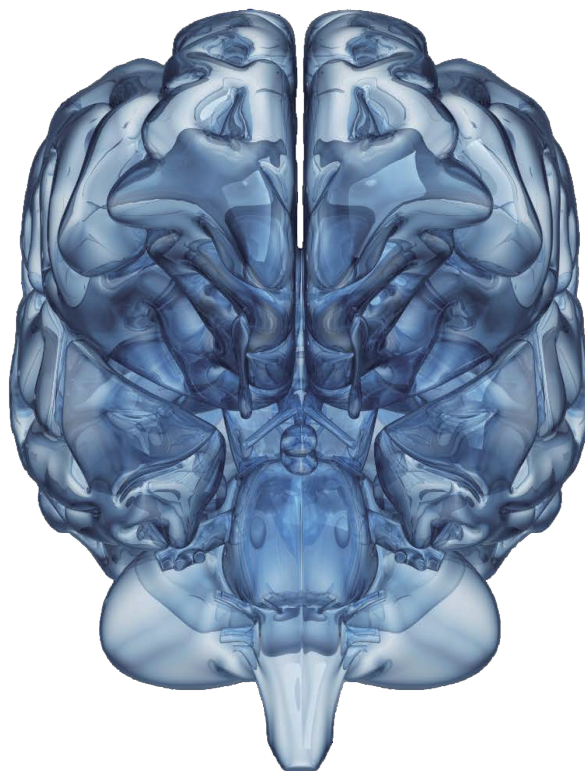




NEUROSURGERY INSTRUMENTS

Neurosurgery instruments
Instrumentos de neurocirugía
Instruments de neurochirurgie

Contents

Part 1 **INSTRUMENTS FOR ENDOSCOPIC ENDONASAL SURGERY**

- 4 MIRANDA Dissector Set
- 6 Suction & Irrigation Systems
- 8 "POLE" Endoscopic instruments
- 10 "ROTATABLE" Endoscopic instruments
- 11 KERRISON Bone Punches
- 12 "POLE" Ring Curettes & Dissector
- 14 MITHRAS Bipolar forceps (bayonet)
- 16 Bipolar coagulation electrode
- 18 Endonasal Pituitary Surgery Solution
- 20 Cerebral hemorrhage surgery Solution
- 22 ETV surgery solution

Part 2 **INSTRUMENTS FOR TRANSCRANIAL MICROSURGERY**

- 24 "SHARK SERIES" Micro instruments
 - 26 Suction & Irrigation Systems
 - 28 "Rhoton 19" Dissector Set
 - 30 MIRANDA Dissector Set
 - 32 "Shallow layer" Bypass Set
 - 34 "MASTER" Bypass set
 - 35 KERRISON Bone Punches
 - 36 MITHRAS Bipolar forceps
 - 38 Head Holder
 - 40 Quick Retractor & Hand rest system
 - 42 Carotid Endarterectomy Solution
 - 44 Aneurysmectomy Solution
-



Instruments for Endoscopic Endonasal Surgery
经鼻神经外科器械
Instrumentos para Cirugía Endonasa
Instruments pour la chirurgie endonasale



MIRANDA Dissector Set

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	H05-1001	M1, Plate dissector, 45° tips; Straight, Nine length marks, Black coating	Φ1mm	8-16cm
	H05-1002	M2, Plate dissector, 45° tips; Straight, Nine length marks, Black coating	Φ2mm	
	H05-1003	M3, Plate dissector, 45° tips; Straight, Nine length marks, Black coating	Φ3mm	
	H05-1004	M4, Plate dissector, Str tips; Straight, Nine length marks, Black coating	Φ2mm	
	H05-1005	M5, Plate dissector, Str tips; Straight, Nine length marks, Black coating	Φ3mm	
	H05-1006	M6, Plate dissector, -45° tips; Straight, Nine length marks, Black coating	Φ3mm	
	H05-1007	M7, Cottle dissector, Str tips; Straight, Nine length marks, Black coating	-	8-16cm
	H05-1008	M8, Cottle dissector, 60° tips; Straight, Nine length marks, Black coating	-	
	H05-1009	M9, Angled knife, 90° tips; Straight, Nine length marks, Black coating	Wide:3mm	8-16cm
	H05-1010	M10, Angled knife, 90° tips; Straight, Nine length marks, Black coating	Wide:2mm	
	H05-1011	M11, Angled knife, 60° tips; Straight, Nine length marks, Black coating	Wide:2mm	
	H05-1012	M12, Ring curette, 90° tips; Straight, Nine length marks, Black coating	Φ3mm	8-16cm

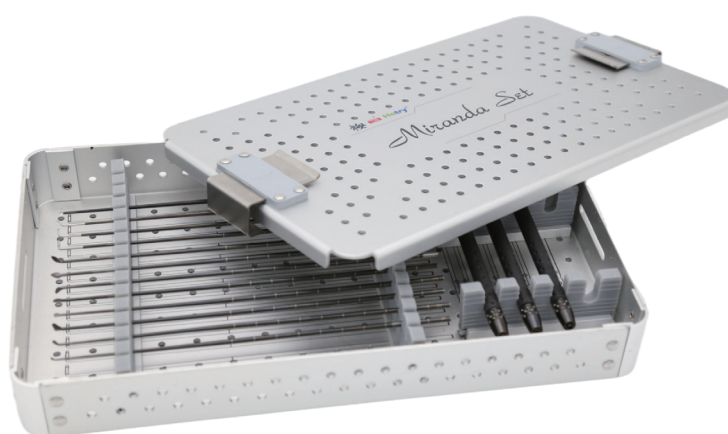
Designed in collaboration with: Dr. Juan Fernandez-Miranda, MD

Instruments for Endoscopic Endonasal Surgery

经鼻神经外科器械

Instrumentos para Cirugía Endonasa

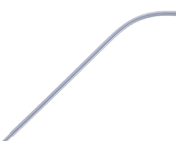
Instruments pour la chirurgie endonasale



Dissector tip	Handle	Tray
H05-1001~H05-1012	H05-1013	JFM Tray1



Suction & Irrigation Systems

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-01 150/1.5	Straigh type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
	HC-01 150/2	Straigh type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
	HC-01 150/3	Straigh type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-01 150/4	Straigh type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-01 180/3	Straigh type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	18cm
	HC-01 180/4	Straigh type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-02 150/1.5	Recurved type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
	HC-02 150/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
	HC-02 150/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-02 150/4	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-02 180/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	18cm
	HC-02 180/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-02 180/4	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-03 150/1.5	Straigh type, Recurved head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
	HC-03 150/2	Straigh type, Recurved head; Yellow handle; Tear drop shaped suction, flush button	2mm	
	HC-03 150/3	Straigh type, Recurved head; Red handle; Tear drop shaped suction, flush button	3mm	
	HC-03 180/2	Straigh type, Recurved head; Yellow handle; Tear drop shaped suction, flush button	2mm	18cm
	HC-03 180/3	Straigh type, Recurved head; Red handle; Tear drop shaped suction, flush button	3mm	
	HC-04 180/2	Recurved type, upward head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	18cm
	HC-04 180/3	Recurved type, upward head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-04 180/4	Recurved type, upward head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	

Neurosurgery Recommended set

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
HC-02 150/1.5	Recurved type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
HC-02 150/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-02 150/3	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ3mm	
HC-02 180/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	18cm
HC-04 180/2	Recurved type, upward head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-04 180/3	Recurved type, upward head; Red handle; Tear drop shaped suction, flush button	Φ3mm	

Endoscopic Endonasal Surgery set

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
HC-02 180/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	18cm
HC-02 180/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
HC-02 180/4	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
HC-04 180/2	Recurved type, upward head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-04 180/3	Recurved type, upward head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
HC-03 180/3	Straigh type, Recurved head; Red handle; Tear drop shaped suction, flush button	Φ3mm	

Transcranial Microsurgery set

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
HC-02 150/1.5	Recurved type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
HC-02 150/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-02 150/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
HC-03 150/1.5	Straigh type, Recurved head; Blue handle; Tear drop shaped suction, flush button	Φ3mm	
HC-03 150/2	Straigh type, Recurved head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-01 150/4	Straigh type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	



“POLE” Endoscopic instruments

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-S-004 C01	Micro scissors, Straight tip, Extra delicate	Str	18cm
	HC-S-004 C02/45	Micro scissors, Upward tip, Extra delicate	45°	
	HC-F-001 CA01	Nasal Forceps, Straight tip, Extra delicate	Wide:1mm	18cm
	HC-F-001 S2.5	Spoon Forceps, Straight tip, Extra delicate	Φ2.5mm	18cm
	HC-F-001 S4	Spoon Forceps, Straight tip, Extra delicate	Φ4.0mm	
	HC-F-001 S2.5-U	Spoon Forceps, Upward tip, Extra delicate	Φ2.5 mm	
	HC-F-001 S4-U	Spoon Forceps, Upward tip, Extra delicate	Φ4.0mm	
	HC-F-001 S2.5-L	Spoon Forceps, Curved left, Extra delicate	Φ2.5mm	
	HC-F-001 S2.5-R	Spoon Forceps, Curved right, Extra delicate		
	HC-F-001 P2.5	Micro Forceps, Straight tip, Extra delicate	Φ2.5mm	
	HC-F-001 P2.5-U	Micro Forceps, Upward tip, Extra delicate		
	HC-N-002 C02-L	Needle holder, Curved left, Extra delicate	Left	18cm
	HC-N-002 C02-R	Needle holder, Curved right, Extra delicate	Right	



Cutting Forceps

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-F-001 GC01	Cutting Forceps, Straight tip	Wide: 3.5mm	15cm



360° Nasal Forceps

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-F-002 FQ-2.5	Rotatable Nasal Forceps, Straight tip	Wide: 2.5mm	15cm



“ROTATABLE” Endoscopic instruments

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-S-006 A01	Micro scissors, Straight tip, bayonet; Rotatable, with cleaning connector	Str	13cm
	HC-S-006 A02	Micro scissors, Straight tip, bayonet; Rotatable, with cleaning connector	45°	
	HC-S-005 A02/L	Micro scissors, Curved left tip, bayonet; Rotatable, with cleaning connector	Left	
	HC-S-005 A02/R	Micro scissors, Curved right, bayonet; Rotatable, with cleaning connector	Right	

	HC-F-002 S2	Spoon Forceps, Straight tip, bayonet; Rotatable, with cleaning connector	Φ2mm	13cm
	HC-F-002 S4	Spoon Forceps, Straight tip, bayonet; Rotatable, with cleaning connector	Φ4mm	

	HC-N-003 A01	Needle holder, Straight tip, bayonet; Rotatable, with cleaning connector	Str	13cm
---	--------------	--	-----	------

	HC-N-003 A02-L	Needle holder, Curved left, bayonet; Rotatable, with cleaning connector	Left	13cm
	HC-N-003 A02-R	Needle holder, Curved right, bayonet; Rotatable, with cleaning connector	Right	



KERRISON Bone Punches

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-P-001 ZU/180/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide:1cm	18cm
	HC-P-001 ZU/180/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide:2cm	
	HC-P-001 ZU/180/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide:3cm	
	HC-P-001 ZU/180/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide:4cm	
	HC-P-001 ZU/180/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide:5cm	
	HC-P-001 ZU/200/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide:1cm	20cm
	HC-P-001 ZU/200/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide:2cm	
	HC-P-001 ZU/200/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide:3cm	
	HC-P-001 ZU/200/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide:4cm	
	HC-P-001 ZU/200/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide:5cm	
	HC-P-001 ZU/230/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide:1cm	23cm
	HC-P-001 ZU/230/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide:2cm	
	HC-P-001 ZU/230/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide:3cm	
	HC-P-001 ZU/230/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide:4cm	
	HC-P-001 ZU/230/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide:5cm	
	HC-P-001 ZU/250/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide:1cm	25cm
	HC-P-001 ZU/250/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide:2cm	
	HC-P-001 ZU/250/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide:3cm	
	HC-P-001 ZU/250/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide:4cm	
	HC-P-001 ZU/250/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide:5cm	



“POLE” Ring Currettes

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001 RCC/3/50	Ring Curette, horizontal, tip angled 50°, with “Titanium golf” handle	Φ3mm	25mm
	HC-D-001 RCC/5/50	Ring Curette, horizontal, tip angled 50°, with “Titanium golf” handle	Φ5mm	
	HC-D-001 RCA/3/50	Ring Curette, tip angled 50°, with “Titanium golf” handle	Φ3mm	
	HC-D-001 RCA/5/50	Ring Curette, tip angled 50°, with “Titanium golf” handle	Φ5mm	
	HC-D-001 RCA/3/90	Ring Curette, tip angled 90°, with “Titanium golf” handle	Φ3mm	
	HC-D-001 RCA/5/90	Ring Curette, tip angled 90°, with “Titanium golf” handle	Φ5mm	

	HC-D-001 RCCS/3/50	Ring Curette, vertical, tip angled 50°, with “Titanium golf” handle	Φ3mm	25mm
	HC-D-001 RCCS/5/50	Ring Curette, vertical, tip angled 50°, with “Titanium golf” handle	Φ5mm	
	HC-D-001 RCAS/3/50	Ring Curette, laterally curved 90° sheath end, with “Titanium golf” handle	Φ3mm	
	HC-D-001 RCAS/5/50	Ring Curette, laterally curved 90° sheath end, with “Titanium golf” handle	Φ5mm	

	HC-D-001 DH-90	Hook dissector, tip angled 90°, with “Titanium golf” handle	0.6 x 3mm	25mm
	HC-D-001 DR-30	Plate dissector, tip angled 30°, with “Titanium golf” handle	Φ2.3mm	
	HC-D-001 DE-2.5	Flat dissector tip angled 15°, with “Titanium golf” handle	Wdie:2.5mm	



Double-ended Dissector

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-004 GC01/H	double-ended, Dural knife & Blunt Flat dissector, with "golf" handle	–	23mm



Hooks Dissector

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001 GH/90	Hook dissector, with ball tip, angled 90°	Long: 2mm	24mm

Ring Curettes

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001 GRCA/3/50	Ring Curette, blunt, tip angled 50°	Φ3mm	24mm

Plate Dissector

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001 GR/30	Plate dissector, tip angled 30°, Sharp	Φ2.3mm	24mm



(Only sale in the mainland areas of China)



MITHRAS Bipolar forceps (bayonet)

CODE	DESCRIPTION	TIP SIZE	LENGTH
97C001	Handle, bayonet	—	18cm
97C002	Shaft, bayonet	Φ3mm	



MITHRAS Bipolar forceps (Ring handle)

CODE	DESCRIPTION	TIP SIZE	LENGTH
97C003	Ring handle	—	18cm
97C004	Shaft, Ring handle	Φ3mm	

Electrodes

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	97C007	Flamingo jaw, vertical, tip15°	Φ0.7mm	18cm
	97C008	Flamingo jaw, vertical, tip15°	Φ1.2mm	
	97C009	Flamingo jaw, vertical, tip15°	2mm	
	97C010	Flamingo jaw, vertical, tip30°	Φ0.7mm	18cm
	97C011	Flamingo jaw, vertical, tip30°	Φ1.2mm	
	97C005	DESCRIPTION	–	18cm
	97C006	2-Banana type	–	18cm

Round plug

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	97C003	2-Banana type	–	300cm



(Only sale in the mainland areas of China)



Bipolar coagulation electrode

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
97B001	Bipolar coagulation electrode MICRODOME, Flexible	Φ2mm	18cm

Flat plug

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
97Z002	2-Banana type	–	300cm

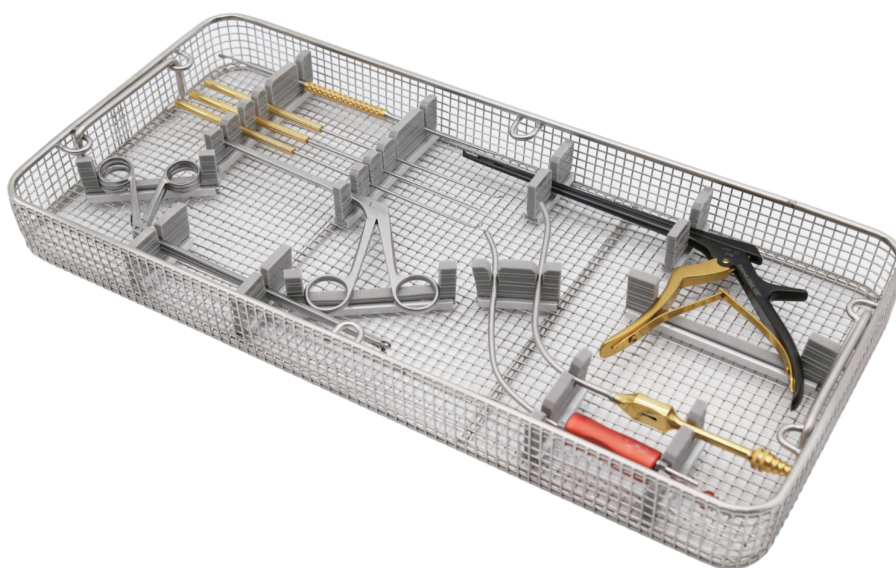
Solution

Instruments for Endonasal & Neuroendoscope

经鼻 & 经颅神经外科器械

Instrumentos para Endonasal & Neuroendoscopia

Instruments pour Endonasal & Neuroendoscope



Endonasal Pituitary Surgery Solution



"POLE" Scissors with angled upwards

CODE	HC-S-004 C02/45
DESCRIPTION	Micro scissors, Upward 45 ° tip, Extra delicate; work length 180mm



"POLE" Scissors with straight

CODE	HC-S-004 C01
DESCRIPTION	Micro scissors, Straight tip, Extra delicate; work length 180mm



"POLE" Spoon Forcep

CODE	HC-F-001 S4
DESCRIPTION	Spoon Forceps, Φ4mm Straight tip, Extra delicate; work length 180mm



Cutting Forceps

CODE	HC-F-001 GC01
DESCRIPTION	Cutting Forceps, Wide:3.5mm, Straight tip; work length 150mm



360° Nasal Forceps

CODE	HC-F-002 FQ/2.5
DESCRIPTION	Rotatable Nasal Forceps, Wide: 2.5mm, Straight tip; work length 150mm



KERRISON Bone Punches

CODE	HC-P-001 ZU/200/130/2
DESCRIPTION	Bone Punch, Wide: 2mm, rigid, 130° up tip; Straight; work length 200mm



Suction & Irrigation Systems– straight

CODE	HC-02 180/3
DESCRIPTION	Recurved type, Straight head; Red handle; Φ 3mm tip; work length 180mm



Suction & Irrigation Systems–angled upwards

CODE	HC-04 180/3
DESCRIPTION	Recurved type, upward head; Red handle; Φ 3mm tip; work length 180mm



Double-ended Dissector

CODE	HC-D-004 GC01/H
DESCRIPTION	double-ended, Dural knife & Blunt Flat dissector, with “golf” handle; length 240mm



Hooks Dissector

CODE	HC-D-001 GH/90
DESCRIPTION	Hook dissector, with ball tip, angled 90°; length 240mm



Ring Curettes

CODE	HC-D-001 GRCA/3/50
DESCRIPTION	Ring Curette, blunt, tip angled 50°; Φ 3mm tip; length 240mm



Plate Dissector

CODE	HC-D-001 GR/30
DESCRIPTION	Plate dissector, tip angled 30°, Sharp; length 240mm

Cerebral hemorrhage surgery Solution



Disposable Brain Retractor

CODE	TIP SAD	TIP LAD	LENGTH
IMK-S07	8mm	13mm	70mm



Suction & Irrigation Systems– straight

CODE	DESCRIPTION
HC-02 180/3	Recurved type, Straight head; Red handle; Φ 3mm tip; work length 180mm



BISSINGER Bipolar coagulation electrode

CODE	DESCRIPTION
97B001	Bipolar coagulation electrode MICRODOME, Flexible ; Φ 2mm,work length 180mm



"POLE" Spoon Forceps

CODE	DESCRIPTION
HC-F-001 S2.5	Spoon Forceps, Φ 2.5mm Straight tip, Extra delicate; work length 180mm

ETV surgery solution



Neuroendoscope&Operating Sheath

	CODE	DESCRIPTION
	N0010	0° Neuroendoscope, $\Phi 2.7\text{mm}$, work length 205mm
	N0011	30° Neuroendoscope, $\Phi 2.7\text{mm}$, work length 205mm
	N1101	single instrument channel, double flushing channel, diameter $\Phi 21.9\text{fr}$ (7.3mm), working length 145mm



ETV Electrode

	CODE	DESCRIPTION
	N3101	Monopolar Electrodes, Hook, Flexible, $\Phi 2\text{mm}$, work length 350mm
	N3102	Monopolar Electrodes, Blunt, Flexible, $\Phi 2\text{mm}$, work length 350mm
	N3103	Monopolar Electrodes, Needle, Flexible, $\Phi 2\text{mm}$, work length 350mm
	N3104	Bipolar Electrodes, Flexible, $\Phi 2\text{mm}$, work length 350mm
—	M1002	Cable (Monopolar Electrodes); work length 350mm
—	M1004	Cable (Bipolar Electrodes); work length 350mm



Neuroendoscope Operating Instruments

	CODE	DESCRIPTION
	N2101	Micro scissors, Sharp, $\Phi 2\text{mm}$, work length 350mm
	N2102	Micro scissors, Blunt, $\Phi 2\text{mm}$, work length 350mm
	N2103	Forceps, $\Phi 2\text{mm}$, work length 350mm
	N2104	Forceps, $\Phi 2\text{mm}$, work length 350mm

The image features a close-up of a surgical instrument handle with a textured grip and a gold logo. A teal semi-transparent box is overlaid on the right side, containing the product name in three languages. The background is a soft-focus clinical setting.

Micro Instruments for Neurosurgery
显微镜下神经外科器械
Microinstrumentos para Neurocirugía
Micro-instruments pour la neurochirurgie



“SHARK SERIES” Bayonet Microscissors

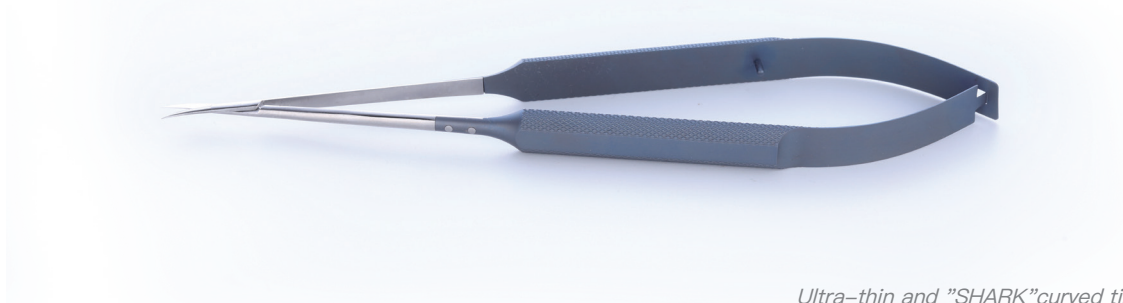
	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-S-002 R/225	Micro scissors, Bayonet, “SHARK” tip with Ultra-thin blades; “Titanium” handle	Right	225mm
	HC-S-002 R/238			238mm
	HC-S-002 L/225		Left	225mm
	HC-S-002 L/238			238mm
	HC-S-001 S/225	Micro scissors, Bayonet, “Extra delicate ” tip with Ultra-thin blades; “Titanium” handle	Str	225mm
	HC-S-001 S/238			238mm
	HC-S-001 U/225		Up	225mm
	HC-S-001 U/238			238mm
	HC-T-001 S/220/0.3	Micro forceps, Bayonet, “Extra delicate ” tip; “Titanium” handle	Wdie: 0.3mm	220mm
	HC-T-001 S/220/0.6		Wdie: 0.6mm	
	HC-N-001 S/225	Needle holder, Bayonet; “Titanium” handle	Wdie: 0.6mm	225mm



"Wide opening", Design to cutting tough tumor

"SHARK SERIES" Tumor scissors

	CODE	DESCRIPTION
	HC-S-001/ST/180	Tumor scissors, Straight, Wide opening, Blunt tip; Length 180mm



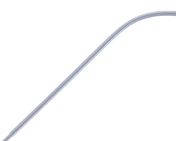
Ultra-thin and "SHARK" curved tips

"SHARK SERIES" Elite Microscissors

	CODE	DESCRIPTION
	HC-S-002/SS/180	Micro scissors, Straight, "SHARK" right tip with Ultra-thin blades; "Titanium" handle



Suction & Irrigation Systems

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-01 150/1.5	Straigh type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
	HC-01 150/2	Straigh type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
	HC-01 150/3	Straigh type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-01 150/4	Straigh type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-01 180/3	Straigh type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	18cm
	HC-01 180/4	Straigh type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-02 150/1.5	Recurved type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
	HC-02 150/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
	HC-02 150/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-02 150/4	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-02 180/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	18cm
	HC-02 180/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-02 180/4	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
	HC-03 150/1.5	Straigh type, Recurved head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
	HC-03 150/2	Straigh type, Recurved head; Yellow handle; Tear drop shaped suction, flush button	2mm	
	HC-03 150/3	Straigh type, Recurved head; Red handle; Tear drop shaped suction, flush button	3mm	
	HC-03 180/2	Straigh type, Recurved head; Yellow handle; Tear drop shaped suction, flush button	2mm	18cm
	HC-03 180/3	Straigh type, Recurved head; Red handle; Tear drop shaped suction, flush button	3mm	
	HC-04 180/2	Recurved type, upward head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	18cm
	HC-04 180/3	Recurved type, upward head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
	HC-04 180/4	Recurved type, upward head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	

Neurosurgery Recommended set

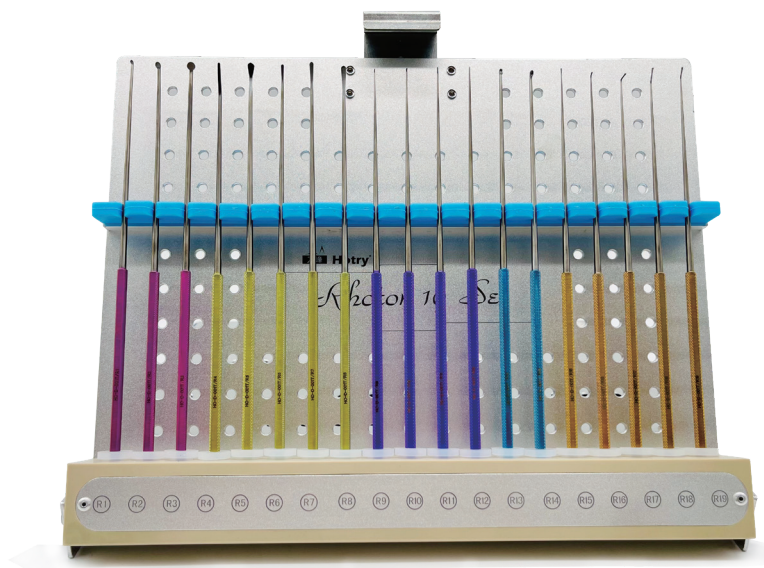
CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
HC-02 150/1.5	Recurved type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
HC-02 150/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-02 150/3	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ3mm	
HC-02 180/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	18cm
HC-04 180/2	Recurved type, upward head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-04 180/3	Recurved type, upward head; Red handle; Tear drop shaped suction, flush button	Φ3mm	

Endoscopic Endonasal Surgery set

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
HC-02 150/1.5	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	18cm
HC-02 150/2	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
HC-02 150/3	Recurved type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	
HC-03 150/2	Recurved type, upward head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-03 150/3	Recurved type, upward head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
HC-01 150/4	Straigh type, Recurved head; Red handle; Tear drop shaped suction, flush button	Φ3mm	

Transcranial Microsurgery set

CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
HC-02 150/1.5	Recurved type, Straight head; Blue handle; Tear drop shaped suction, flush button	Φ1.5mm	15cm
HC-02 150/2	Recurved type, Straight head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-02 150/3	Recurved type, Straight head; Red handle; Tear drop shaped suction, flush button	Φ3mm	
HC-03 150/1.5	Straigh type, Recurved head; Blue handle; Tear drop shaped suction, flush button	Φ3mm	
HC-03 150/2	Straigh type, Recurved head; Yellow handle; Tear drop shaped suction, flush button	Φ2mm	
HC-01 150/4	Straigh type, Straight head; Silver handle; Tear drop shaped suction, flush button	Φ4mm	



“Rhoton 19” Dissector Set



Number: 1–3

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001T R1	R1; Round Dissector, Small, 1.3mm Tip	Φ1.3mm	19cm
	HC-D-001T R2	R2; Round Dissector, Medium, 2.3mm Tip	Φ2.3mm	
	HC-D-001T R3	R3; Round Dissector, Large, 3.3mm Tip	Φ3.3mm	



Number: 4–8

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001T R4	R4; General Purpose Elevator, Small	Wdie: 1.0mm	19cm
	HC-D-001T R5	R5; General Purpose Elevator, Large	Wdie: 3.0mm	
	HC-D-001T R6	R6; Spatula Dissector, Small, 1.1mm Tip	Wdie: 1.1mm	
	HC-D-001T R7	R7; Spatula Dissector, Medium, 1.7mm Tip	Wdie: 1.7mm	
	HC-D-001T R8	R8; Spatula Dissector, Large, 2.1mm Tip	Wdie: 2.1mm	

Micro Instruments for Neurosurgery
 显微镜下神经外科器械
 Microinstrumentos para Neurocirugía
 Micro-instruments pour la neurochirurgie



Number: 9-12

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001T R9	R9; Semi-Sharp Hook, 90°	90°	19cm
	HC-D-001T R10	R10; Blunt Hook, 90°	90°	
	HC-D-001T R11	R11; Semi-Sharp Hook, 40°	45°	
	HC-D-001T R12	R12; Straight Point Needle	Straight	



Number: 13-14

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001T R13	R13; Micro Curette, Straight	—	19cm
	HC-D-001T R14	R14; Micro Curette, Angled	—	



Number: 15-19

	CODE	DESCRIPTION	TIP SIZE	LENGTH
	HC-D-001T R15	R15; Teardrop Dissector, Straight	—	19cm
	HC-D-001T R16	R16; Teardrop Dissector, 90°, 3.0 mm Tip	Wdie: 3.0mm	
	HC-D-001T R17	R17; Teardrop Dissector, 90°, 5.0 mm Tip	Wdie: 5.0mm	
	HC-D-001T R18	R18; Teardrop Dissector, 40°, 4.0 mm Tip	Wdie: 4.0mm	
	HC-D-001T R19	R19; Teardrop Dissector, 40°, 8.0 mm Tip	Wdie: 8.0mm	



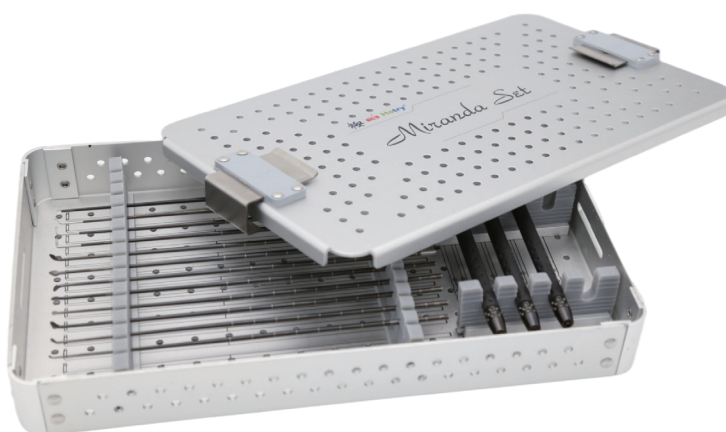
Tray
Rhoton tray1



MIRANDA Dissector Set

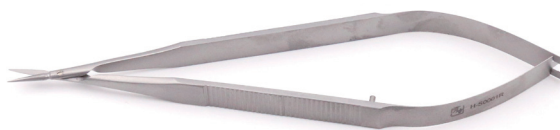
	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	H05-1001	M1, Plate dissector, 45° tips; Straight, Nine length marks, Black coating	Φ1mm	8-16cm
	H05-1002	M2, Plate dissector, 45° tips; Straight, Nine length marks, Black coating	Φ2mm	
	H05-1003	M3, Plate dissector, 45° tips; Straight, Nine length marks, Black coating	Φ3mm	
	H05-1004	M4, Plate dissector, Str tips; Straight, Nine length marks, Black coating	Φ2mm	
	H05-1005	M5, Plate dissector, Str tips; Straight, Nine length marks, Black coating	Φ3mm	
	H05-1006	M6, Plate dissector, -45° tips; Straight, Nine length marks, Black coating	Φ3mm	
	H05-1007	M7, Cottle dissector, Str tips; Straight, Nine length marks, Black coating	-	8-16cm
	H05-1008	M8, Cottle dissector, 60° tips; Straight, Nine length marks, Black coating	-	
	H05-1009	M9, Angled knife, 90° tips; Straight, Nine length marks, Black coating	Wide:3mm	8-16cm
	H05-1010	M10, Angled knife, 90° tips; Straight, Nine length marks, Black coating	Wide:2mm	
	H05-1011	M11, Angled knife, 60° tips; Straight, Nine length marks, Black coating	Wide:2mm	
	H05-1012	M12, Ring curette, 90° tips; Straight, Nine length marks, Black coating	Φ3mm	8-16cm

Designed incollaboration with: Dr.JuanFernandez-Miranda, MD



Dissector tip	Handle	Tray
H05-1001~H05-1012	H05-1013	JFM Tray1

“Shallow layer” Bypass Set



Micro scissors–Straight

CODE	HC-S-001 A01
DESCRIPTION	Micro scissors, Straight tip, stainless steel, Length 160mm



Micro scissors–Curved Up

CODE	HC-S-001 A02
DESCRIPTION	Micro scissors, Upward tip, stainless steel, Length 160mm



Needle Holders

CODE	HC-N-001T A02
DESCRIPTION	Needle holder, Titanium, Length 160mm



Micro Forceps

CODE	HC-T-001T A01
DESCRIPTION	Micro forceps, Titanium, Length 160mm

“Deep layer” Bypass set



Micro scissors–Bayonet

CODE	HC-S-001T B01
DESCRIPTION	Micro scissors, Bayonet, Stright tip, Titanium, Length 216mm



Micro scissors–Curved Up

CODE	HC-S-001T B02
DESCRIPTION	Micro scissors, Bayonet, Upward tip, Titanium, Length 216mm



Needle Holer–Bayonet

CODE	HC-N-001T B02
DESCRIPTION	Needle holder, Bayonet, Titanium, Length 216mm



Micro forceps–Straight

CODE	HC-T-001T C01
DESCRIPTION	Micro forceps, stright tip, Titanium, Length 190mm



Micro forceps–Curved Up

CODE	HC-T-001T C02
DESCRIPTION	Micro forceps, Upward tip, Titanium, Length 190mm

“MASTER” Bypass set



Micro scissors—Straight

CODE	HC-S-001T M01
DESCRIPTION	Micro scissors, “A” type, Straight tip, 0.4mm, Titanium, Length 150mm



Micro scissors—Curved Up

CODE	HC-S-001T M02
DESCRIPTION	Micro scissors, “A” type, Upward tip, 0.4mm, Titanium, Length 150mm



Needle Holders

CODE	HC-N-001T M02
DESCRIPTION	Needle holder, “A” type, tip, 0.4mm, Titanium, Length 150mm



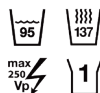
Micro forceps

CODE	HC-T-001T M01
DESCRIPTION	Micro forceps, “A” type, tip, 0.3mm, Titanium, Length 150mm



KERRISON Bone Punches

	CODE	DESCRIPTION	TIP SIZE	WORK LENGTH
	HC-P-001 ZU/180/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide: 1cm	18cm
	HC-P-001 ZU/180/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide: 2cm	
	HC-P-001 ZU/180/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide: 3cm	
	HC-P-001 ZU/180/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide: 4cm	
	HC-P-001 ZU/180/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide: 5cm	
	HC-P-001 ZU/200/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide: 1cm	20cm
	HC-P-001 ZU/200/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide: 2cm	
	HC-P-001 ZU/200/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide: 3cm	
	HC-P-001 ZU/200/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide: 4cm	
	HC-P-001 ZU/200/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide: 5cm	
	HC-P-001 ZU/230/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide: 1cm	23cm
	HC-P-001 ZU/230/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide: 2cm	
	HC-P-001 ZU/230/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide: 3cm	
	HC-P-001 ZU/230/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide: 4cm	
	HC-P-001 ZU/230/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide: 5cm	
	HC-P-001 ZU/250/130/1	Bone Punch, rigid, 130° up tip; Straight	Wide: 1cm	25cm
	HC-P-001 ZU/250/130/2	Bone Punch, rigid, 130° up tip; Straight	Wide: 2cm	
	HC-P-001 ZU/250/130/3	Bone Punch, rigid, 130° up tip; Straight	Wide: 3cm	
	HC-P-001 ZU/250/130/4	Bone Punch, rigid, 130° up tip; Straight	Wide: 4cm	
	HC-P-001 ZU/250/130/5	Bone Punch, rigid, 130° up tip; Straight	Wide: 5cm	



(Only sale in the mainland areas of China)



MITHRAS Bipolar forceps (bayonet)

CODE	DESCRIPTION	TIP SIZE	LENGTH
97A001	Non-Stick Bipolar forceps, tip 0.6*5mm, Work Length 65mm	0.6*5mm	180mm
97A002	Non-Stick Bipolar forceps, tip 1.0*5mm, Work Length 65mm	1.0*5mm	



CODE	DESCRIPTION	TIP SIZE	LENGTH
97A003	Non-Stick Bipolar forceps, tip 0.6*5mm, Work Length 80mm	0.6*5mm	195mm
97A004	Non-Stick Bipolar forceps, tip 1.0*5mm, Work Length 80mm	1.0*5mm	



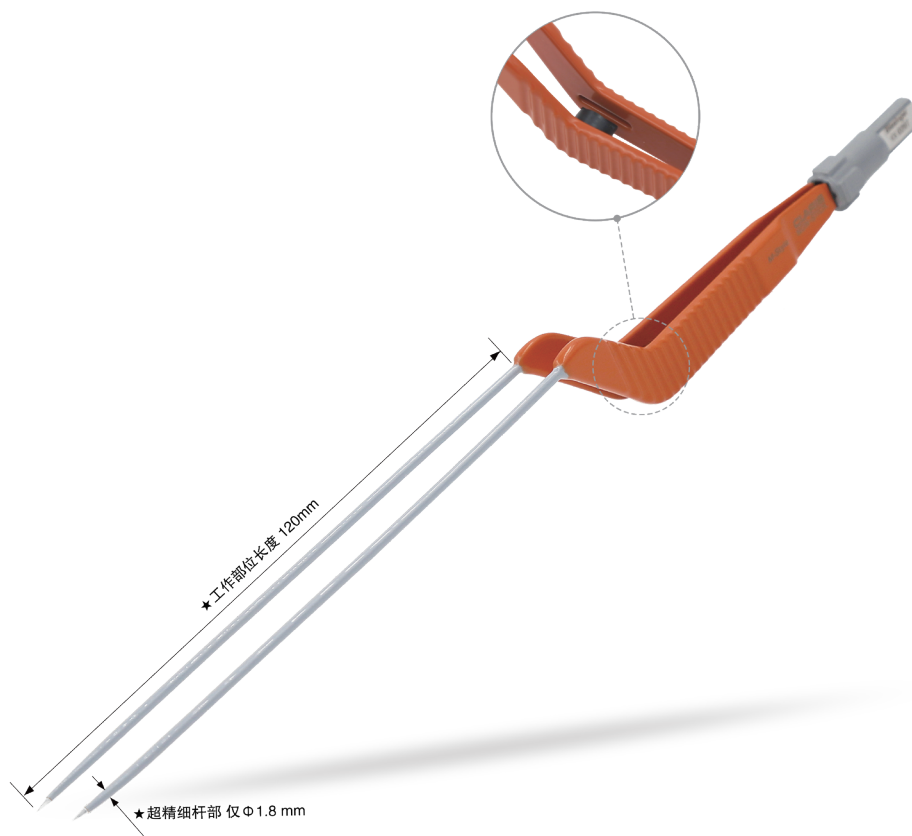
CODE	DESCRIPTION	TIP SIZE	LENGTH
97A005	Non-Stick Bipolar forceps, tip 0.6*5mm, Work Length 100mm	0.6*5mm	215mm
97A006	Non-Stick Bipolar forceps, tip 1.0*5mm, Work Length 100mm	1.0*5mm	



CODE	DESCRIPTION	TIP SIZE	LENGTH
97A007	Non-Stick Bipolar forceps, tip 0.6*5mm, Work Length 120mm	0.6*5mm	235mm
97A008	Non-Stick Bipolar forceps, tip 1.0*5mm, Work Length 120mm	1.0*5mm	



(Only sale in the mainland areas of China)



Non-stick Bipolar forceps

CODE	DESCRIPTION	TIP SIZE	LENGTH
97A009	Non-Stick Bipolar forceps, "Extra delicate" tip 0.3mm, Work Length 120mm	wide: 0.3mm	230mm

Flat plug

CODE	DESCRIPTION	TIP SIZE	LENGTH
97Z002	2-Banana type	—	300cm



”BLACK GOLD” Head Holder

PARTS	CODE	DESCRIPTION	PICTURE
”C”Holder	HS-01	With pressure scale, maximum pressure value: 360N/80LBS. Adjust the pressure through the jacking handwheel. The head nail clamping distance is 12–24cm, suitable for adults and children. The screwing range of the quick lock handwheel is 60° , with a quick lock function.	
Universal regulator	HS-01	Adjustment range: 360° . Good stability, suitable for intraoperative fine-tuning. Durable coating, good corrosion resistance.	
Connect the base	HS-01	The standard diameter of the bed plunger is 14mm. In addition, 12mm, 16mm, 18mm, 20mm and other sizes are available, which are suitable for different styles of operating beds. The maximum distance between the two pins is 56cm. Connect the base to quickly tighten the wrench, and easily lock the base and the connecting shaftjoint.	
Head rest	HS-01	Blue polymer material. The left and right head pads can be adjusted for exercises, suitable for adults and children.	



Children's Head Frame

PARTS	CODE	DESCRIPTION	PICTURE
"C"Holder (children)	HS-02	With pressure scale, maximum pressure value: 360N/80LBS. Adjust the pressure through the jacking handwheel. The head nail clamping distance is 12–24cm, suitable for children. The screwing range of the quick lock handwheel is 60° , with a quick lock function.	
Universal regulator	HS-02	Adjustment range: 360°. Good stability, suitable for intraoperative fine-tuning. Durable coating, good corrosion resistance.	
Connect the base	HS-02	The standard diameter of the bed plunger is 14mm. In addition, 12mm, 16mm, 18mm, 20mm and other sizes are available, which are suitable for different styles of operating beds. The maximum distance between the two pins is 56cm. Connect the base to quickly tighten the wrench, and easily lock the base and the connecting shaftjoint.	
Head rest	HS-02	Blue polymer material. The left and right head pads can be adjusted for exercises, suitable for adults and children.	



Quick Retractor & Hand rest system

PARTS	CODE	DESCRIPTION	PICTURE
Hand rest	HQ-02	Stainless Steel C clip: the maximum width of the bayonet is 5cm Fixed rod working distance 16cm, diameter 1.2cm Universal arm: working length 26cm, double universal head, aperture 1.2cm Hand rest: fixed end length 11cm, chord length 34cm, arc length 36.5cm	
Converter	HQ-02	Stainless Steel Double head conversion, the maximum width is 2cm	
Retractor	HQ-02	Stainless Steel The total length of the flexible shaft is 25.5cm	

Solution

Micro Instruments for Neurosurgery

显微镜下神经外科器械

Microinstrumentos para Neurocirugía

Micro-instruments pour la neurochirurgie



Carotid Endarterectomy Solution



CEA Retractor

CODE	96B016
DESCRIPTION	5*6 teeth, width 3.3cm*4.1cm, depth 3cm, blunt; Length 17cm



Multifunction forceps

CODE	96B010
DESCRIPTION	Elbow, 5mm transverse teeth, rear knotted platform; Length 16cm



CEA Blocking forceps

CODE	10Z011
DESCRIPTION	Debakey teeth, 1*2 teeth, 60 ° angle, 3.5cm deep head



CEA Curved Up & Down scissors

CODE	96B011
DESCRIPTION	Upward 50 ° , blade length 15mm, Length 18cm



Mayo Sharp scissors

CODE	02C019
DESCRIPTION	With tungsten carbide inserts, one-sided land with teeth, curved up, Length 18cm



Sharp angle scissors

CODE	02F008
DESCRIPTION	With tungsten carbide inserts, one-sided land with teeth, 45° side angle, Length 18cm



Ring Needle holder

CODE	03A002
DESCRIPTION	2.0mm wide tip with tungsten carbide inserts for 5-0, 6-0, 7-0 sutures; Length 15cm



CEA Dissector

CODE	HC-D-001 AQ/190
DESCRIPTION	Flat tip, 2.7mm*4.6mm; Length 19cm



Double-end Dissector

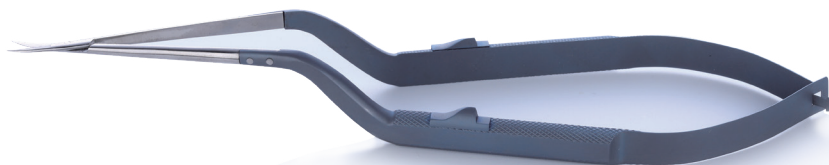
CODE	HC-D-004 DP/190
DESCRIPTION	Double-ended, wide: 4mm & wide: 2mm; Length 19cm



Debakey forceps

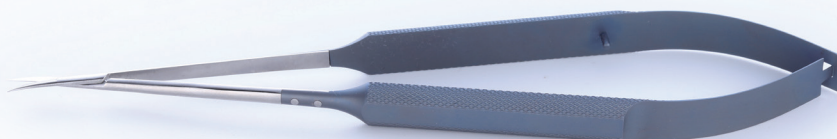
CODE	HC-T-003 A01
DESCRIPTION	Debakey teeth, 1*2 teeth, head end width 1mm, Length 18cm

Aneurysmectomy Solution



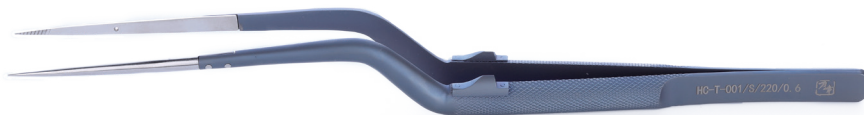
“SHARK SERIES” Bayonet Microscissors

CODE	DESCRIPTION
HC-S-002 R/225	Micro scissors, Bayonet, “SHARK”right tip with Ultra-thin blades; “Titanium” handle; Length 225mm
HC-S-001 S/225	Micro scissors, Bayonet, “SHARK”straight tip with Ultra-thin blades; “Titanium” handle; Length 225mm
HC-S-001 U/225	Micro scissors, Bayonet, “SHARK”Upward tip with Ultra-thin blades; “Titanium” handle; Length 225mm



“SHARK SERIES” Elite Microscissors

CODE	DESCRIPTION
HC-S-002 SS/180	Micro scissors, Straight, “SHARK”right tip with Ultra-thin blades; “Titanium” handle; Length 180mm



“SHARK SERIES” Bayonet Forceps

CODE	DESCRIPTION
HC-T-001 S/220/0.6	Micro forceps, Bayonet, “Extra delicate”0.6mm tip; “Titanium” handle; Length 220mm



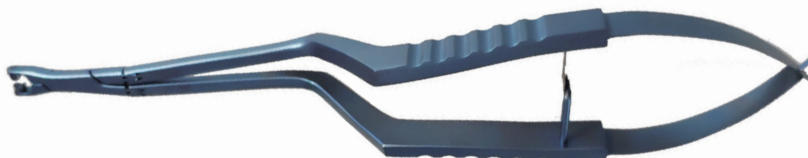
Suction & Irrigation Systems

CODE	DESCRIPTION
HC-02 150/1.5	Recurved type, Straight head; Blue handle; Φ 1.5mm tip; work length 150mm
HC-02 150/2	Recurved type, Straight head; Yellow handle; Φ 2mm tip; work length 150mm



Rhoton Micro Dissector

	CODE	DESCRIPTION
	HC-D-001T R2	R2; Round Dissector, Medium, 2.3 mm Tip, Length19cm
	HC-D-001T R6	R6; Spatula Dissector, Small, 1.1 mm Tip, Length19cm
	HC-D-001T R7	R7; Spatula Dissector, Medium, 1.7 mm Tip, Length19cm
	HC-D-001T R15	R15; Teardrop Dissector, Straight, Length19cm
	HC-D-001T R16	R16; Teardrop Dissector, 90°, 3.0 mm Tip, Length19cm
	HC-D-001T R19	R19; Teardrop Dissector, 40°, 8.0 mm Tip, Length19cm



Clip Applying Forceps

CODE	DESCRIPTION
13L002	Standard; "Titanium", Length 23cm
13L001	Mini; "Titanium", Length 22.5cm

Hotry (Beijing) Co.,Ltd.

HOTRY Medical, 3rd Floor, Building 21, LIANDONGU VAL-
LEY, No.50 Huatuo Road, Daxing District, Beijing,China

Tel: +86 15600753360

E-mail:hotrypeak@gmail.com

www.Hotryneuro.com