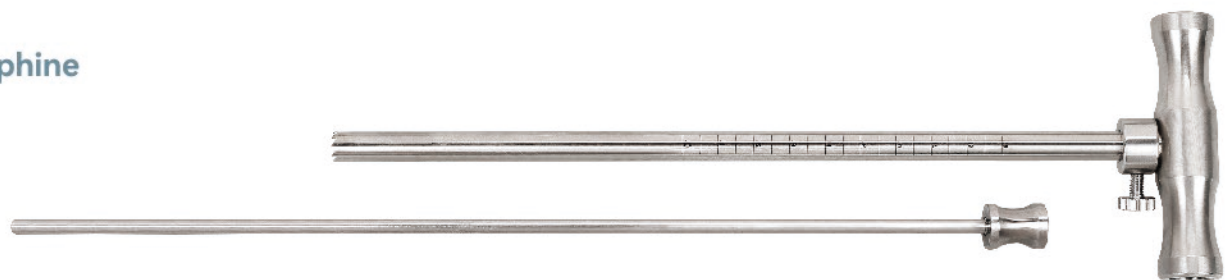
Type	Spec.
W14.1	6.3 Endoscope Use
W14.2	6.9 Endoscope Use
W14.3	7.3 Endoscope Use

**Visual Trepine**


Type	Inner Diameter	Outer Diameter	Working Length
W15.1	6.5mm	7.5mm	175mm
W15.2	7.2mm	8.5mm	175mm
W15.3	7.5mm	8.5mm	175mm

**Visual Trepine Working Sleeve**


Type	Inner Diameter	Outer Diameter	Working Length
W15.4	7.6mm	8.5mm	165mm
W15.5	8.2mm	9.5mm	165mm
W15.6	8.6mm	9.5mm	165mm

**Trepine**


Type	Diameter	Working Length
W16.1	6.5mm	220mm
W16.2	7.5mm	220mm
W16.3	8.5mm	220mm

**Trepine Working Sleeve**


Type	Diameter	Working Length
W16.4	7.5mm	175mm
W16.5	8.5mm	175mm
W16.6	9.5mm	175mm

**Trepine for Endoscope**


Type	Diameter	Working Length
W17.1	3.0mm	330mm
W17.2	3.5mm	330mm
W17.3	4.0mm	330mm



Type	Diameter	Working Length
W17.4	3.0mm	330mm
W17.5	3.5mm	330mm
W17.6	4.0mm	330mm



Type	Diameter	Working Length
W17.7	5.0mm	210mm
W17.8	6.5mm	210mm
W17.9	7.5mm	210mm
W17.10	8.2mm	210mm
W17.11	8.5mm	210mm

**Nerve root probe( to stretch type)**


Type	Diameter	Working Length
W18	3.5mm	330mm

**Nerve Elevator**


Type	Diameter	Working Length
W18.2	3.0mm	380mm

**Nerve Root Probe**


Type	Diameter	Working Length
W18.3	3.0mm	380mm

**Nerve Retractor**


Type	钩深	Working Length
W18.4	3.5mm	380mm

**Nerve Retractor (with Ball Head)**

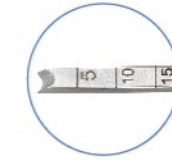

Type	钩深	Working Length
W18.5	3.5mm	380mm

**Osteotome for Endoscope (Ultra-thin Type)**


Type	Blade Wide	Working Length
W19.1	3.3mm	380mm

**Chisel for Endoscope (Single Blade Type)**


Type	Blade Wide	Working Length
W19.2	3.3mm	380mm

**Chisel for Endoscope (Curved Blade Type)**


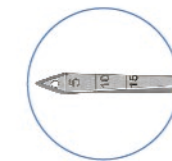
Type	Blade Wide	Working Length
W19.3	3.3mm	380mm

**Chisel for Endoscope (Half Round Type)**


Type	Blade Wide	Working Length
W19.4	3.0mm	380mm

**Fibrous Rings Knife (Sharp and Round Head)**


Type	Diameter	Working Length
W20.1	3.0mm	380mm

**Fibrous Rings Knife (Triangle Type)**


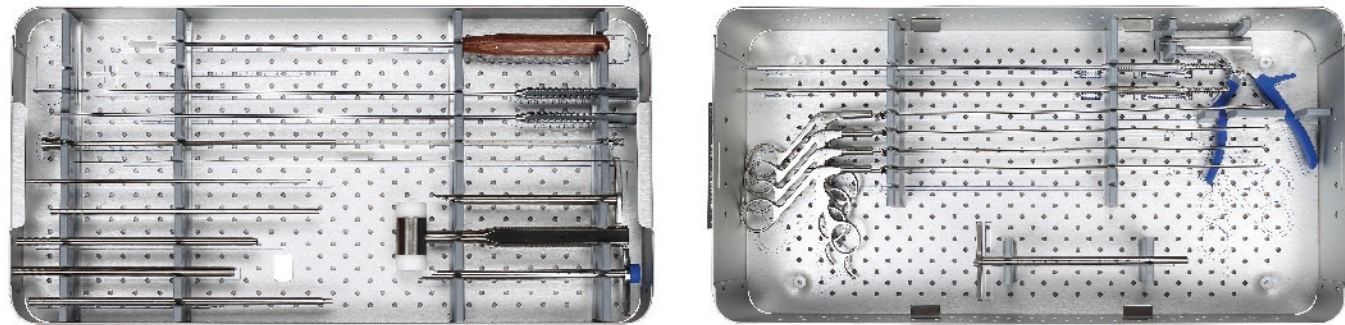
Type	Diameter	Working Length
W20.2	3.0mm	380mm

**Fibrous Rings Knife (Knot Pusher)**

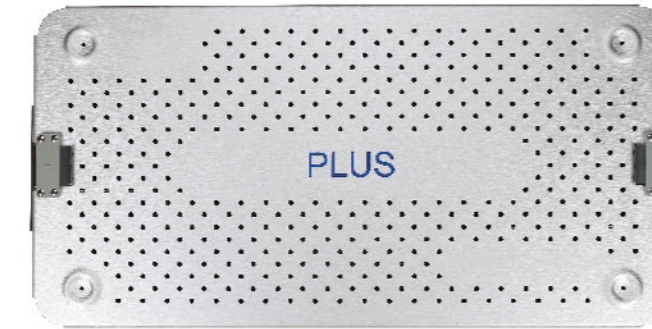

Type	Diameter	Working Length
W20.3	3.0mm	380mm

**Bone Curette for Endoscope**

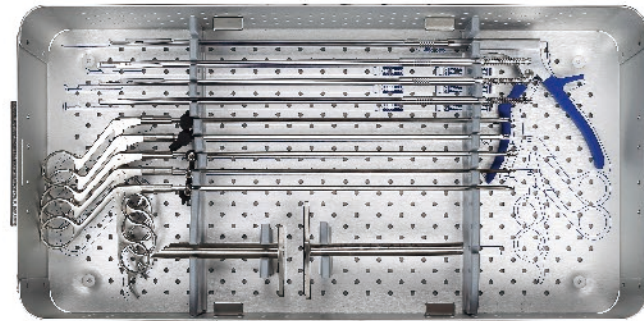
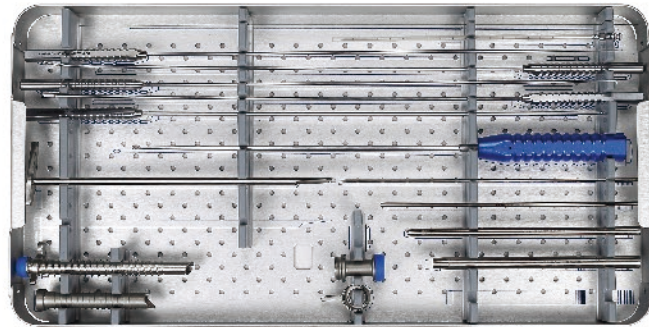

Type	直径	Working Length	Angle
W21.1-2	2.0mm	330mm	Curved15° / Curved30°
W21.3-4	3.0mm	330mm	Curved15° / Curved30°

**Minimally Invasive Spinal Transforaminal Endoscopic Surgical Instruments Kit  
(6.3mm Isee Product)**


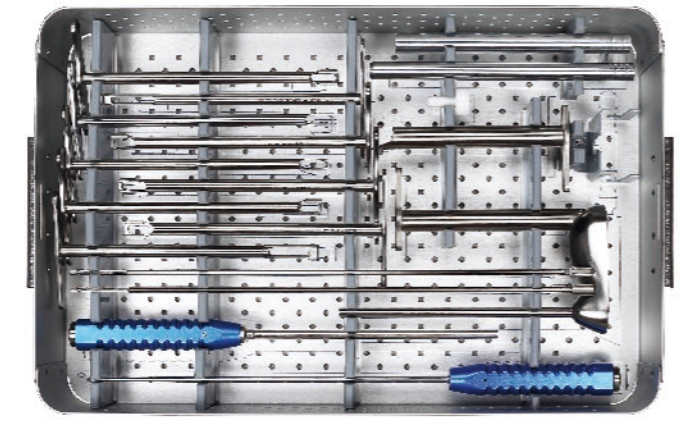
No	Product Name	Spec.	Qty	No	Product Name	Spec.	Qty
1	Guide Wire	Φ0.8*400mm	1	14	Osteotome	Φ3.5*330mm	1
2	Position Needle (Puncture Type)	Φ1.6*150mm	1	15	Elasticity Nerve retractor	Retractable Head	1
3	Position Rod	Φ3.2*Φ1.5*235mm	1	16	Bone Hammer		1
4	Dilator	Φ5.0*Φ3.4*212mm	1	17	Rongeur	Handle	1
5	Dilator	Φ6.4*Φ5.2*200mm	1	18	Rongeur Rod	350mm*2.0mm*130° (Rod Dia 3.5mm)	1
6	Dilator	Φ7.5*Φ6.5*175mm	1	19	Rongeur Rod	350mm*3.0mm*130° (Rod Dia 3.5mm)	1
7	Eccentric adjustment guide rod	Φ6.4*Φ2.5*200mm	1	20	Gaspar	330mm*Φ2.5* Straight Head	1
8	Working Sleeve (U Type)	Φ8.6*Φ7.6*145mm (Long and Sharp Head)	1	21	Gaspar	330mm*Φ3.0* Straight Head	1
9	Working Sleeve (T Type)	Φ7.5*Φ6.5*165mm (Long and Sharp Head)	1	22	Gaspar	330mm*Φ2.5* Curved Head	1
10	Extractor	Φ6*280mm	1	23	Rongeur	330mm*Φ2.5*0°	1
11	Position Ruler	200mm	1	24	Rongeur	330mm*Φ2.5*15°	1
12	Ring Saw	Φ7.5*Φ6.5*175mm	1	25	Gaspar	320mm*Φ2.5*Free Bend (Serrated)	1
13	Detacher	Φ3.5*330mm	1	26	Instruments Box		1

**Minimally Invasive Spinal Transforaminal Endoscopic Surgical Instruments Kit  
(7.3mm PLUS Product)**


No	Product Name	Spec.	Qty	No	Product Name	Spec.	Qty
1	Guide Wire	Φ0.8*400mm	1	15	Nerve retractor	Φ2.5*330mm	1
2	Position Needle (Puncture Type)	1.6*200mm	1	16	Osteotome	Φ3.0*330mm	1
3	Dilator	Φ1.6*Φ3.2*240mm	1	17	Hook	Φ2.5*330mm	1
4	Dilator	Φ3.4*Φ5.0*220mm	1	18	Rongeur	Handle	1
5	Dilator	Φ5.2*Φ7.0*200mm	1	19	Rongeur Rod	350mm*2.0mm*130°(Rod Dia 3.5mm)	1
6	Dilator	Φ7.3*Φ8.3*180mm	1	20	Rongeur Rod	350mm*3.5mm*130° (Rod Dia 3.5mm)	1
7	U Shape Working Sleeve	Φ9.6*Φ8.6*145mm	1	21	Rongeur Rod	350mm*4.0mm*130° (Rod Dia 4.0mm)	1
8	T Shape Working Sleeve	Φ8.5*Φ7.5*165mm	1	22	Gaspar	Φ3.5*330mm Straight Head	1
9	Thread Working Sleeve	Φ10.7*Φ8.7*150mm	1	23	Gaspar	Φ2.5*330mm Straight Head	1
10	Thread Working Sleeve		1	24	Gaspar	Φ2.5*330mm Curved Head	1
11	Bone Hammer	120g	1	25	Gaspar	Φ3.5*330mm Curved Head	1
12	Ring Saw(Import Material)	Φ8.5*Φ7.5*175mm	1	26	Rongeur	Φ2.5*330mm Curved 15°	1
13	Ring Saw(Import Material)	Φ8.5*Φ7.5*175mm	1	27	Rongeur	Φ3.5*330mm 0°	1
14	Bone Grafting Instrument	Φ7*245mm	1	28	Instruments Box		1

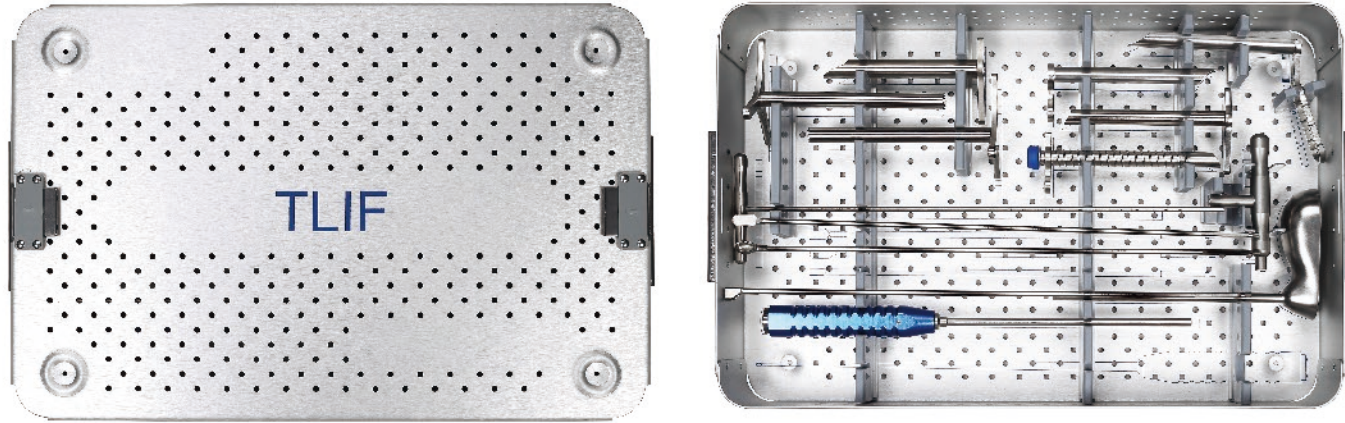
**Minimally Invasive Spinal Transforaminal Endoscopic Surgical Instruments Kit  
(10.0mm Delta Product)**


No	Product Name	Spec.	Qty	No	Product Name	Spec.	Qty
1	Guide Wire	Φ0.8*400mm	1	18	Elasticity Nerve Hook	Φ2.5*280mm	1
2	Position Needle(Puncture type)	Φ1.6*200mm	1	19	Blunt Endoscope Periosteal Detacher	Φ4.5*280mm	1
3	Dilator	Φ1.7*Φ3.0*230mm	1	20	Periosteal Detacher	Φ3.5*280mm	1
4	Dilator	Φ3.2*Φ5.0*210mm	1	21	Osteotome	Φ5.0*280mm	1
5	Dilator	Φ5.2*Φ8.0*190mm	1	22	Curette	Φ4.0*280mm	1
6	Dilator	Φ8.2*Φ10*170mm	1	23	Rongeur	Handle	1
7	Dilator	Φ10.2*Φ11.3*150mm	1	24	Rongeur Rod	280mm*2.0mm*130° (Rod Dia 5.5mm)	1
8	Thread Working Sleeve	Φ13.7*Φ10.2 Flat Head	1	25	Rongeur Rod	280mm*3.0mm*90° (Rod Dia 5.5mm)	1
9	Thread Working Sleeve	Φ13.7*Φ10.2 Circular Head	1	26	Rongeur Rod	280mm*3.0mm*130° (Rod Dia 5.5mm)	1
10	Working Sleeve Joint	Φ22*Φ10.2*36mm	1	27	Rongeur Rod	280mm*5.0mm*130° (Rod Dia 5.5mm)	1
11	Working Sleeve Handle		1	28	Rongeur	Φ4.0*280mm 0°	1
12	Working Sleeve Joint	Φ24*Φ10.2*20mm	1	29	Rongeur	Φ2.5*280mm Curved 45°	1
13	Working Sleeve	Φ5.9*Φ4.6*235mm	1	30	Gaspar	Φ2.5*280mm Straight Head	1
14	Position Rod	Φ5.9*200mm	1	31	Gaspar	Φ3.5*280mm Straight Head	1
15	Visual Ring Saw	Φ10.2*Φ11.5*120mm	1	32	Gaspar	Φ4.0*280mm Curved Head	1
16	Working Sleeve	Φ13*Φ11.4*114mm	1	33	Instruments Box		1
17	Retractor	Φ3.5*280mm	1				

**(PLIF Product) Minimally Invasive Spinal Transforaminal Endoscopic Surgical Instruments Kit**


No	Product Name	Spec.	Qty	No	Product Name	Spec.	Qty
1	Working Sleeve	Φ11.2*Φ10.2*125.5mm (Wide)	1	9	Osteotome	Φ6*240mm	1
2	Working Sleeve	Φ11.2*Φ10.2*125.5mm (Narrow)	1	10	Bone Reamer	4.5*300mm	1
3	Working Sleeve	Φ12.4*Φ11.4*108mm	1	11	Bone Reamer	4.5*300mm	1
4	Working Sleeve	Ellipses shape Φ10.2*125mm	1	12	Bone Reamer	4.5*300mm	1
5	Ring Saw	Φ11.2*Φ10.2*128mm Half Serrated	1	13	Bone Reamer	Handle	1
6	Ring Saw	Φ11.2*Φ10.2*128mm	1	14	Bone Graft Funnel	Φ8*Φ7*230mm	1
7	Working Sleeve	Half Opening shape Φ15*Φ14*125mm	1	15	Bone Grafting Instrument	Φ6.8	1
8	Ring Saw	Φ5.8*300mm	1	16	Instruments Box		1

(TLIF Product) Minimally Invasive Spinal Transforaminal Endoscopic Surgical Instruments Kit



No	Product Name	Spec.	Qty
1	Dilator	Φ10*Φ7.6*175mm	1
2	Dilator	Φ14.8*Φ10.2*155mm	1
3	Working Sleeve Joint	Φ20*Φ7.6*30mm	1
4	Working Sleeve	Φ16*Φ15*132mm	1
5	Working Sleeve	Φ18*Φ17*132mm	1
6	Bone reamer	Handle	1
7	Bone reamer	Φ4*320/2.5*8mm	1
8	Bone reamer	Φ4*320/2.5*9mm	1
9	Bone reamer	Φ8.5*L178/2.5*11.5	1
10	Bone reamer	Φ8.5*L178/2.5*10.5	1
11	Bone reamer	Φ8.5*L180/10.5	1

No	Product Name	Spec.	Qty
12	Bone reamer	Φ8.5*L180/11.5	1
13	Bone reamer	Φ8.5*186/H10	1
14	Bone reamer	Φ8.5*186/H11	1
15	Bone reamer	Φ8.5*186/H12	1
16	Chisel	Φ9.5*L176/11.5	1
17	Chisel	Φ9.5*L176/13.5	1
18	Bone graft funnel	Φ8*Φ7.1*230mm	1
19	Bone grafting instrument	Φ6.8	1
20	Curette	Φ4*320/H7	1
21	Instruments Box		1

Punches

FEATURES

- Pinless design
- High strength, high sharpness



Scissor Punch

Model	Specification
ZXCr610 1	125mm/3.5mm



Duckbill Punch, Straight

Model	Specification
ZXCr6111	125mm/4.8mm



Duckbil Punch, Upbiter, Straight

Model	Specification
ZXCr6112	125mm/4.8mm



Duckbill Punch, Left/Right Curved

Model	Specification
ZXCr6113	125mm/4.8mm
ZXCr6114	125mm/4.8mm



Oval Punch, Straight

Model	Specification
ZXCr6121	125mm/6mm



Oval Punch, Upbiter, Straight

Model	Specification
ZXCr6122	125mm/7mm



Anterior Horn Punch, Left/Right

Model	Specification
ZXCr6133	115mm/5.6mm
ZXCr6134	115mm/5.6mm



90° Rotary Punch, Left/Right

Model	Specification
ZXCr6143	125mm/7mm
ZXCr6144	125mm/7mm



Rotary Scissor 20° Hooked, Left/Right

Model	Specification
ZXCr6153	125mm/5.5mm
ZXCr6154	125mm/5.5mm



Rotary Scissor 60° Hooked, Left/Right

Model	Specification
ZXCr6163	125mm/7.1mm
ZXCr6164	125mm/7.1mm

Grasper



Tissue Grasper

Model	Specification
ZXCr6271	125mm/3.3mm



Loose-body Grasper

Model	Specification
ZXCr6272	125mm/4mm

Knee Suture Passer

FEATURES

- Easy, one step suture loading
- Multi-functional, grasps tissue, passes and retrieves suture



Knee Suture Passer

Model	Specification
ZXCr6502	136mm/4.4mm

Simple ACL Reconstruction Instrument Set



Tibial Aimer Handle

Model	Specification
ZXMZ2301	/



ACL Aimer

Model	Specification
ZXMZ1201	/



PCL Aimer

Model	Specification
ZXMZ1202	/



Aimer Guide

Model	Specification
ZXMZ3101	/



Tibial Drill

Model	Specification
ZXZT1005	6mm
ZXZT1007	7mm
ZXZT1009	8mm
ZXZT1011	9mm



Femoral Drill

Model	Specification
ZXZT1025	4.5mm
ZXZT1028	6mm
ZXZT1030	7mm
ZXZT1032	8mm
ZXZT1034	9mm



Tendon Strippers Closed

Model	Specification
ZXTQ2001	4.75mm



Depth Probe

Model	Specification
ZXCL1001	234mm

Simple ACL Reconstruction Instrument Set



PCL Protector

Model	Specification
ZXBL1202	/



Probe With Handle

Model	Specification
ZXCL3001	121mm/3mm with Scale



Femoral Aimer Handle

Model	Specification
ZXMZ2501	/



Femoral Aimer

Model	Specification
ZXMZ1101	φ5mm
ZXMZ1102	φ6mm



Sizing Block

Model	Specification
ZXCL4001	195mm



Guiding Pin

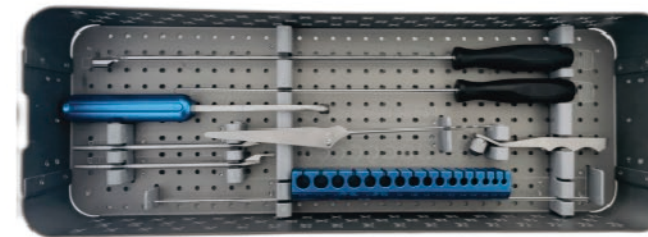
Model	Specification
ZXDZ2101	φ2.3mm



Guiding Wire

Model	Specification
ZXDZ3303	1mm

Simple ACL Reconstruction Instrument Set



No.	Product Name	Model
1	ACL Aimer	ZXMZ1201
2	PCL Aimer	ZXMZ1202
3	Tibial Aimer Handle	ZXMZ2301
4	Aimer Guide	ZXMZ3101
5	Tibial Drill 6mm	ZXZT1005
6	Tibial Drill 7mm	ZXZT1007
7	Tibial Drill 8mm	ZXZT1009
8	Tibial Drill 9mm	ZXZT1011
9	Femoral Drill 4.5mm	ZXZT1025
10	Femoral Drill 6mm	ZXZT1028
11	Femoral Drill 7mm	ZXZT1030
12	Femoral Drill 8mm	ZXZT1032

No.	Product Name	Model
13	Femoral Drill 9mm	ZXZT1034
14	Tendon Strippers Closed	ZXTQ2001
15	Depth Probe	ZXCL1001
16	PCL Protector	ZXBL1202
17	Femoral Aimer Handle	ZXMZ2501
18	Probe With Handle	ZXCL3001
19	Femoral Aimer φ5mm	ZXMZ1101
20	Femoral Aimer φ6mm	ZXMZ1102
21	Sizing Block	ZXCL4001
22	Guiding Pin	ZXDZ2101
23	Guiding Wire	ZXDZ3303

**Artificial Ligament Reconstruction Instrument Kit**

**Tibial Aimer Handle**

Model	Specification
ZXMZ2502	Contain Handle,back fork protector,guider,Position Axis,Snap Joint,Gasket


**Thread Aimer**

Model	Specification
ZXMZ1204	6.0mm


**Limit Drill**

Model	Specification
ZXZT2007	7.0mm
ZXZT2008	7.5mm


**Canulated Drill**

Model	Specification
ZXZT1051	6.0mm
ZXZT1053	7.0mm
ZXZT1054	7.5mm


**Thread Aimer**

Model	Specification
ZXMZ1205	7.5mm


**Thread Aimer**

Model	Specification
ZXMZ4601	/


**Bone Sampler**

Model	Specification
ZXTQ3001	/


**Screwdriver**

Model	Specification
ZXSZ2003	/


**Drill Aimer Handle**

Model	Specification
ZXMZ2401	195mm


**Drill Aimer**

Model	Specification
ZXMZ1103	Straight Type


**Guiding Wire**

Model	Specification
ZXDZ3306	Double Head 3.0mm
ZXDZ1202	2.0mm
ZXDZ3201	3.0mm
ZXDZ3305	1.5mm
ZXDZ3302	/


**Cannula**

Model	Specification
ZXKK6012	Cannual Rod
ZXKK6013	Cannual Heandle
ZXKK6014	Short Cannual
ZXKK6006	4.8mm*200mm
ZXKK6007	4.8mm*300mm
ZXKK6016	Cannual Rod
ZXKK6010	Cannual Heandle
ZXKK6011	Short Cannual


**Drill Aimer**

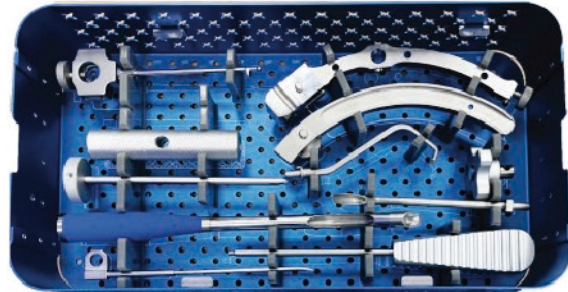
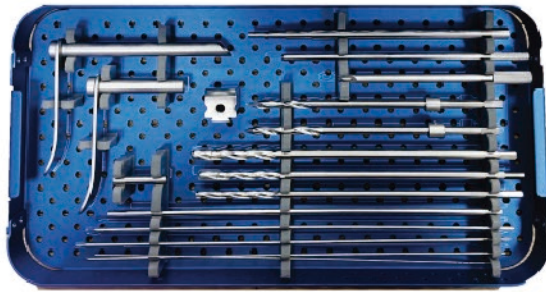
Model	Specification
ZXMZ1203	Curved Type


**Pulling Handle**

Model	Specification
ZXSB1101	/

**Artificial Ligament Reconstruction Instrument Kit**

Artificial Ligament Reconstruction Instrument Kit



No.	Product Name	Model
1	Drill Aimer Handle	ZXMZ2502
2	PCL Protector	ZXBL1103
3	Thread Aimer	ZXMZ1204
4	Thread Aimer	ZXMZ1205
5	Thread Aimer	ZXMZ4601
6	Drill Guide	ZXMZ3501
7	Drill Guide	ZXMZ3502
8	Drill Aimer	ZXMZ4101
9	Drill Aimer	ZXMZ1103
10	Drill Aimer	ZXMZ1203
11	Drill Aimer Handle	ZXMZ2401
12	Limit Drill 7.0mm	ZXZT2007
13	Limit Drill 7.5mm	ZXZT2008
14	Canulated Drill 6.0mm	ZXZT1051
15	Canulated Drill 7.0mm	ZXZT1053
16	Canulated Drill 7.5mm	ZXZT1054

No.	Product Name	Model
17	Pulling Handle	ZXSB1101
18	Cannula Handle,rod	ZXKK6012
19	Cannula Handle,head	ZXKK6013
20	Short Cannula	ZXKK6014
21	Cannula 4.8mm*200mm	ZXKK6006
22	Cannula 4.8mm*300mm	ZXKK6007
23	Cannula 6.0mm	ZXKK6016
24	Cannula 8.0mm	ZXKK6010
25	Cannula 9.5mm	ZXKK6011
26	Bone Sampler	ZXTQ3001
27	Double Headed Guidin Gwire 3.0mm	ZXDZ3306
28	Guiding Wire 2.5mm	ZXDZ1202
29	Guiding Wire 3.0mm	ZXDZ3201
30	Guiding Pin 1.5mm	ZXDZ3305
31	Guiding Pin 0.8mm	ZXDZ3302
32	Screwdriver	ZXSZ2003

Nail Planting Set



Beam splitter

Model	Specification
ZXKK1001	/



Drill aimer handle

Model	Specification
ZXMZ2601	/



Screwdriver

Model	Specification
ZXSZ2001	Hexagonal
ZXSZ1001	Square
ZXSZ2002	Hexagonal Long Shape



Insertor

Model	Specification
ZXKK2001	Short



Insertor

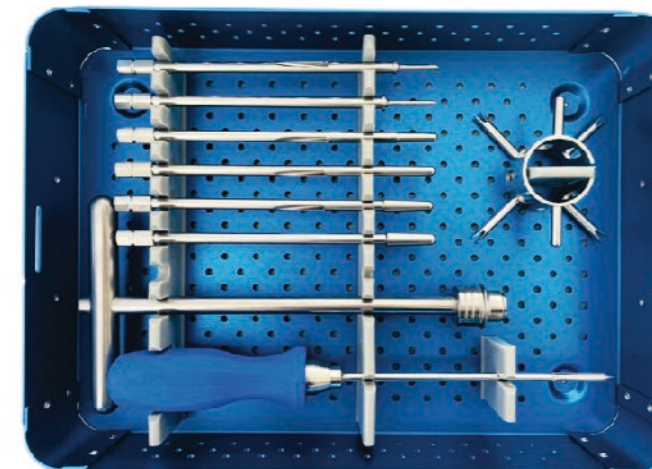
Model	Specification
ZXKK2002	Long



Dilator

Model	Specification
ZXKK3001	6mm
ZXKK3002	7mm
ZXKK3003	8mm
ZXKK4001	9mm

Nail Planting Set

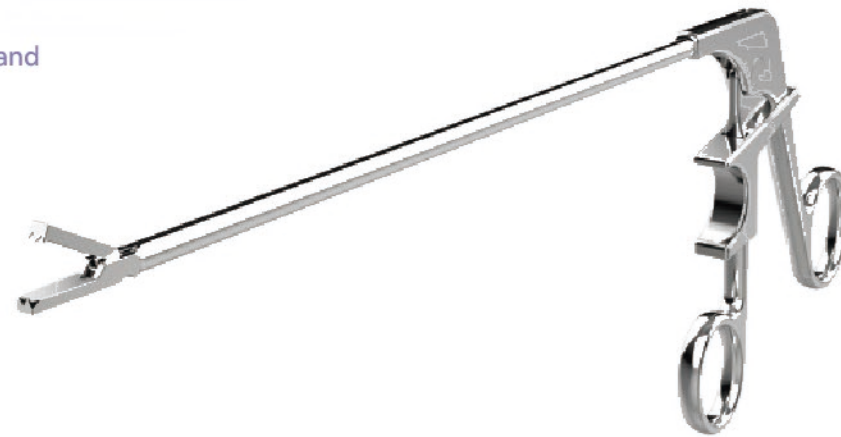


No.	Product Name	Model
1	Beam Splitter	ZXKK1001
2	Screwdriver	ZXSZ2001
3	Drill Aimer Handle	ZXMZ2601
4	Insertor	ZXKK2001
5	Insertor	ZXKK2002
6	Dilator 6mm	ZXKK3001
7	Dilator 7mm	ZXKK3002
8	Dilator 8mm	ZXKK3003
9	Dilator 9mm	ZXKK4001

Graspers

FEATURES

- Easy, one step suture loading
- Multi-functional, grasps tissue, passes and retrieves suture



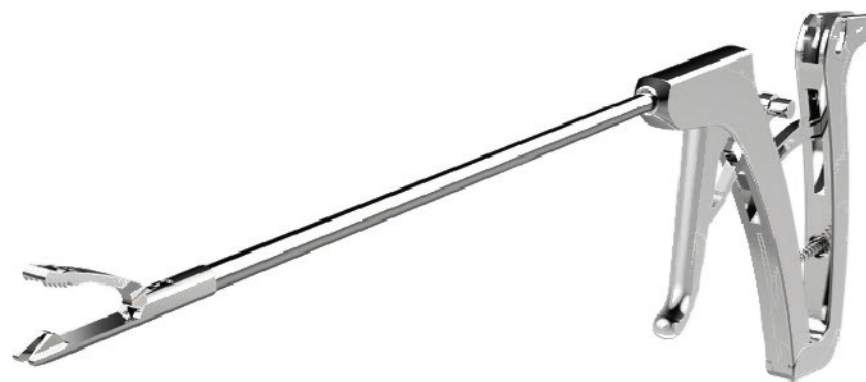
Tissue Grasper

Model	Specification
ZXCr7271	170mm/4.5mm

Shoulder Suture Passer

Suture Passer

Model	Specification
ZXCr7500	170mm/4.5mm



Suture Passers

FEATURES

- Pinless design
- High strength, high sharpness



Suture Retriever

Model	Specification
ZXCr7380	165mm/4mm



Birdy Suture Passer, Straight

Model	Specification
ZXCr7381	165mm/2.5mm



Birdy Suture Passer, 45° Left/Right

Model	Specification
ZXCr7382	165mm/5.4mm
ZXCr7383	165mm/5.4mm



Birdy Suture Passer, Upbiter

Model	Specification
ZXCr7384	165mm/2.5mm



Beak Suture Retriever

Model	Specification
ZXCr7385	165mm/4mm



Beak Suture Retriever

Model	Specification
ZXCr7386	165mm/4mm

FEATURES

- In conformity with international standards, Good quality which can be comparable to imported famous brands.
- Made of imported stainless steel, Quality assurance.
- unrvalued strength, extraordinary sharpness, strong bite force, dean, scissor-like cuts.



Sutrie Cutter

Model	Specification
ZxCr7400	129mm/4.2mm



Sutrie Cutter

Model	Specification
ZXCr7401	142mm/4mm



SLAP Rasp

Model	Specification
ZXGC0101	/



Probe

Model	Specification
ZXCL200 1	223mm with Scale



Switching Stick

Model	Specification
ZXDZ3301	4mm



Broaching Punch

Model	Specification
ZXKK5001	/



Hammer

Model	Specification
ZXGC1001	/



Knot Pusher

Model	Specification
ZXDJ1001	/



Push/Pull Crochet Hook

Model	Specification
ZXDJ2001	/



Bone Elevator

Model	Specification
ZXGQ1101	Upper Curved 15°



Drillguide

Model	Specification
ZXMZ3201	3.5mm
ZXMZ3202	5.0mm



Broaching Punch

Model	Specification
ZXKK4001	φ1.80mm

Suture Hook



Femoral Drill

Model	Specification
ZXWG1001	Straight
ZXWG2001	Big Crescent
ZXWG3001	Small Crescent
ZXWG4101	Left Curved 25°
ZXWG4201	Left Curved 45°
ZXWG4301	Left Curved 60°
ZXWG4401	Left Curved 90°
ZXWG5101	Right Curved 25°
ZXWG5201	Right Curved 45°
ZXWG5301	Right Curved 60°
ZXWG5401	Right Curved 90°

Suture Hook

Model	Specification
ZXWG1002	straight
ZXWG2002	crescent
ZXWG3002	crescent
ZXWG4102	left 25°
ZXWG4202	left 45°
ZXWG4302	left 60°
ZXWG4402	left 90°
ZXWG5102	right 25°
ZXWG5202	right 45°
ZXWG5302	right 60°
ZXWG5402	right 90°
ZXWG6001	Spiral left
ZXWG6002	Spiral right

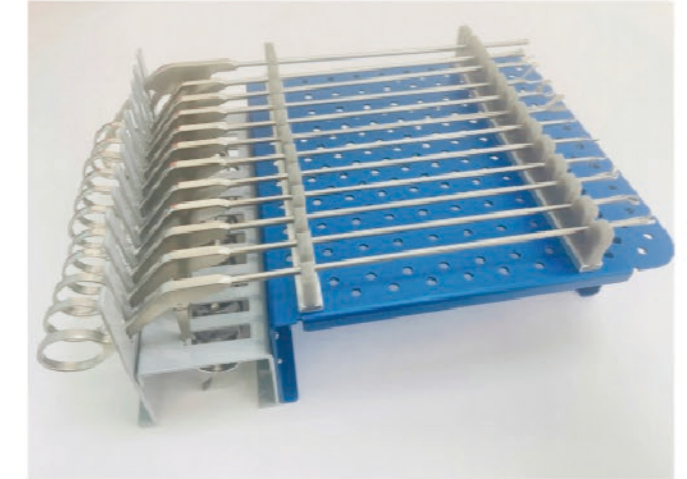
Combined type Curved Hook Handle  
ZXSB1102



Hip Solution

FEATURES

- Pinless design
- High strength, high sharpness



Duckbill Punch

Model	Specification
ZXCr9111	3.5mmx220mm



Duckbill Punch, 45° Left Curved

Model	Specification
ZXCr9112	6.6mmx220mm Left Curved Head 45°



Duckbill Punch, 45° Right Curved

Model	Specification
ZXCr9113	6.6mmx220mm Right Curved Head 45°



Birdbeak Suture Retriever, Upbiter

Model	Specification
ZXCr9391	2.6mmx220mm



Birdbeak Suture Retriever, Left

Model	Specification
ZXCr9392	5.4mmx220mm



Birdbeak Suture Retriever, Right

Model	Specification
ZXCr9393	5.4mmx220mm


**Suture Cutter**

Model	Specification
ZXCr9400	4.2mm x220mm


**Loose-body Grasper**

Model	Specification
ZXCr9281	4.0mm x220mm


**Suture Retriever**

Model	Specification
ZXCr9381	220mm


**Bankart rasp, Upbiter 20°**

Model	Specification
ZXGC0102	4.0mmx220mm Upwards 20°


**Osteotome**

Model	Specification
ZXGD1001	4.75mmx220mm Upwards 15°
ZXGD1101	4.75mmx220mm Upwards 30°


**Suture Cutter**

Model	Specification
ZXCr9401	4mmx220mm


**Tissue Grasper**

Model	Specification
ZXCr9283	4.2mm x220mm


**Kingfisher Suture Retriever**

Model	Specification
ZXCr9382	4.0mmx220mm


**Bankart rasp, Downward 20°**

Model	Specification
ZXGC0202	4.0mmx220mm Downwards 20°


**Osteotome**

Model	Specification
ZXGD2001	4.75mmx220mm Downwards 15°
ZXGD2101	4.75mmx220mm Downwards 30°

**Hip Solution**

**Suture Passer Hook**

Model	Specification
ZXDJ2002	3.15mm x220mm


**Hook Knife**

Model	Specification
ZXLG05	3.0mm x220mm


**Switching Stick(Empty Inside)**

Model	Specification
ZXDZ3401	3.5mmx330mm


**Cannula**

Model	Specification
ZXKK6015	5.0mmx120mm
ZXKK6016	6.0mmx120mm


**Bone Curettes**

Model	Specification
ZXGC1555	4.75mm x220mm


**Probe**

Model	Specification
ZXCL3002	4.0mm x220mm


**Knot Pusher**

Model	Specification
ZXDJ1002	3.15mmx220mm

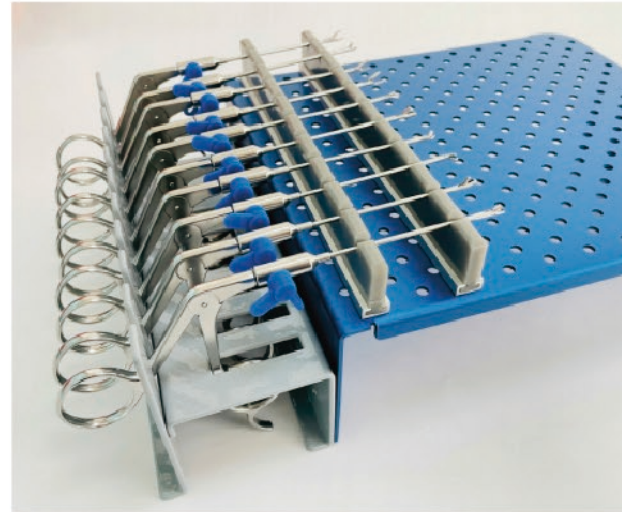

**Chondro Pick**

Model	Specification
ZXKK5006	220mm Straight
ZXKK5009	220mm60°
ZXKK5010	220mm90°

Smalljoint Solution

FEATURES

- Pinless design
- High strength, high sharpness



Duckbill Punch, Straight

Model	Specification
ZXCr8186	3.0mmx80mm



Duckbill Punch, 45° Right Curved

Model	Specification
ZXCr8113	3.0mmx80mm



Small Duckbill Punch, Straight

Model	Specification
ZXCr81811	2.5mm x80mm



Loose-body Grasper

Model	Specification
ZXCr82811	3.0mm x80mm



Duckbill Punch, Upswept Curved

Model	Specification
ZXCr8111	3.0mmx80mm



Duckbill Punch, 45° Left Curved

Model	Specification
ZXCr8112	3.0mmx80mm



Loose-body Grasper, Straight, Downward

Model	Specification
ZXCr81812	2.5mmx80mm



Tissue Grasper

Model	Specification
ZXCr82810	2.5mmx80mm

Hip Solution



Tissue Grasper

Model	Specification
ZXCr82812	2.5m m x80mm



Bankart Rasp, Upbiter 20°

Model	Specification
ZXGC0103	3.0mmx80mm



Osteotome

Model	Specification
ZXGD3201	122mm Straight
ZXGD1102	122mm Upwards



Suture Passer Hook

Model	Specification
ZXDJ2003	2.5mmx80mm



Detacher Blade

Model	Specification
ZXBL1107	2.0mmx80mm



Chondro Pick, Straight

Model	Specification
ZXKK5011	90mm Straight
ZXKK5013	90mm 30°
ZXKK5015	90mm 60°
ZXKK5016	90mm 90°



Beak Suture Retriever

Model	Specification
ZXCr8381	2.5m mx80mm



Bankart Rasp, Downward 20°

Model	Specification
ZXGC0203	3.0mmx80mm



Bone Currettes

Model	Specification
ZXGC1662	3.0mmx80mm
ZXGC1762	3.0mmx80mm Upwards



Probe

Model	Specification
ZXCL3003	2.0mmx80mm



Knot Pusher

Model	Specification
ZXDJ1003	2.0mmx80mm