

MICROSURGICAL INSTRUMENTS

www.TAKAYAMAmicro.com





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Kamiyama Series

Dr. Hiroyasu Kamiyama is well known as the pioneer of cerebral bypass surgery. With over forty years of experience in cerebrovascular surgery, Dr. Kamiyama is considered an expert in aneurysm clipping and cerebrovascular reconstruction. In April 2012, the KAMIYAMA School of Neurosurgery, Cerebrovascular and Skull Base Surgery was established at Teishinkai Hospital located in Sapporo, Japan. Dr. Kamiyama now enthusiastically dedicates his time and vast experience as he trains future neurosurgeons who will succeed him.

The Kamiyama series of instruments were developed based upon his experiences.

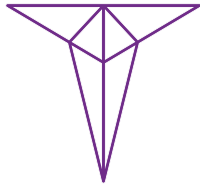


Dr. Rokuya Tanikawa
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Super Bypass Series

Until the development of the Super Bypass instrument series, our standard platform-tipped forceps occasionally disturbed the flow of the procedures, because the tip lacked a slip-resistant surface. Despite our standard forceps' acceptable performance in most cases, many times I was forced to adjust the forceps' grip on the suture or the needle as I lost control of it. By extending the platform length to 7mm and 10mm and changing the metallic chemistry of the tips, we have created forceps with superior grip. The Super Bypass forceps provide ultimate control to surgeons, especially in procedures where manipulation of sutures in narrow, deep areas is limited to single directional movement. We can now perform P2 bypass and basilar artery anastomosis using the long, straight Super Bypass instruments. The bayoneted version, on the other hand, further moderates the challenge of suturing in tight quarters under the surgical microscope.

Rokuya Tanikawa



TAKAYAMA INSTRUMENT

TAKAYAMA INSTRUMENT. Inc.

OVER A CENTURY OF PRODUCING QUALITY SURGICAL INSTRUMENTS

TAKAYAMA Instrument, Inc. was founded in 1905 in Tokyo, Japan. For over 100 years TAKAYAMA has produced the highest quality surgical instruments.

HISTORICAL SIGNIFICANCE

The Japanese Samurai sword is world famous for the strength, cutting ability, and quality of its blade. At the end of the 18th century, Shogun Tokugawa assembled some of his master craftsmen and focused them on making surgical instruments. Experience handed down from craftsman to craftsman, TAKAYAMA is the surviving entity from those ancient artists in metal fabricating. Today, TAKAYAMA is the only company that can produce a concave blade with a cutting edge similar to the swords that were integral to Japan's development as a world leader. TAKAYAMA is honored to preserve the quality first produced by the ancient craftsmen.

MAINTAINS "HANDMADE" QUALITY

TAKAYAMA maintains ISO9001, ISO13485 as a global manufacturer but also as an OEM supplier for major medical manufacturers.

ADVANCED MACHINE

Utilizing the most advanced machine tools from Japan, the US, Switzerland and Germany combined with complimentary hand craftsmanship, superior products are guaranteed even on mass production.

QUALITY. ERGONOMICS. UTILITY.

There are many manufactures of forceps and scissors. Hence there are many levels of quality, ergonomics and utility. Some TAKAYAMA Instruments are unique in appearance, but once used, the experience exceeds expectations.

WiSM Wellness Information
Science Medicine

MUTOH *Since 1918*
MUTOH America Co., Ltd.

MUTOH America Co., Ltd.

MUTOH America Co., Ltd. founded 1998 in Natick, Massachusetts as a subsidiary of MUTOH Corporation, Japan. Founded in 1918, in Sapporo, Hokkaido, the MUTOH Group is the largest medical device distributor in Japan. The group has over 130 branches which service the entire country and produce over \$1.5B in revenue. MUTOH developed the ultrasonic surgical aspirator, 'SonoPet' in 2001, the first of its kind to allow bone removal using LT technology. With over 300,000 products in its portfolio, MUTOH continues to add new cutting edge technology to support the demands of the modern medical and surgical community. As its company mission statement, "WiSM MUTOH" stands for MUTOH's dedication to "Wellness", "Information", "Science" and "Medicine".

Experience

The Kamiyama Microscissors

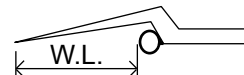


Serrated

Serrated Mini

Standard

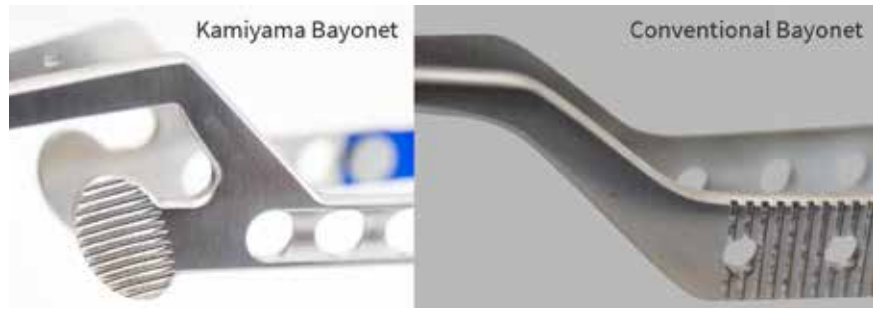
Standard Mini



Kamiyama Bayonet

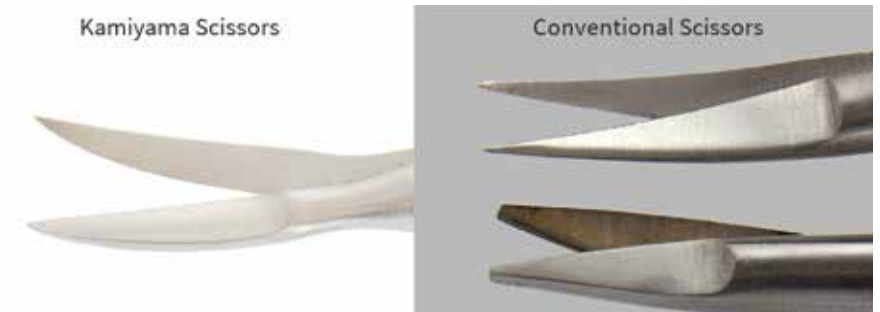
LABELED **K**

The unique bayonet style with forward axial finger rest provides improved visibility and excellent control.



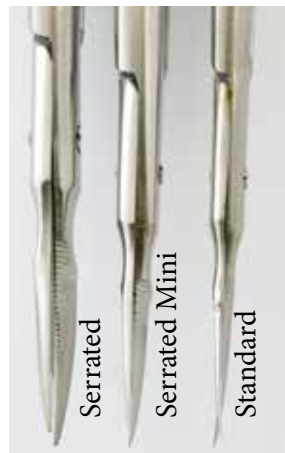
Kamiyama Scissors

Ultra thin curved blades provide precise cutting with exceptional visibility. Kamiyama scissors have been used by the top neurosurgeons in Japan for many years. The distinctive “Samurai Sword” shape of the cutting blade provides superior cutting, control and enhanced visibility.



Kamiyama Serrated Blade Scissors

Kamiyama Serrated Blade microscissors has a serrated cutting edge on the bottom blade. It is slightly thicker than the standard Kamiyama selection but permits easier cutting on hard fibrous tissue, dura and even coil during re-operation.



Left Handed Instruments

LABELED **L**

Some scissors are crafted for the left hand, increasing surgeon's flexibility.



Premium Double Black Diamond

LABELED **P**

The series of premium DBD microscissors are upgraded versions of the preceding instruments. The microscissors are the sharpest, exceeding with the ability to sharpen through use. Go to page 14 for more information on Premium DBD instruments.

Sharpness

Premium > Muramasa > Standard



Muramasa Series

LABELED **M**

The Kamiyama Muramasa¹⁾ scissors provide the user with the ultimate in fine cutting ability. With the spring tension precisely tuned by Dr. Hiroyasu Kamiyama, the user perceives the scissors as an extension of their own hand. The Kamiyama “Muramasa” scissors will exceed your expectations.

1) In historical legend, the “Muramasa” Japanese sword is renowned for its unmatched sharpness in the 15th century.

Microscissors



Body Length
120mm

160mm

180mm

160mm
Working Length
65mm

195mm
Working Length
100mm

K-104

K-103

K-1030 M

KP-S01 P

KP-S01MTL L P

K-103-18

K-1030-18 M

KP-S01-S P

KP-S01KMS L P

K-102-1

K-102-2 L

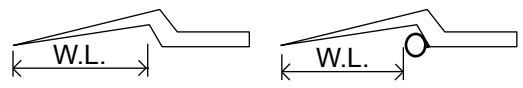
K-101-1

K-101-2 L

KP-110-1 ANGLLED SHAFT

KP-110-2 L ANGLLED SHAFT

ANGLED SHAFT KP-110-1



Samurai Mini

Body Length
160mm



180mm

K-203-18

K-203

Serrated

Body Length
160mm



180mm

K-3030

K-3030-18

200mm

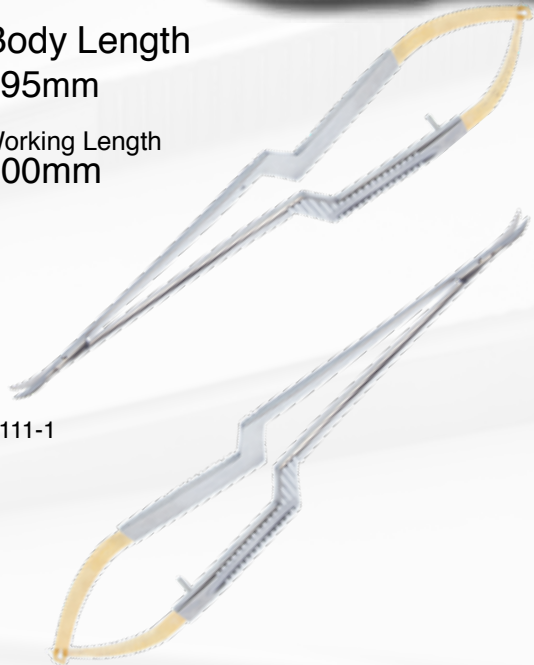
Working Length
100mm

K-3010 **K**

Higher Curvature

Body Length
195mm

Working Length
100mm



K-111-1

K-111-2 **L**

Serrated Mini

Body Length
160mm

180mm

200mm

Working Length
100mm

K-2030

K-2030-18

K-2010 **K**

Microforceps



Straight Tip

Body Length

160mm



K-811

KP-P03 **P**

180mm

Working Length
70mm

200mm

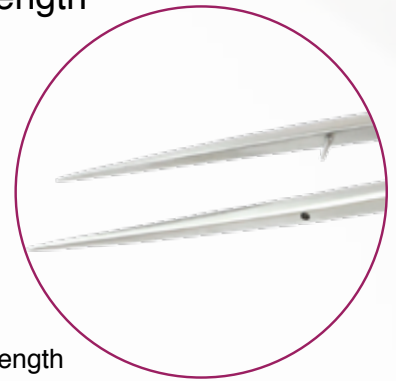
Working Length
90mm



K-801 **K**

K-806 **K**

KP-P01 **K P**



All instruments are totally non-magnetic and give unprecedented control, even with 10-0 suture.

45° 1.5mm Tip



160mm

180mm

Working Length
70mm

200mm

Working Length
90mm



45° 3.5mm Tip



180mm

Working Length
70mm

200mm

Working Length
90mm



Needle Holder



Straight Tip



K-803 **K**

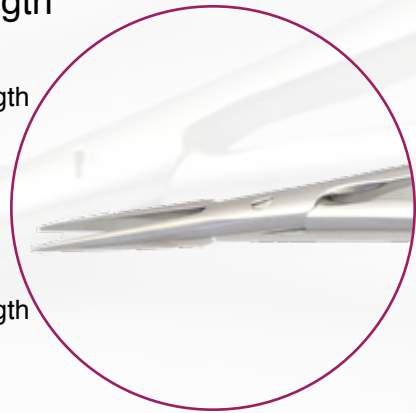
Body Length
180mm

Working Length
70mm

K-808 **K**

200mm

Working Length
90mm



Curved Tip



K-814

160mm

K-804 **K**

180mm

Working Length
70mm

K-809 **K**

200mm

Working Length
90mm



45° 1.5mm Tip



K-8250 **K**

180mm

Working Length
70mm

K-8210 **K**

200mm

Working Length
90mm



45° 3.5mm Tip



K-815

160mm

K-805 **K**

180mm

Working Length
70mm

K-810 **K**

200mm

Working Length
90mm



Micro Rongeur



Slightly Curved Tip

Body Length

K-700 | 180mm

Working Length
70mm



Straight Tip

KT-701 | 200mm

Working Length
90mm



Curved Tip

KT-702 | 200mm

Working Length
90mm

Micro Dilator



45° Tip



K-500 | 185mm

Microdissector

180° Cutting Edge

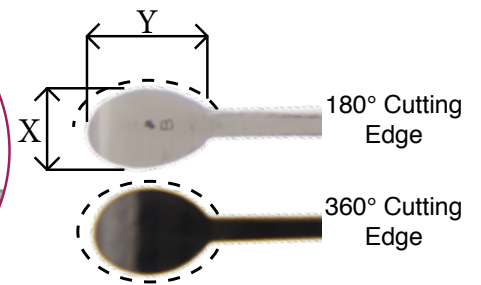


IK-120	Tip Size 1x2mm
IK-1520	Tip Size 1.5x2mm
IK-230	Tip Size 2x3mm
IK-340	Tip Size 3x4mm

360° Cutting Edge



KTP-120	P	Tip Size 1x2mm
KTP-1520		Tip Size 1.5x2mm
KTP-230		Tip Size 2x3mm
KTP-340		Tip Size 3x4mm



Blade edge is indicated with an arrow & "B" on the blade and a bump on the shaft.

X Y: 1x2, 1.5x2, 2x3, 3x4mm

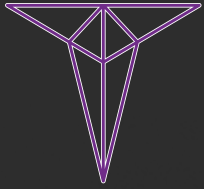
Sterilization Tray



ST-L1 | Large Tray Hospital Size
10x17x1.5in
(260x430x40mm)

ST-S1 | Small Tray Size
8.7x10x1.5in
(220x260x40mm)

ST-T1 | Premium DBD Tray
2.8x8.7x1.3in
(68x220x32mm)



TAKAYAMA INSTRUMENT



DOUBLE BLA

Designed for the best, by the best

Ever sharp! Self-Sharpening

The microscissors maintain their precision edge with self sharpening technology.

DLC Coating

Diamond-like Carbon coating increases the durability of the DBD series, while giving the unique appearance.

V-Groove System

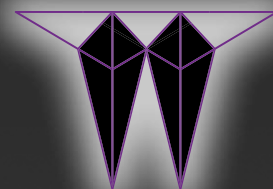
The premium microforceps utilize a patented groove construction rather than traditional pins to prevent scissoring which provides greater visibility.

Precision and Control

Premium microforceps have a longer contact surface at the tip for the ultimate grip.

Non-Magnetic

All Takayama Premium Instruments are non-magnetic. Our needle holders' non-magnetic properties prevent needles from sticking to the tips even with fine 10-0 suture.lic needles from sticking onto the forceps, even at 10-0 suture.



DBD Microscissors

LEFT HANDED

KP-SO1MTL | 160mm
Michael T Lawton Special



RIGHT HANDED

KP-SO1
Kamiyama Premium (K-1030 Upgrade)



KP-SO1KMS | 180mm
Kiko Mura Special



KP-SO1-S
Kamiyama Premium 180mm Model



DBD Microforceps



KP-P03
Straight Tip



KP-P04
45° Tip



KP-P01
Straight Tip, K-Bayonet



KP-P02
45°, 1.5mm Tip, K-Bayonet



DBD Microdissector



KTP-120 1x2mm Tip
KTP-1520 1.5x2mm Tip
KTP-230 2x3mm Tip
KTP-340 3x4mm Tip

DBD Sterilization Tray



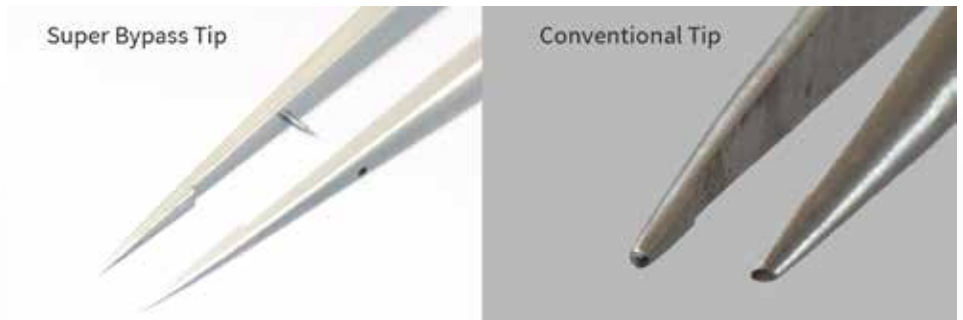
ST-T1
Premium Tray

Microscopic Perfection in Weight, Balance, and Utility

SuperBypass Series

No Scissoring

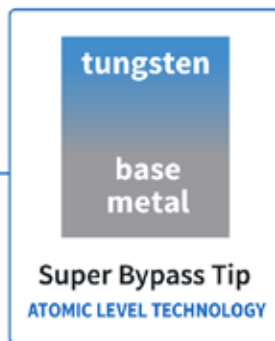
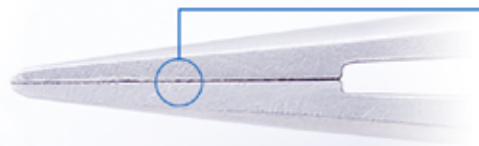
Precision craftsmanship creates forceps with no tip distraction. The precisely positioned pin prevents the tip crossover or “scissoring.”



No Slip, No Stick Platform

The tip, made of “Synthesized tungsten” with the base metal, offers superior grasping and unsurpassed durability. Whether the tip is straight or curved, all instruments give unprecedented control, even with 10-0 suture.

Patented metallic synthesis technology.
Robust tungsten layer.
Unlike a normal coating.



Firm Grip

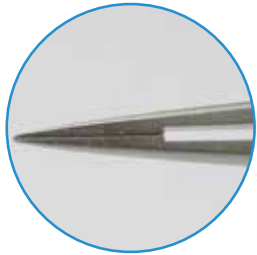
The patented knurling pattern is standard on all Super Bypass bayoneted instruments for maximum fingertip control.



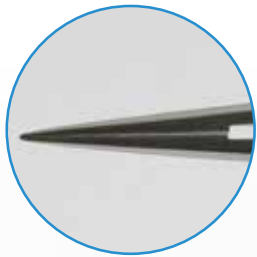
W.L.= Working Length

Microforceps

7mm Platform



10mm Platform



10mm Curved Platform



Needle Holder



Curved Tip

SB-16NC | 160mm

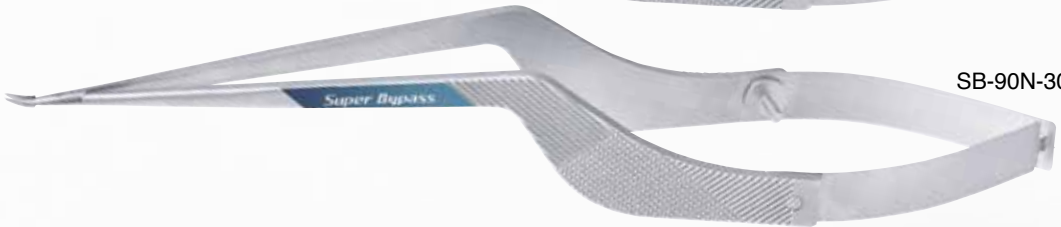


30° Tip

SB-70N-30 | 175mm
Working Length 70mm



SB-90N-30 | 195mm
Working Length 90mm



SB-110N-30 | 215mm
Working Length 110mm



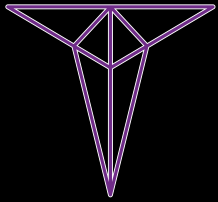
W.L. = Working Length

45° Tip



60° Tip





NeuroSamurai 侍

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