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## АРТРОСКОПІЯ, ОРТОПЕДІЯ



通过ISO9001、ISO13485认证

通过欧盟“CE”认证、美国FDA认证

2024年6月第一版

## 椎间孔镜手术系统 6.3mm Transforaminal endoscopic surgical system

椎间孔内窥镜 Endoscope  
G0113 30°  $\Phi 6.3 \times 181\text{mm}$ , 工作通道3.7mm Working channel



### 套管 Cannula

- G5014.6T  $\Phi 7.5 \times 150\text{mm}$  (0°)
- G5014.7T  $\Phi 7.5 \times 155\text{mm}$  (30°)
- G5014.8T  $\Phi 7.5 \times 160\text{mm}$  (45°)
- G5014.9T  $\Phi 7.5 \times 165\text{mm}$  (70°)
- G5014.10T  $\Phi 7.5 \times 170\text{mm}$  (120°)
- G5015.6T  $\Phi 7.8 \times 180\text{mm}$  (70°) 厚壁 Thick wall
- G5015.7T  $\Phi 7.8 \times 190\text{mm}$  (120°) 厚壁 Thick wall
- G5015.8T  $\Phi 7.5 \times 120\text{mm}$  (30°) 后路 Posterior
- G5015.9T  $\Phi 7.5 \times 120\text{mm}$  (45°) 后路 Posterior
- G5015.10T  $\Phi 7.5 \times 120\text{mm}$  (70°) 后路 Posterior

用于置入内窥镜, 保护神经根; 各种长度、角度方便医生根据不同的手术选择套管。  
Use for entering the endoscope, protect the nerve root; it is convenient for doctors choosing the cannula with different lengths and angles.



0°

30°

45°

70°

120°

扩张管 Dilator  
G5002.7T  $\Phi 6.3 \times 210\text{mm}$ , 圆锥形  
G5002.8T  $\Phi 3 \times 230\text{mm}$ , 圆锥形



环锯 Trephine  
G5005.1T  $\Phi 5.1 \times 240\text{mm}$   
G5006.1T  $\Phi 6.3 \times 240\text{mm}$   
G5004.1T  $\Phi 3 \times 355\text{mm}$  镜下



环锯 Trephine  
G5072.1T  $\Phi 7.5 \times 160\text{mm}$  镜外, 配G5072T  
G5072.1T-1  $\Phi 7.5 \times 165\text{mm}$   
G5072.1T-2  $\Phi 7.5 \times 170\text{mm}$   
G5072.1T-3  $\Phi 7.5 \times 175\text{mm}$



套管 Cannula  
G5072T  $\Phi 8.5 \times 140\text{mm}$   
G5072T-1  $\Phi 8.5 \times 145\text{mm}$   
G5072T-2  $\Phi 8.5 \times 150\text{mm}$



## 椎间孔镜手术系统 6.6mm Transforaminal endoscopic surgical system

G0118.1 椎间孔内窥镜 Endoscope  
30°,  $\Phi 6.6 \times 181\text{mm}$  工作通道4mm Working channel,  
耐高温高压 Autoclave, 德国费格 German



扩张管 Dilator  
G5002.8T  $\Phi 3 \times 230\text{mm}$ , 圆锥形  
G5002.7T  $\Phi 6.3 \times 210\text{mm}$ , 圆锥形



套管 Cannula

G5702.1T  $\Phi 7.6 \times 0.4 \times 160\text{mm}$  (0°)  
G5702.2T  $\Phi 7.6 \times 0.4 \times 165\text{mm}$  (30°)  
G5702.3T  $\Phi 7.6 \times 0.4 \times 170\text{mm}$  (60°)  
G5702.4T  $\Phi 7.6 \times 0.4 \times 175\text{mm}$  (80°)  
G5702.5T  $\Phi 7.6 \times 0.4 \times 180\text{mm}$  (120°)  
G5702.6T  $\Phi 7.6 \times 0.4 \times 120\text{mm}$  (60°)  
G5702.7T  $\Phi 7.6 \times 0.4 \times 120\text{mm}$  (80°)  
G5702.8T  $\Phi 7.6 \times 0.4 \times 120\text{mm}$  (120°)

环锯 Trephine  
G5703T  $\Phi 6.6 \times 240\text{mm}$   
G5007T  $\Phi 7.6 \times 220\text{mm}$



## 椎间孔镜手术系统 6.9mm Transforaminal endoscopic surgical system

G0113A 椎间孔内窥镜 Endoscope  
30°,  $\Phi 6.9 \times 181\text{mm}$ , 工作通道4mm Working channel



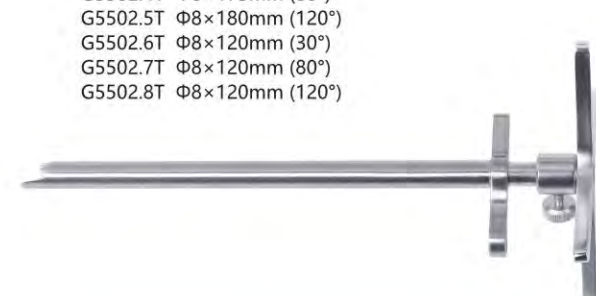
扩张管 Dilator  
G5002.6T  $\Phi 6.9 \times \Phi 3 \times 210\text{mm}$   
G5002.8T  $\Phi 3 \times 230\text{mm}$



套管 Cannula

G5502.1T  $\Phi 8 \times 160\text{mm}$  (0°)  
G5502.2T  $\Phi 8 \times 165\text{mm}$  (30°)  
G5502.3T  $\Phi 8 \times 170\text{mm}$  (45°)  
G5502.4T  $\Phi 8 \times 175\text{mm}$  (80°)  
G5502.5T  $\Phi 8 \times 180\text{mm}$  (120°)  
G5502.6T  $\Phi 8 \times 120\text{mm}$  (30°)  
G5502.7T  $\Phi 8 \times 120\text{mm}$  (80°)  
G5502.8T  $\Phi 8 \times 120\text{mm}$  (120°)

环锯 Trephine  
G5503T  $\Phi 5 \times 240\text{mm}$   
G5403.1T  $\Phi 7 \times 240\text{mm}$



G5504.1T 环锯 Trephine  
 $\Phi 8 \times 170\text{mm}$  镜外, 配G5504T



G5504T 套管 Cannula  $\Phi 9 \times 150\text{mm}$

## 椎间孔镜手术系统（通用件） Transforaminal endoscopic surgical system (Standard parts)



独特专利设计的阶梯旋转钻和神经保护端头极大提高了安全性，带引导，快锁手柄设计。  
The unique patented design drill and nerve protected end increase the safety greatly, with guide, quick lock handle design.



安全骨钻 Safe bone drill  
G5069.1T  $\Phi 4 \times 200\text{mm}$   
G5069.2T  $\Phi 6 \times 200\text{mm}$   
G5069.3T  $\Phi 7 \times 200\text{mm}$   
G5069.4T  $\Phi 8 \times 200\text{mm}$   
G5069.5T  $\Phi 9 \times 200\text{mm}$



G5069T 手柄 Handle



G5066.4T 定位针 Locating needle  
 $\Phi 2.2 \times 175\text{mm}$  球形手柄  
在关节突上定位打点，头部为三棱尖  
Locating in the zygapophysis,  
head is sharp trigone

G5066.5T 定位探针 Probe  
 $\Phi 2.2 \times 175\text{mm}$  球形手柄  
探索通道，保护神经，头部为钝头  
Search channel, protect nerve,  
head is blunt.

G5066.6T 定位钻 Locating drill  
 $\Phi 2.2 \times 185\text{mm}$  球形手柄  
通过定位针的打点钻通关节突，不对发生位移  
Break the zygapophysis by the guide need,  
no displacement



定位调整套管 Cannula  
G5068T  $\Phi 8 \times 170\text{mm}$  双通道 2 channels  
G5068.1T  $\Phi 8 \times 170\text{mm}$  五通道 5 channels  
G5068.2T  $\Phi 6 \times 170\text{mm}$  三通道 3 channels  
G5068.3T  $\Phi 5 \times 170\text{mm}$  双通道 2 channels  
调整和重新定位插入点位置  
Adjust and re-guide the insert position



G5008T 神经拉钩  
 $3.4 \times \Phi 2.2 \times 330\text{mm}$   
Nerve hook



G5009T 剥离子  
 $3.3 \times \Phi 2.2 \times 330\text{mm}$   
Elevator



G5010T 神经探针  
 $3.2 \times \Phi 2.2 \times 330\text{mm}$   
Nerve probe



G5011T 尖锥  $\Phi 3 \times 330\text{mm}$   
Hollow sharp cone



G5012T 定位标尺  
 $\Phi 4 \times 300\text{mm}$   
Locating ruler



G5013.1T 骨凿镰状刀  
 $2.6 \times \Phi 2.2 \times 330\text{mm}$   
Sickle knife



G5013.2T 骨凿穿刺针  
 $3.4 \times \Phi 2 \times 330\text{mm}$   
Trocator



G5013.3T 骨凿半圆头  
 $\Phi 3 \times 330\text{mm}$   
Osteotome

## 椎间孔镜手术系统（通用件） Transforaminal endoscopic surgical system (Standard parts)



G5016T 减压阻断器 Decompression blocker



G5017T 毛刷 Brush Φ1.5×330mm



G5018T 乳突锤子 Mastoid mallet Φ17×55mm



定位针 Trocar, 长150mm或200mm

G5019.4T Φ1.2mm

G5019.8T Φ1.3mm

G5019.7T Φ1.6mm

用于定位时插入，也可以用于注射麻醉剂和造影剂

Use for insert when locating, also use for injecting anesthetic and contrast agent



活检钳

Biopsy forceps

G5021T Φ3×330mm

G5321T Φ2.5×330mm

髓核钳杯形头

Nucleus pulposus forceps, cup head

G5022T Φ3×330mm

G5022.1T Φ3×400mm

G5022.2T Φ3.5×330mm

G5322T Φ2.5×330mm

抓钳 Grasping forceps

G5023T 45° Φ3×330mm

G5323T 45° Φ2.5×330mm



咬切钳 上翘10°

Punch forceps

G5024.2T Φ3.5×330mm

G5024.6T Φ2.5×330mm



抓钳，倒齿

Grasping forceps, pawl

G5025T Φ3×330mm

G5325T Φ2.5×330mm



G5028T 异物钳 粗齿

Φ3×330mm

Foreign body forceps, rough tooth



G5029T 抓钳

Φ3×330mm 锯齿

Grasping forceps, serrated



G5030T 髓核钳 Φ3.5×330mm

Nucleus pulposus forceps



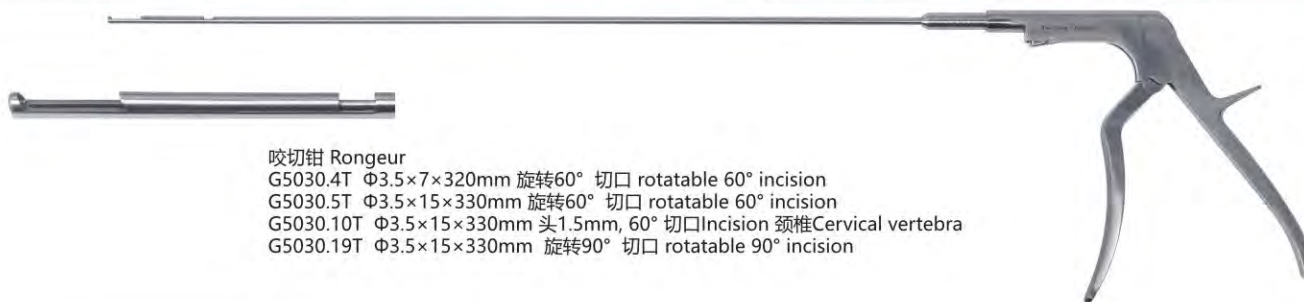
活检钳，可弯

Biopsy forceps, flexible

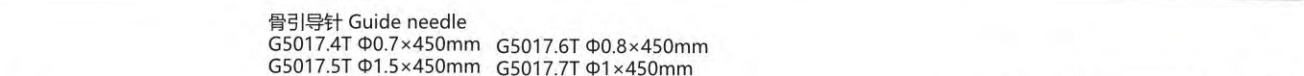
G5033T Φ2.7×330mm

G5333T Φ2.5×330mm

## 椎间孔镜手术系统（通用件） Transforaminal endoscopic surgical system (Standard parts)



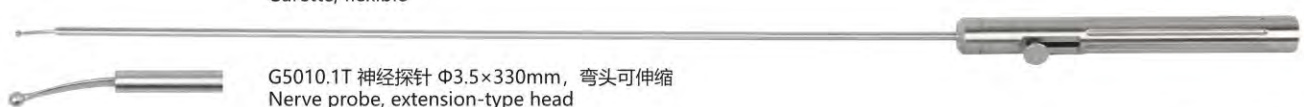
咬切钳 Rongeur  
G5030.4T  $\Phi 3.5 \times 7 \times 320\text{mm}$  旋转60° 切口 rotatable 60° incision  
G5030.5T  $\Phi 3.5 \times 15 \times 330\text{mm}$  旋转60° 切口 rotatable 60° incision  
G5030.10T  $\Phi 3.5 \times 15 \times 330\text{mm}$  头1.5mm, 60° 切口 Incision 颈椎 Cervical vertebra  
G5030.19T  $\Phi 3.5 \times 15 \times 330\text{mm}$  旋转90° 切口 rotatable 90° incision



骨引导针 Guide needle  
G5017.4T  $\Phi 0.7 \times 450\text{mm}$  G5017.6T  $\Phi 0.8 \times 450\text{mm}$   
G5017.5T  $\Phi 1.5 \times 450\text{mm}$  G5017.7T  $\Phi 1 \times 450\text{mm}$



G5311T 刮匙  
 $\Phi 2.5 \times 290\text{mm}$  可弯  
Curette, flexible



G5010.1T 神经探针  $\Phi 3.5 \times 330\text{mm}$ , 弯头可伸缩  
Nerve probe, extension-type head



G5043T 磁棒 Magnetic bar  $\Phi 3.4 \times 330\text{mm}$



G5032T 夹持钳 Holding forceps



T5010 导光束 Light guide cable  $\Phi 4.5 \times 2000\text{mm}$



T1001 连接器 Adaptor

## 椎间孔镜手术系统（选购件） Transforaminal endoscopic surgical system (Options)



椎间孔内窥镜 Endoscope  
G0113.9A 0°  $\Phi 4.65 \times 251\text{mm}$ , 工作通道2mm Working channel  
G0113.9B 30°  $\Phi 4.65 \times 251\text{mm}$ , 工作通道2mm Working channel  
G0113.9C 30°  $\Phi 4.65 \times 181\text{mm}$ , 工作通道2mm Working channel

套管 Cannula  
G5014.14T  $\Phi 5.3 \times 188\text{mm}$  (0°) 配G0113/9A镜  
G5014.15T  $\Phi 5.3 \times 188\text{mm}$  (30°) 配G0113/9B镜  
G5014.16T  $\Phi 5.3 \times 118\text{mm}$  (30°) 配G0113/9C镜

## 椎间孔镜手术系统（选购件） Transforaminal endoscopic surgical system (Standard parts)



G5001T 扩张管7支组件 Dilator, 7pcs  
7级扩张，逐级之前直径增加量较小，逐级扩张时患者疼痛感弱，手术扩张时间较长。  
7 levels dilation, the increase of diameter is smaller before step-by-step, the aching feeling is small during dilation, the time of operation dilation is longer.



扩张管 Dilator  
G5002.1-1T  $\Phi 4 \times 220\text{mm}$   
G5002.1-2T  $\Phi 5 \times 210\text{mm}$   
G5002.1-3T  $\Phi 6 \times 200\text{mm}$



扩张管 Dilator  
G5002.2-1T  $\Phi 2.5 \times 230\text{mm}$   
G5002.2-2T  $\Phi 4 \times 230\text{mm}$   
G5002.2-3T  $\Phi 5.1 \times 230\text{mm}$   
G5002.1T系列和G5002.2T系列配套使用，逐级之前直径增加量适中，与G5070T系列的环锯配套使用  
G5002.1T and G5002.2T work together, the increase of diameter is moderate before step-by-step, work with G5070T series trephine.



扩张管 Dilator  
G5002.3T  $\Phi 3 \times 190\text{mm}$   
G5002.4T  $\Phi 6.3 \times \Phi 1.8 \times 210\text{mm}$



环锯 Trephine 配G5070T手柄  
G5070.1T  $\Phi 4 \times 200\text{mm}$   
G5070.2T  $\Phi 5 \times 200\text{mm}$   
G5070.3T  $\Phi 6.3 \times 200\text{mm}$   
G5070.6T  $\Phi 6.5 \times 200\text{mm}$   
G5070.4T  $\Phi 7.5 \times 200\text{mm}$   
G5070.9T  $\Phi 3 \times 330\text{mm}$  镜下用 Endoscopic us



G5070T 手柄 Handle



环锯 Trephine  
G5071.1T  $\Phi 7.5 \times 200\text{mm}$   
G5071.2T  $\Phi 6.5 \times 200\text{mm}$   
G5071.3T  $\Phi 5 \times 200\text{mm}$   
G5071.4T  $\Phi 6.3 \times 220\text{mm}$   
G5071.8T  $\Phi 7.5 \times 220\text{mm}$



G5014.13T 工作套管 Cannula  $\Phi 7.5 \times 180\text{mm}$ ,  $70^\circ$



套管 Cannula  
G5001.2T  $\Phi 7.6 \times 155\text{mm}$



G5075.1T 套管 Cannula  $\Phi 9 \times 140\text{mm}$  镜外



G5074.1T 套管 Cannula  $\Phi 7.8 \times 156\text{mm}$  镜外



G5013.7T 骨凿 Osteotome  
 $7 \times 11.5 \times 170\text{mm}$  镜外

## 椎间孔内窥镜（大通道） Large-channel endoscope

### 椎间孔内窥镜 Endoscope

G0113.8 25°  $\Phi 10 \times 125\text{mm}$  斜视 side viewing

G0113.8C 12°  $\Phi 10 \times 126.5\text{mm}$  斜视 side viewing



### 套管 Cannula

G5802T  $\Phi 13.7 \times 85\text{mm}$ , 螺旋管斜口 spiral, oblique

G5802.1T 黑色塑料, 可透X光  
Black plastic, X Ray transparent



### 套管 Cannula

G5803T  $\Phi 13.7 \times 85\text{mm}$ , 螺旋管平口 spiral, flat

G5803.1T 黑色塑料, 可透X光  
Black plastic, X Ray transparent



### G5813T 工作套管 Working cannula

$\Phi 11.2 \times 117\text{mm}$ , 33°斜口 oblique



G5841T-1 套管 Cannula  
 $\Phi 12.7 \times 95\text{mm}$



G5841T 镜外环锯 Trephine  
 $\Phi 11.2 \times 120\text{mm}$



G5801T 扩张管 Dilator set 4级扩张 (4支) 4pcs



G5805T 套管 Cannula  $\Phi 6 \times 195\text{mm}$ , 平口 flat



G5804T 套管 Cannula  $\Phi 6 \times 231\text{mm}$ ,  
开口长30mm 鸭嘴 duck mouth



G5815.1T 扩张管 Dilator  $\Phi 10 \times \Phi 1.1 \times 180\text{mm}$



G5019.4T 定位针 Trocar  $\Phi 1.2\text{mm}$ , 长150mm或200mm

### 骨引导针 Guide needle

G5017.6T  $\Phi 0.8 \times 450\text{mm}$  G5017.7T  $\Phi 1 \times 450\text{mm}$

椎间孔镜手术系统 Transforaminal endoscopic surgical system



G5820T 髓核异物钳  
Nucleus pulposus forceps, foreign body  
Φ4.5×320mm 单动 single action

G5824T 咬切钳 Punch forceps  
Φ4.5×240mm



活检钳 Biopsy forceps  
G5833.1T Φ2.7×270mm  
G5833T Φ3.5×240mm



咬切钳 Rongeur, 旋转, 60°切口  
G5030.6T Φ3.5×15×270mm 头宽1.5mm  
(head width 1.5mm)  
G5030.7T Φ4×15×240mm 头宽1.7mm  
(head width 1.7mm)

咬切钳 Rongeur, 旋转, Φ5.5×15×240mm  
头宽2.5mm(head width 2.5mm)  
G5030.8T 60°切口  
G5030.9T 90°切口



G5807T 剥离子 Elevator  
Φ2.5×320mm



G5808T 神经拉钩 Nerve hook  
Φ3×320mm



G5809T 刮匙 Curette  
Φ4.5×260mm



G5810T 剥离子 Elevator  
Φ4.5×260mm



G5811T 骨凿 Osteotome  
Φ3.5×240mm

## 椎间孔镜手术系统 Transforaminal endoscopic surgical system



## 消毒盒 Sterilizing box



G0000.9 椎间孔镜器械消毒盒，网状  
580×220×125mm  
For discectomy instruments



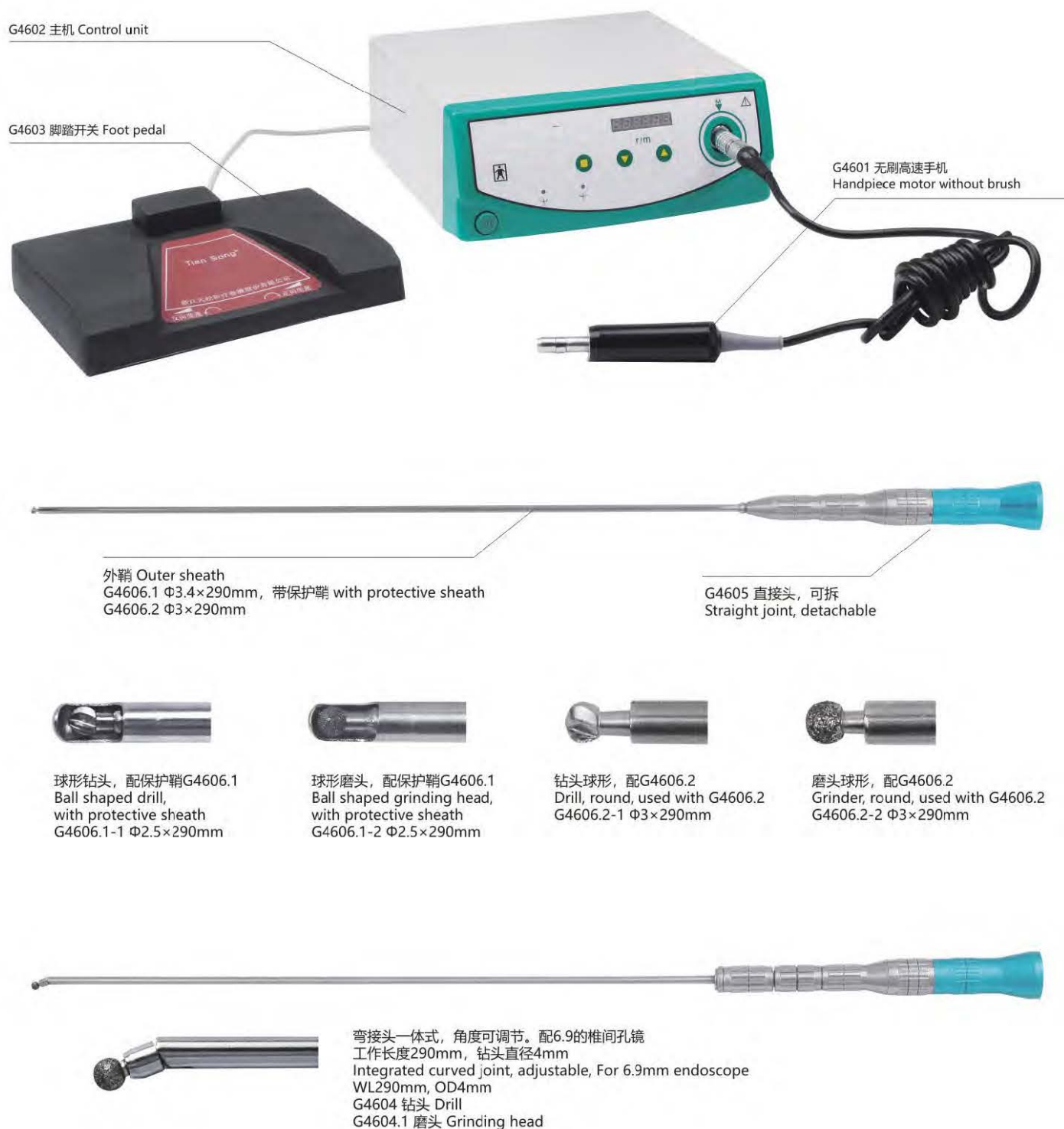
G0000.3 椎间孔镜消毒盒网状  
350×120×70mm  
For discectomy endoscope



G0000.10 椎间孔镜骨钻消毒盒，网状  
370×230×80mm  
Transforaminal endoscopic bone drill  
sterilizing box



# 孔镜下动力系统 Shaver system under discectomy endoscope



## DB型多功能手术动力系统 Multi-functional arthroscopy system



刨削刀头 Blade



G2570.1B 双锯齿形  
Tooth Inside And Outside  
Φ4.2×130mm



G2570.2B 内齿形  
Tooth inside  
Φ4.2×130mm



G2570.3B 圆形 Oval  
Φ4.2×130mm

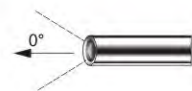


G2570.4B 球形磨头  
Round Burrs  
Φ5.5×130mm



G2570.5B 圆柱形  
Cylindrical  
Φ5.5×130mm

## 关节镜 Arthroscopy set



G0051 广角 耐134° 2bar 高温高压 0°  $\Phi 4 \times 175$ mm  
Wide angle autoclave

G0051A 0° $\Phi 4 \times 175$ mm

G0061 0° $\Phi 2.7 \times 105$ mm

G0021A 0° $\Phi 2.7 \times 175$ mm



G0032 广角 Wide angle 30°  $\Phi 4 \times 175$ mm

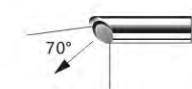
G0052 广角 耐134° 2 bar 高温高压 30°  $\Phi 4 \times 175$ mm

Wide angle autoclave

G0052A 30° $\Phi 4 \times 175$ mm

G0062 30° $\Phi 2.7 \times 105$ mm

G0022A 30°  $\Phi 2.7 \times 175$ mm



G0033 广角 Wide angle 70°  $\Phi 4 \times 175$ mm

G0053 广角 耐134° 2bar 高温高压 70°  $\Phi 4 \times 175$ mm

Wide angle autoclave

G0053A 70° $\Phi 4 \times 175$ mm

1.连接天松导光束

Connecting to TIANSONG light guide cable

连接OLYMPUS导光束

Connecting to OLYMPUS light guide cable

连接STORZ导光束

Connecting to STORZ light guide cable

2.连接WOLF导光束

Connecting to WOLF light guide cable

3.连接ACMI导光束

Connecting to ACMI, STRYKER light guide cable



1



2



关节内窥镜 Arthroscope



关节钳 Arthroscopy forceps



G2219.1 剪刀 Scissors 0°



G2220.1 咬切钳 Punch forceps 0°



G2219.2 剪刀 Scissors  
上弯 15° Upward 15°



G2220.2 咬切钳 Punch forceps  
15° 上弯 Upward 15°



G2219.3 剪刀 Scissors  
左弯 30° Left curved 30°



G2220.4 咬切钳 Punch forceps  
15° 下弯 Downward 15°



G2220.6 带齿抓钳  
Grasping forceps with tooth



G2219.4 剪刀 Scissors  
下弯 15° Downward 15°



G2220.5 咬切钳 Punch forceps  
30° 右弯 Right curved 30°



G2220.7 抓线钳 Line grasping forceps



G2219.5 剪刀 Scissors  
右弯 30° Right curved 30°



G2220.3 咬切钳 Punch forceps  
30° 左弯 Left curved 30°

## 关节镜配套手术器械 Arthroscopy instruments



G2420.3 带齿抓钳1\*2齿  
Grasping forceps



G2550.8 抓钳  
Grasping forceps  
0°尖头Sharp head



G2550.6 抓钳  
Grasping forceps  
上弯15° Curved 尖头Sharp head



G2451.4 抓钳  
Grasping forceps  
0° 鹰嘴 Olecranon



G2451.1 抓钳  
Grasping forceps 0°



G2550.7 抓钳  
Grasping forceps  
头上翘Head upward30°



G2560.2 剪刀 Scissors



G2410.19 咬切钳  
Punch forceps  
下反咬 头上翘15°



手术刀具 Operating knife



G2012 香蕉刀  
Banana shaped knife 92mm



G2013 玫瑰型齿刀  
Rose shaped knife 92mm



G2014 锉  
Rasp 92mm



G2015 半月板切刀  
Meniscotome 6x92mm



G2016 探针  
Probe 3x92mm 4x92mm



G2017 韧带松弛切刀  
Ligamentous cutting knife  
6x92mm



G2018 直钩刀  
Hooked knife, straight  
7x92mm



G2019 刮匙  
Curette 5x92mm



G2020 杯型刮匙  
Cup shaped curette  
7x92mm



G2021 反角刀 45°  
Knife, contra angled  
7x92mm

关节镜配套手术器械 Arthroscopy instruments



穿刺器 Trocar set  
G1101.3  $\Phi 5 \times 140\text{mm}$   
G1101.3u  $\Phi 5 \times 140\text{mm}$   
G1101.4  $\Phi 4 \times 140\text{mm}$   
G1101.5  $\Phi 3 \times 72\text{mm}$   
G1101.6  $\Phi 4.5 \times 105\text{mm}$  for STRYKER  
G1101.7  $\Phi 3 \times 140\text{mm}$



G1101.10 穿刺器 Trocar  
 $\Phi 4 \times 140\text{mm}$  插口式 Click type



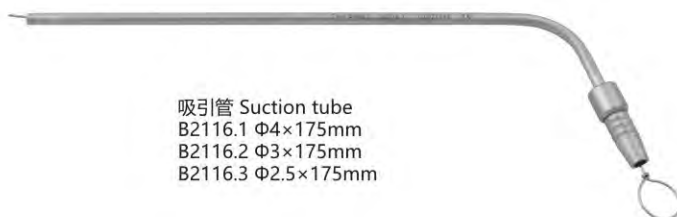
穿刺器 Trocar  
配70° 关节镜 for 70°arthroscope  
G1101.3A  $\Phi 5 \times 140\text{mm}$   
G1101.4A  $\Phi 4 \times 140\text{mm}$



穿刺器 Trocar  
G1101.13  $\Phi 5.5 \times 140\text{mm}$   
G1101.13u  $\Phi 5.5 \times 135\text{mm}$



G1101.11 穿刺器 Trocar  
 $\Phi 6.5 \times 80\text{mm}$



吸引管 Suction tube  
B2116.1  $\Phi 4 \times 175\text{mm}$   
B2116.2  $\Phi 3 \times 175\text{mm}$   
B2116.3  $\Phi 2.5 \times 175\text{mm}$



G1101.12 穿刺器 Trocar  
 $\Phi 5.2 \times 95\text{mm}$



G2016.1 探针 Probe  
 $3 \times 92\text{mm} / 4 \times 92\text{mm}$

## ZJJ 型椎间盘镜手术系统 Diskoscopy set

G0012 椎间盘内窥镜 25° Φ4mm  
Endoscope



扩张管 5支组件 Dilator, 5pcs  
G3004 Φ5.3-Φ16.8mm



G3001 联接杯  
Ring attachment 18mm



G3002 通道管  
Tubular retractor 18mm



G5062 联接环  
Ring attachment



G5063 通道管  
Tubular retractor

G3003 定位针 Locating needle



吸引管 Suction tube  
G3005 2.5mm  
G3005.1 3.5mm



G3006 神经拉钩  
Nerve hook



G3005.2 拉钩型  
Retractor 4.0mm



髓核钳 Nucleus pulposus forceps



G3007 直  
Straight 4mm



G3007.2 直  
Straight 3mm



G3008 上咬  
Up biting 4mm



G3008.1 下咬  
Down biting 4mm



## ZJJ 型椎间盘镜手术系统 Diskoscopy set



G3009 弯剪, Curved scissors 4mm

枪钳 Bayonnetted forceps



G3010.1 40° 3mm



G3011.1 40° 5mm



G3012.1 90° 3mm



G3013.1 90° 5mm



G3019 电凝 Straight bipolar tweezers 直形, 双极



G3020 带鞘小刀 Knife with sheath



电凝 Bayonet bipolar tweezers

G3019.1 枪形, 双极

G3019.2 枪形, 双极 250mm加长款



G3018 神经牵引器 Nerve retractor



G3019.3 电凝 Bayonet bipolar tweezers

枪形, 头弯, 双极 Tip curved

M1030 电凝线 High frequency cord  
双极 Bipolar

G3015 定位笔2# 上翘高度2.5mm

Locating pen up ward length 2.5mm

G3015.1 定位笔4# 上翘高度3.5mm

Locating pen up ward length 3.5mm



G3016 探头 短球形90°

Short ball probe 90°



G3016.1 探头 长球形90°

Long ball probe 90°



G3017 解剖器45°

Dissector 45°



G3017.1 解剖器90°

Dissector 90°



G3014 直刮匙 Straight curette 3.6mm

G3014.1 直刮匙 Straight curette 5.2mm



G3014.2 弯刮匙 Curved curette 3.6mm

G3014.3 弯刮匙 curved curette 5.2mm



G3014.4 反刮匙 Reversal curette 3.6mm

G3014.5 反刮匙 Reversal curette 5.2mm

N1004 多功能固定支架  
Pneumatic arm

## 内窥镜摄像系统 Endoscopy Camera System

01. 4K医用内窥镜摄像系统NS4K  
分辨率: 3840×2160
02. 特制防水光学接口
03. 32寸4K监视器
04. 专用仪器车

01. 4K Endoscopy camera system NS4K resolution: 3840×2160
02. Coupler, Water Proof
03. 32" 4K Monitor
04. Trolley



01. 668型高清摄像机, 1080P。
02. 特制防水光学接口。
03. 27" 高清监视器。
04. 专用仪器车, 带多功能架。

01. 668HD medical camera, 1080P.
02. Coupler, Water Proof
03. 27" HD monitor
04. Trolley, with multifunctional shelf



01. 618 CCD摄像机。
02. 特制防水光学接口, F=23mm。
03. 工作台车。
04. 主机, Intel/4G内存/500G硬盘/DVD刻录机。
05. 显示器, 19寸宽屏液晶。
06. 彩色喷墨打印机。
07. 脚踏开关。
08. 视频捕捉卡, 进口飞利浦芯片全通道色彩采样, 最高级别的图像质量。高清晰数码DVD级, 可实现影像数码动态放大, 各种动态滤波处理。
09. 图文软件, 可直接实现动态录像DVD回放/刻录, 图文打印, 最新XP系统。丰富的模板/词库/图库, 强大的病历管理功能。
10. 系统视频教学, 整套产品的视频全面教学, 对本系统操作的无师自通视频教学, 教学医师如何采集图像, 录像, 打印专业级报告。
11. 系统自动恢复, 可在20分钟快速恢复, 并对所有资料完好保存。

01. 618 CCD camera
02. Coupler, F23, Water Proof
03. Pushcart, with multifunctional shelf
04. Computer, Intel/4G/500G/DVD Recorder
05. Monitor, 19"LCD
06. Printer, high resolution print
07. Foot pedal
08. Video capture card, PHILIPS chip highest quality of image, HD digital DVD level, dynamic magnification, dynamic filter processing
09. Software, can make DVD replay /record, print, many template/word/stock/photo stock, powerful function of case management
10. Video teaching of the system, comprehensive teaching of the whole system
11. Automatic system recovery, fast recovery to factory setting in 20mins



## 监视器 Surveillance Monitor



A2502.37 索尼32寸4K监视器 Sony, 32 inch  
A2502.38 索尼55寸4K监视器 Sony, 55 inch



A2502.24 国产24寸高清监视器  
24inch, High definition, made in China  
A2502.31 国产27寸高清监视器  
27inch, High definition, made in China  
A2502.39 国产32寸4K监视器

## 摄像机 Camera system



A2500.18 超高清摄像机4K  
HD camera system 4K



A2500.15 高清摄像机1080P  
HD camera system 1080P



配纤维镜 Single chip. for fiberscope  
A2500J 单晶片摄像机068  
A2500K 单晶片摄像机168  
A2500L 单晶片摄像机268



A2500P 高清摄像机 HD camera system668(1080P),  
支持U盘存储1080P录像和图片668(1080P)  
USB flash disk support for storage of 1080P video and images  
A2500Q 高清摄像机 HD camera system668(3COMS,1080P),  
支持U盘存储1080P录像和图片668(3COMS,1080P)  
USB flash disk for storage of 1080P video and images

## 光学接口 Coupler

直通式光学接口  
Coupler, Straight



| 货号<br>Code | 焦距规格<br>Focal length |
|------------|----------------------|
| A2513.1    | F18                  |
| A2512.3    | F22                  |
| A2513.3    | F25                  |
| A2512.1    | F27                  |
| A2517      | F28                  |
| A2512.5    | F32                  |
| A2512.6    | F35                  |

## 冷光源 Cold light source



T5040.3 LED医用冷光源 LL-200, 100w  
LED cold light source



T5007.7 微型冷光源5W(带充电器)  
Portable cold light source (with charger)