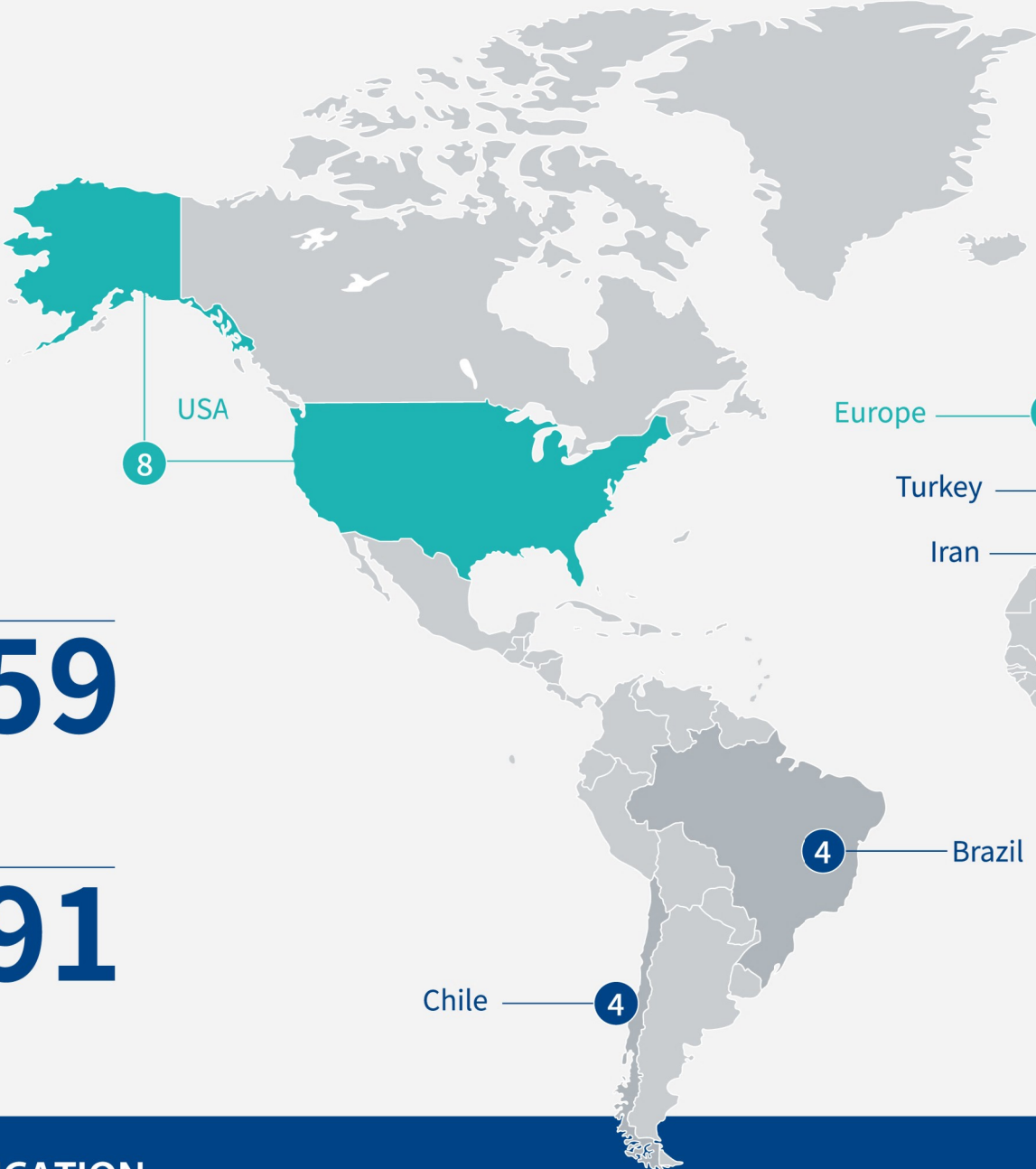


SURGICAL POWER DEVICE & TOOLS



ALWAYS TO EMPOWER SURGEONS BY CONTINUOUS INNOVATION



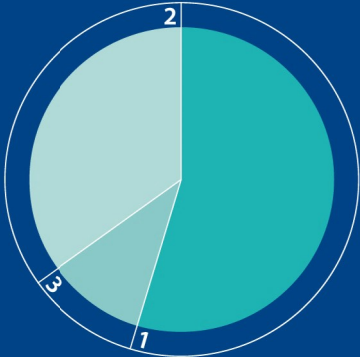
Patents Applied

1059

Patents Authorized

891

CLASSIFICATION OF PATENTS



PATENTS	
1 Utility Mode	569
2 Exterior Design	341
3 Invention	149

Innovation is the primary driver leading the development and growth of XISHAN, from powered surgical tools to endoscope, breast biopsy system, ultrasound bone scalpel, plasma system, RF system and etc..

Our pursuit is always to empower surgeons and contribute to patients' healthcare by continuous innovation.



XISHAN is the writer of National Industrial Standard of Electric Surgical Equipment for Bone Tissue



SURGICAL POWER DEVICE

XISHAN mainly develop, manufacture and market minimally invasive powered surgical tools for neurosurgery, spine surgery, ENT surgery, arthroscopy surgery, maxillofacial surgery, orthopedic surgery and sports medicine.

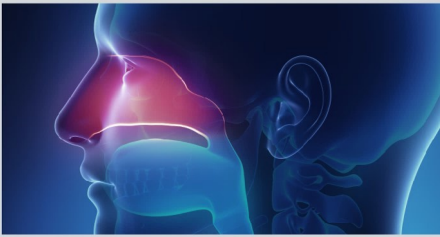


VERSATILE & FLEXIBLE CONFIGURATION



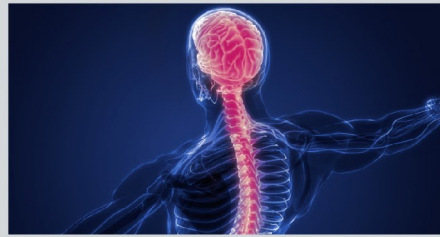
1

ENT & MAXILLOFACIAL SURGERY



2

NEUROSURGERY & SPINE SURGERY



3

ARTHROSCOPY SURGERY, ORTHOPEDIC SURGERY & SPORTS MEDICINE



DK-ENT-MS



DK-N-MS



DK-O-MSS



DK-O-MSS



DK-O-MVS



DK-O-MCS



DK-ENT-MP



DK-N-MP



NEUROSURGERY

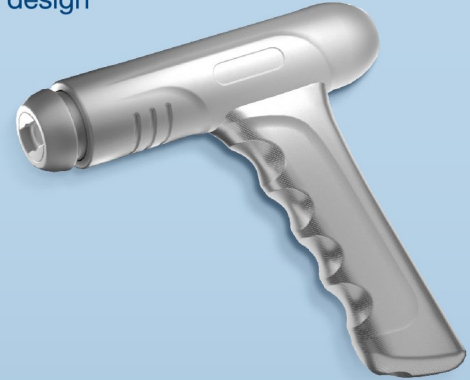
Micromotor DJ4A

Automatic air-cooling
20,000 ~ 40,000 rpm
Power: 150 W
Torque: 29 mNm
Steam autoclavable



Perforator Attachment ZSB2A

Max speed: 1,500 rpm
Weight: 450g
Ergonomic design



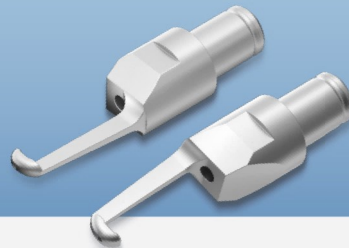
Craniotome Handpiece XJ6

Max. speed: 40,000 rpm
Min. gap: 1.6-2.34 mm
Depth: 12/18/26 mm



Cutting Guard XJH

Fixed
Rotatable



Features

- Ergonomically designed
- Easy to grip & control

Perforator



Reusable

Φ: 6/9/12 mm
2 Blades



Single-use sterile

Φ: 4/6/9/12 mm
2 Blades
3 Blades

Cutter



Reusable

Φ: 1.6 mm
L: 12/18/26 mm

Single-use sterile

Φ: 1.6/1.8 mm
L: 16/18 mm

HIGH SPEED DRILL

Micromotor DJ6A

Automatic air-cooling
8,000 ~ 40,000 rpm
Power: 100 W
Torque: 11 mNm
Steam autoclavable including cables

Micromotor DJ4A

Automatic air-cooling
20,000 ~ 40,000 rpm
Power: 150 W
Torque: 29 mNm
Steam autoclavable



High-speed Handpiece MSB2A

Max. speed: 80,000 rpm
Working Length:

70 mm



95 mm



125 mm



150 mm



High-speed Handpiece MSB1A

Max. speed: 40,000 rpm
Working Length:

70 mm



95 mm



125 mm



150 mm









Features

- Ergonomically designed
- Easy to grip & control

Bur

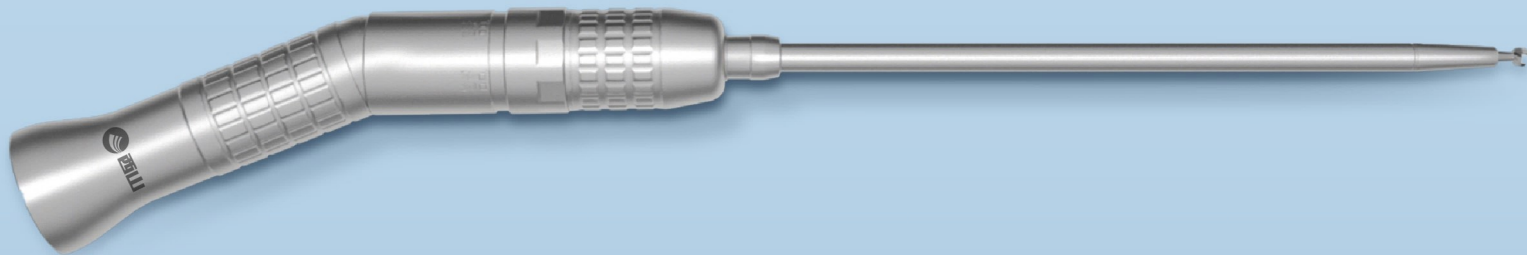
Reusable / Single-use sterile

	Round Diamond	Φ: 1 ~ 7 mm	L: 70 ~ 150 mm
	Round Carbide	Φ: 1 ~ 5 mm	L: 70 ~ 150 mm
	Round Stainless-steel	Φ: 1 ~ 5 mm	L: 70 ~ 150 mm
	Oblique-fluted Acorn Stainless-steel	Φ: 4 ~ 6 mm	L: 70 ~ 150 mm
	Straight-fluted Acorn Stainless-steel	Φ: 5 ~ 7 mm	L: 70 ~ 150 mm
	Match-head Stainless-steel	Φ: 1.7 ~ 3 mm	L: 70 ~ 150 mm

TELESCOPING

Slim Bur Handpiece **MSB2-WX**

Max. speed: 80,000 rpm



Slim Sleeve **MSBF**

Protection tube Φ : 4.5 mm

Length: 80~175 mm

Angle: 0~12°

Shape: straight, curved, angled.



Features

- **Slimer for better vision**

Φ 4.5 mm

- **Longer to reach deeper area**

Max. depth: 200 mm

- **Designed for**

Trans-nasal skull-base surgery

Micro-endoscopic discectomy (MED)

Endoscopic ear surgery (single/double handed)

Slim Bur

Reusable / Single-use sterile



Round Diamond

Φ : 1 ~ 4 mm

L: 100 ~ 195 mm



Match-head Diamond

Φ : 1 ~ 4 mm

L: 100 ~ 195 mm



Round Stainless-steel

Φ : 1 ~ 4 mm

L: 100 ~ 195 mm



Match-head Stainless-steel

Φ : 2 mm

L: 105 ~ 180 mm

MICRO DRILL & SAW

Micro Cannulated Drill **XKXZ2**

Max. speed: 3,000 rpm
Φ: 1.0-2.5 mm



Micro Reciprocating Saw **XWFJ, XWFJ1**

Max. frequency: 20,000 c/min
Interval: 2.5mm
Installation direction: 0 ~ 360°



Twist Drill

Reusable / Single-use sterile

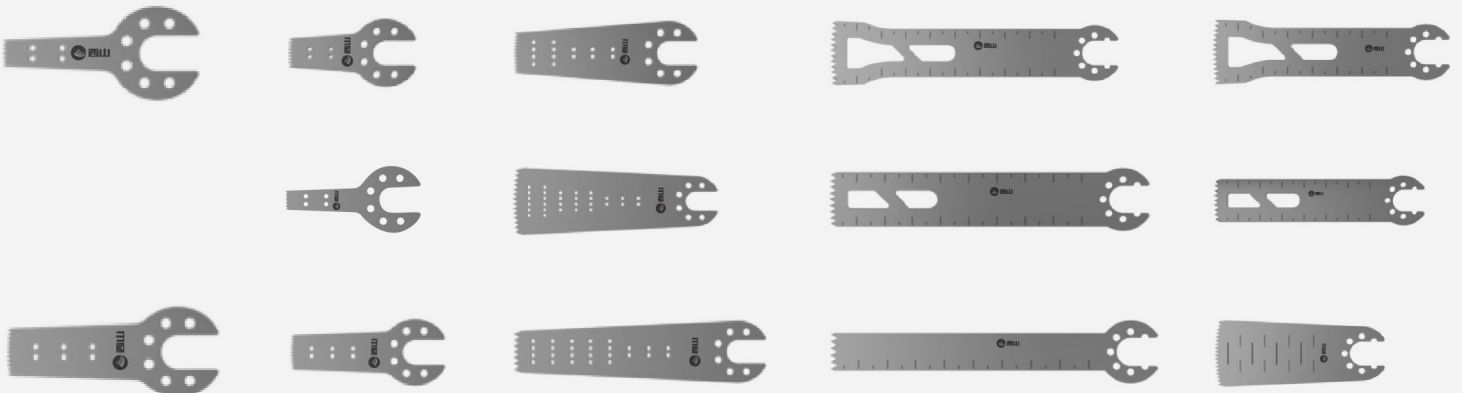
Φ: 1.5 ~ 4.5 mm
L: 60 ~ 195 mm



Saw Blade

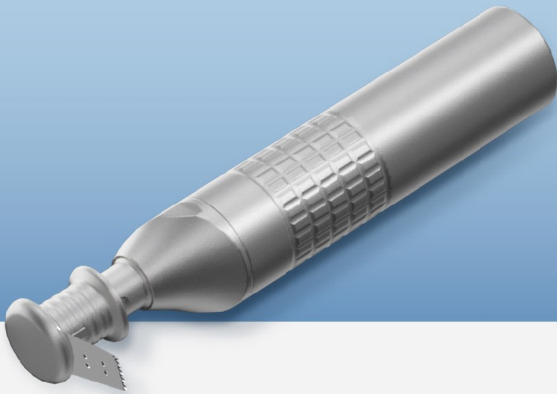
Reusable / Single-use sterile

Thickness: 0.4 ~ 0.9 mm
Length: 33 ~ 144 mm
Width: 4 ~ 19mm



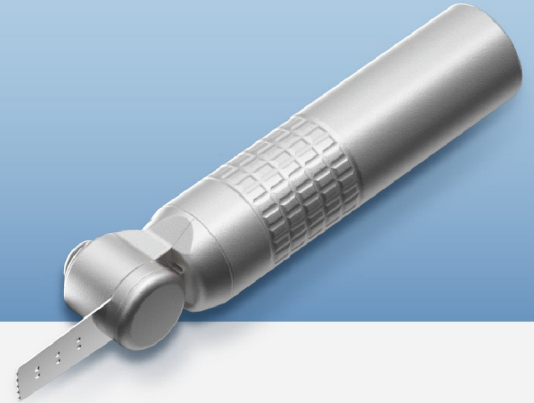
Micro Oscillating Saw XCBJ, XCBJ1

Max. frequency: 20,000 c/min
Scope of swinging: 4°
Installation direction: 0 ~ 360°



Micro Sagittal Saw XPBJ

Max. frequency: 20,000 c/min
Scope of swinging: 4°
Installation direction: 0 ~ 180°



Twist Pin

Reusable / Single-use sterile

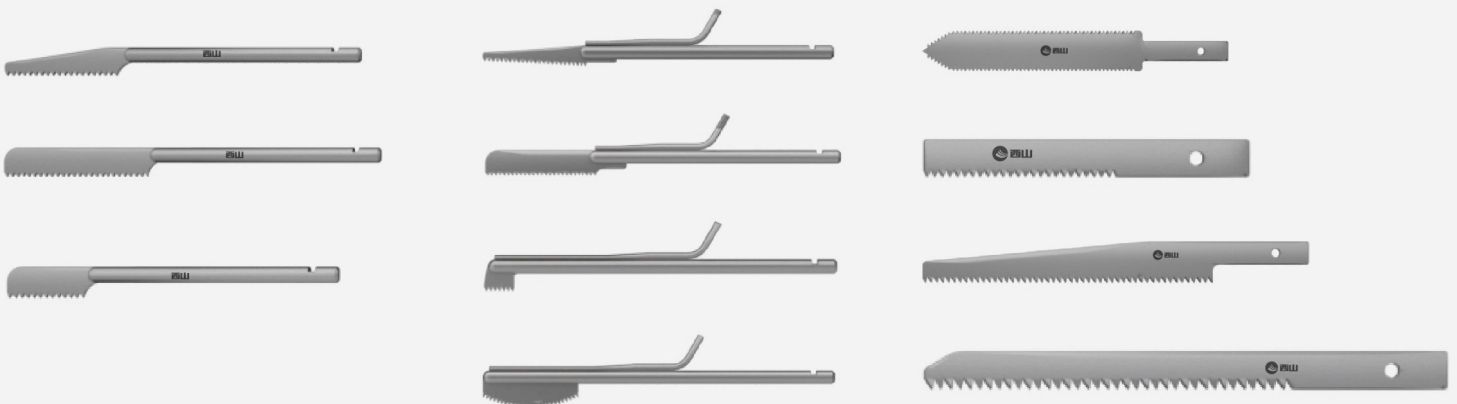
Φ: 0.8 ~ 2.5 mm
L: 250 ~ 300 mm



Reciprocating Saw Blade

Reusable / Single-use sterile

Thickness: 0.4 ~ 1.1 mm
Length: 65 ~ 111 mm
Width: 7 ~ 60 mm





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