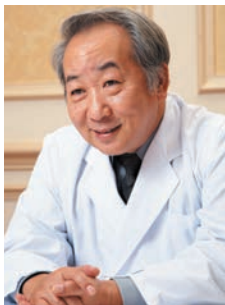


MICROSURGICAL INSTRUMENTS

www.TAKAYAMAmicro.com





Hiroyasu Kamiyama, MD.
 Department of Neurosurgery,
 Stroke Center,
 Teishinkai Hospital,
 Sapporo Japan

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.

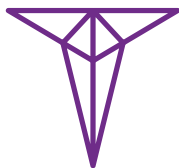


Rokuya Tanikawa, MD,
IFAANS
 Executive Vice President, Director
 Department of Neurosurgery
 Stroke Center
 Sapporo Teishinkai Hospital
 Sapporo, Japan

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, 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

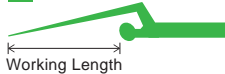
K K-Bayonet

P Premium Series

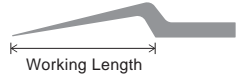
L Left Handed

M Muramasa Series

K K-Bayonet



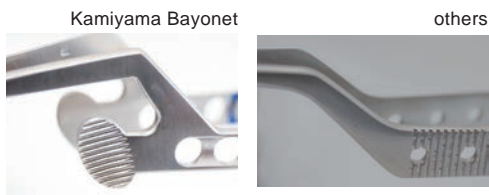
Conventional Bayonet



Kamiyama Bayonet

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 reoperation.



Left Handed Instruments

L

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



Premium Double Black Diamond

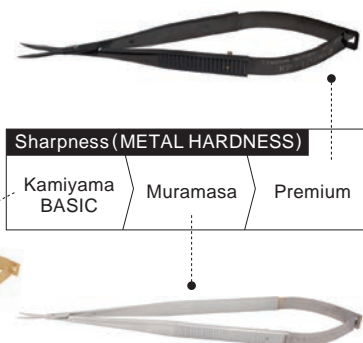
P

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.)

Muramasa Series

M

The Kamiyama Muramasa^{*1)} 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.

Samurai Standard



Body Length

120mm

K-104 KP-104MKB **P**

160mm

K-103 K-1030 **M** KP-S01 **P** KP-S01MTL **L P**

180mm

K-103-18 K-1030-18 **M** ^{*2)} KP-S01-18 (KP-S01-S) **P** KP-S01KMS **L P**

Body Length

160mm

Working Length 65mm

K-102-1 K-102-2 **L**

195mm

Working Length 100mm

K-101-1 K-101-2 **L** K-110-1 ANGLD SHAFT K-110-2 ANGLD SHAFT **L**

ANGLED SHAFT K-110-1

K K-Bayonet	P Premium Series	K K-Bayonet	Conventional Bayonet
L Left Handed	M Muramasa Series		

Samurai Mini

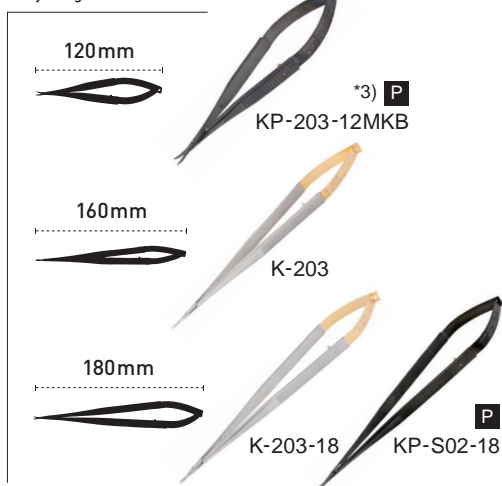


Serrated

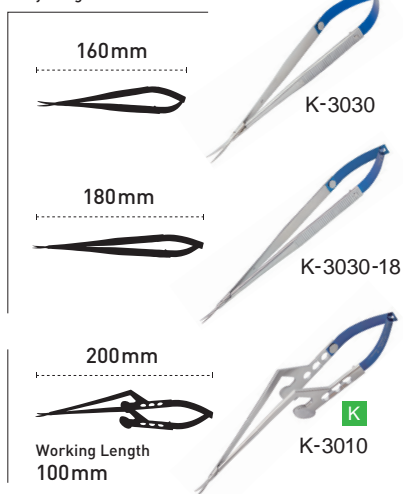


KAMIYAMA

Body Length



Body Length



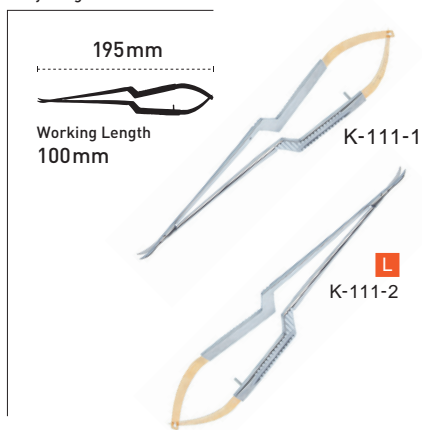
Higher Curvature



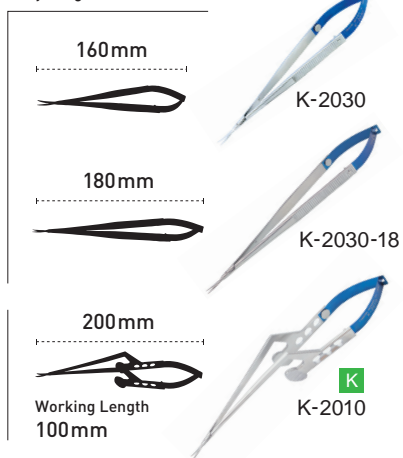
Serrated Mini



Body Length



Body Length



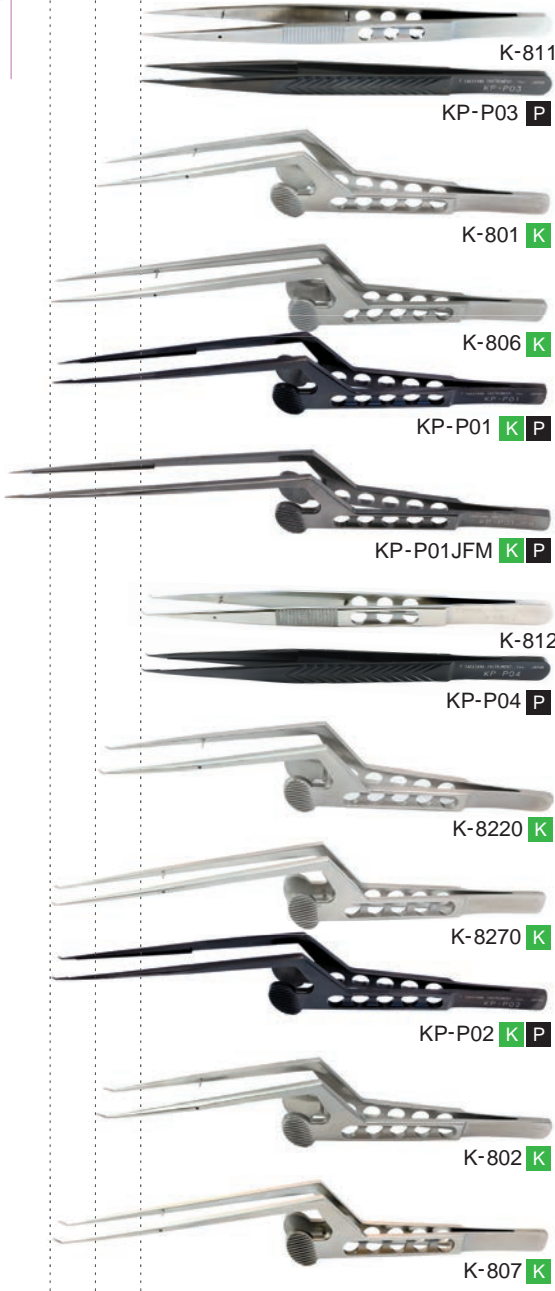
*2) : "KP-S01-18" product PIN number revised from "KP-S01-S".

*3) : Special item, ask read time.

Microforceps

Microforceps

200 180 160



Body Length

160mm



180mm



Working Length
70mm

200mm



Working Length
90mm

220mm



Working Length
110mm

160mm



180mm



Working Length
70mm

200mm



Working Length
90mm

180mm



Working Length
70mm

200mm



Working Length
90mm

Straight Tip



Standard Tip



KP HYBRID
Platform Tip

45° 1.5mm Tip



Standard Tip



KP HYBRID
Platform Tip

45° 3.5mm Tip



Standard Tip

K K-Bayonet **P** Premium Series



KP Series forceps.

- No Magnetic Stainless Metal
- + High Hardness Metal
- + Hybrid-Platform

01.
First touch



02.
Second touch



KP Forceps BYBRID platform

The flexible tip adapts to the function.

With light pressure, the “first touch” provides a pinpoint area of contact.

With ample pressure, the “second touch” provides a greater surface of contact.

Kamiyama forceps for more than half century

Kamiyama Microforceps are completely non-magnetic and give remarkable control even with 10-0 suture.

The masterpiece for a half century.



Introducing dissection forceps

Kamiyama-Hida Forceps

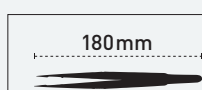
Long 180mm straight body, large 13mm platform designed for powerful and precise dissection work.



Body: Round Shape



H-102



Straight Tip

(13mm Platform)

Needle Holder

Kamiyama Needle Holders are completely non-magnetic and give unprecedented control even with 10-0 suture. The masterpiece for a half century.



All 4 tip profiles

- Straight
- Curved
- 45° 1.5mm
- 45° 3.5mm

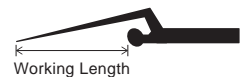


Kamiyama Bayonet

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



K K-Bayonet



200 : 180 : 160

K-803 **K**K-808 **K**

K-814

K-804 **K**K-809 **K**K-8250 **K**K-8210 **K**

K-815

K-805 **K**K-810 **K**

Body Length

180mm

Working Length
70mm

200mm

Working Length
90mmStraight
Tip

160mm



180mm

Working Length
70mm

200mm

Working Length
90mmCurved
Tip

180mm

Working Length
70mm

200mm

Working Length
90mm45°
1.5mm
Tip

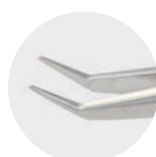
160mm



180mm

Working Length
70mm

200mm

Working Length
90mm45°
3.5mm
Tip

Micro Rongeur

Micro Rongeur / Micro Dilator

Super Micro Bone Rongeur.



K-700 **K**

Body Length

180mm



Working Length
70mm

Curved
Tip



KT-701 **K**

Body Length

200mm



Working Length
90mm

Straight
Tip



KT-702 **K**

Body Length

200mm



Working Length
90mm

Slightly
Curved
Tip



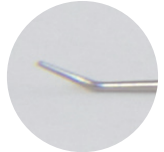
K-500

Body Length

185mm



45° Tip



K K-Bayonet

P Premium Series

Micro Dissector

Arachnoid Knife Micro Dissectors.

180° Cutting Edge

- IK-120 — Tip Size 1 x 2mm
- IK-340 — Tip Size 1.5 x 2mm
- IK-230 — Tip Size 2 x 3mm
- IK-1520 — Tip Size 3 x 4mm
(X) (Y)

360° Cutting Edge

- KTP-120 **P** — Tip Size 1 x 2mm
- KTP-1520 **P** — Tip Size 1.5 x 2mm
- KTP-230 **P** — Tip Size 2 x 3mm
- KTP-340 **P** — Tip Size 3 x 4mm
(X) (Y)



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

Memo



DOUBLE BLACK DIAMOND



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. The gripping force automatically realigns the tips to its center position and provides a "crossover free" experience.

Precision and Control

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

Non-Magnetic

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

(Detail page 13)

Dissector

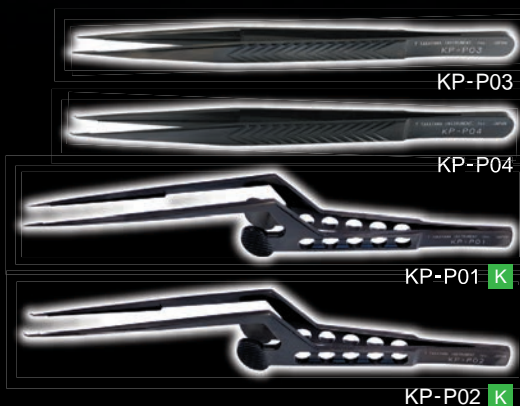
KTP-120
KTP-1520
KTP-230
KTP-340

360°
Cutting
Edge



(Detail page 8)

DBD Microforceps



KP-P03

KP-P04

KP-P01 **K**

KP-P02 **K**

Straight
Tip

45° Tip

Straight
Tip (K-Bayonet)

45°
1.5mm
Tip (K-Bayonet)

Designed for the best, by the best



(Detail page 6,7)

DBD Microscissors

180 160 140 120

 RIGHT HANDED



KP-104MKB



KP-S01



KP-S01-18 (KP-S01-S)^{*4)}

Samurai Standard

Body Length

120mm



Mustafa
K.Baskaya
Special

160mm




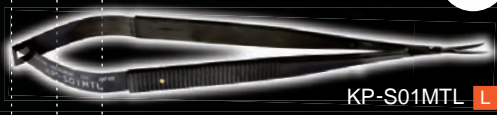
Kamiyama
Premium
(K-1030 Upgrade)

180mm



Kamiyama
Premium
(K-1030-18 Upgrade)

 LEFT HANDED



KP-S01MTL **L**



KP-S01KMS **L**

160mm



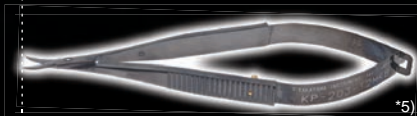
Michael
T Lawton
Special

180mm



Kiko Mura
Special

 RIGHT HANDED



KP-203-12MKB^{*5)}



KP-S02-18

Samurai Mini

Body Length

120mm



Mustafa
K.Baskaya
Special

180mm



Kamiyama
Premium
(K-203-18 Upgrade)

*4) : "KP-S01-18" product PIN number revised from "KP-S01-S".

*5) : Special item, ask read time.

Microscopic Perfection
in Weight,
Balance, and Utility.

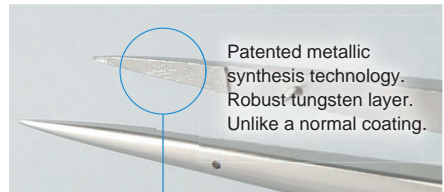
Now a new addition for
a more micro world.

Super Grip Technology

No Slip, No Stick Platforms

LABELED **SGr**

The tip, made of "Synthesized tungsten" with the base metal, offers superior grasping and unsurpassed durability. With randomly patterned surface roughness, whether the tip is straight or curved, all instruments give unprecedented control.



Random Surface Roughness
+
Thick Synthesized Layer

tungsten
+
base metal

Super Bypass Tip
ATOMIC LEVEL TECHNOLOGY

tungsten
+
base metal

Conventional Tip
MERE PROCESSING

REG Rigidity Enhancing Groove

SGr Super Grip technology

Crossover Free

No Scissoring

Precision craftsmanship creates forceps with no tip distraction.

Classic

Perfectly balanced,
powerful, and precise.

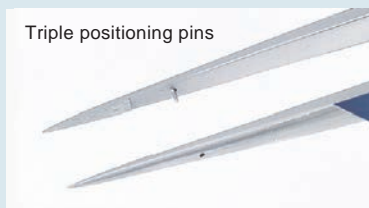
The legendary masterpiece for 20 years.

SB-1610

Triple Positioning Pin System

The TAKAYAMA legendary
Triple Positioning Pin System
supports crossover free feature.

Triple positioning pins



MTL-Fine

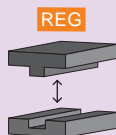
For higher magnification
world, the Finer profile tying forceps.

SB-1610-MTL

Rigidity Enhancing Groove System

New Rigidity Enhancing Groove System
provides crossover free and enhanced
rigidity of the instrument.

LABELED **REG**



Rigidity Enhancing Groove System



Microforceps

Classic

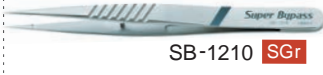
215: 195: 175:160: 120:



SB-1207 **SGr**



SB-1607 **SGr**



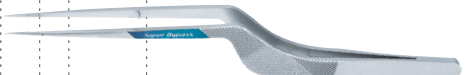
SB-1210 **SGr**



SB-1610 **SGr**



SB-70FS **SGr**



SB-90FS **SGr**



SB-110FS **SGr**



SB-70FC **SGr**



SB-90FC **SGr**



SB-110FC **SGr**

Body Length

120mm



160mm



120mm



160mm



175mm



Working Length
70mm

195mm



Working Length
90mm

215mm



Working Length
110mm

175mm



Working Length
70mm

195mm



Working Length
90mm

215mm



Working Length
110mm

7mm
Platform
Straight
Tip



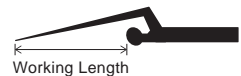
10mm
Platform
Straight
Tip



10mm
Platform
Curved
Tip

REG Rigidity Enhancing Groove

SGr Super Grip technology



MTL-Fine

Michael T. Lawton Special

160 120		SB-1207-MTL REG SGr	120mm	7mm Platform
		SB-1607-MTL REG SGr	160mm	
		SB-1210-MTL REG SGr	120mm	10mm Platform
		SB-1610-MTL REG SGr	160mm	

Super Bypass

The finer profile of the FINE Series offers superior performance in a smaller surgical field under higher microscope magnification view.

However, it maintains the tactility and precision of the classic Super Bypass series.



Classic



Perfectly balanced, powerful, and precise. Legendary master piece.

MTL-Fine



The newest addition, to a more precise work. Powered by "Rigidity Enhancing Groove System".

Needle Holder

Needle Holder

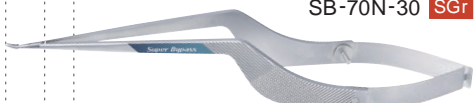
215: 195: 175:160:



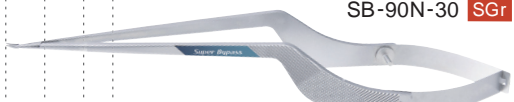
SB-16NC **SGr**



SB-70N-30 **SGr**



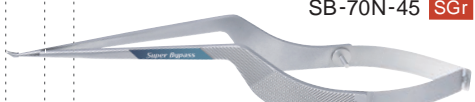
SB-90N-30 **SGr**



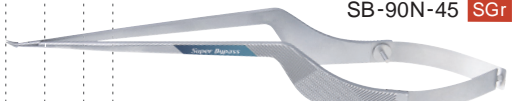
SB-110N-30 **SGr**



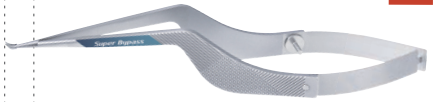
SB-70N-45 **SGr**



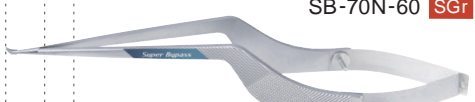
SB-90N-45 **SGr**



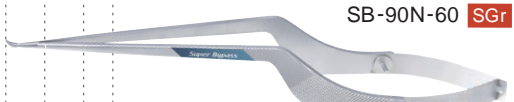
SB-110N-45 **SGr**



SB-70N-60 **SGr**



SB-90N-60 **SGr**



SB-110N-60 **SGr**

Straight

160mm



Curved Tip



Bayonet

175mm



Working Length
70mm

195mm



Working Length
90mm

215mm



Working Length
110mm

30° Tip



45° Tip



60° Tip



175mm



Working Length
70mm

195mm



Working Length
90mm

215mm



Working Length
110mm

SGr Super Grip technology



Needle Holder Scissors

Mario Zuccarello Special

160



SB-16NC-MZ-S1 **SGr**

Straight

160mm



Curved
Small Tip
(3mm Platform)



SB-16NC-MZ-L1 **SGr**

160mm



Curved
Large Tip
(7mm Platform)



Multifunctional

micro instrument.
Needle holders and
scissors now
in one piece.

Needle Holder Platform

Scissors



Super Bypass

TITANIUM SERIES

Super-Titan technology
Beyond Titanium, This is THE Super-Titan



Super-Titan

LABELED **STi**

The new developing work hardening processes now provides next level Titanium characteristics. It is similar to a stainless metal tactile feedback.

High Rigidity

+

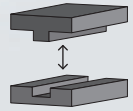
- Non Magnetic
- Light Weight

Crossover Free

LABELED **REG**

Rigidity Enhancing Groove System

New Rigidity Enhancing Groove System provides crossover free and enhanced rigidity of the instrument.



Super Grip technology

LABELED **SGr**

No Slip, No Stick Platform

The tip, made of "Synthesized tungsten" with the base metal, offers superior grasping and unsurpassed durability. With randomly patterned surface roughness, whether the tip is straight or curved, all instruments give unprecedented control.

Random Surface Roughness
+
Thick Synthesized Layer



Super Bypass Tip
ATOMIC LEVEL TECHNOLOGY



Conventional Tip
MERE PROCESSING



STi Super-Titan

SGr Super Grip technology

REG Rigidity Enhancing Groove



Microforceps TITAN

215 : 195 : 175 : 160 : 120 :



Straight

120mm



160mm



7mm
Platform
Tip



120mm



160mm



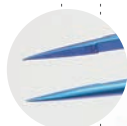
10mm
Platform
Tip



160mm



10mm
Platform
Curved
Tip



175mm

Working Length
70mm

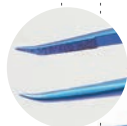
10mm
Platform
Tip



195mm

Working Length
90mm

210mm

Working Length
110mm

175mm

Working Length
70mm

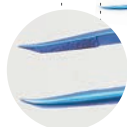
10mm
Curved
Platform
Tip



195mm

Working Length
90mm

210mm

Working Length
110mm

195mm

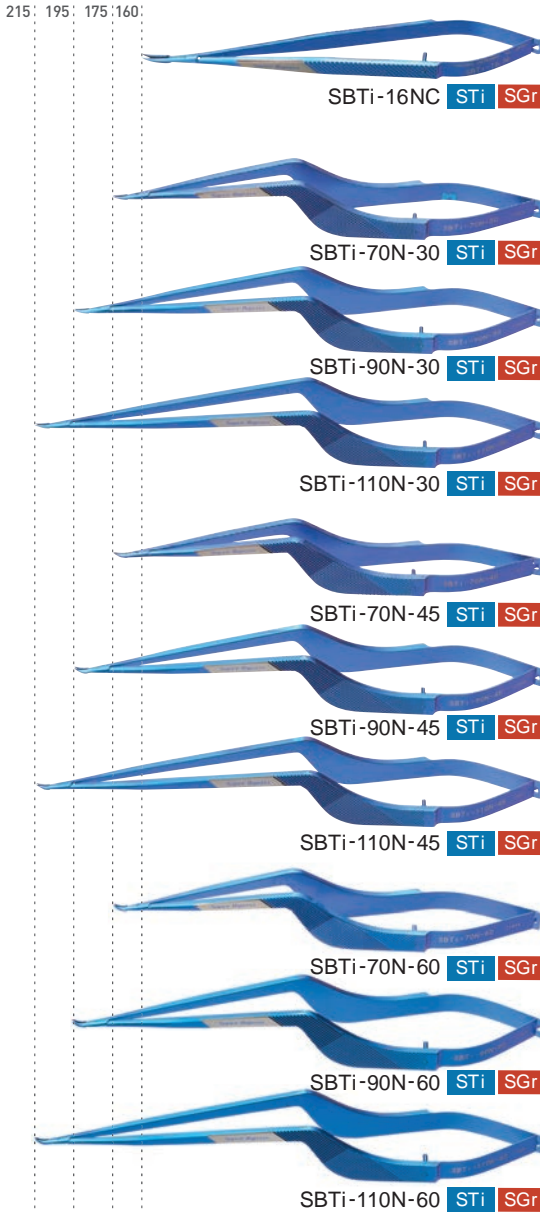
Working Length
90mm

10mm
Small
Curved
Platform
Tip

Needle Holder TITAN

Needle Holder Titan

Standard Tip Size



Straight

160mm



Bayonet

175mm



Working Length
70mm

195mm



Working Length
90mm

215mm



Working Length
110mm

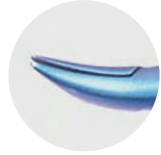
Curved Tip



30° Tip



45° Tip



60° Tip



STi Super-Titan

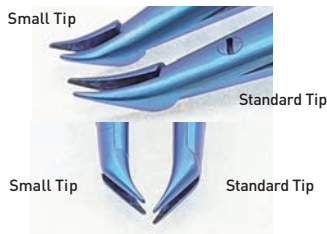
SGr Super Grip technology



Newest Addition Tip Profile "SMALL TIPS"

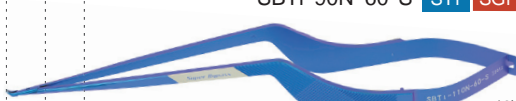
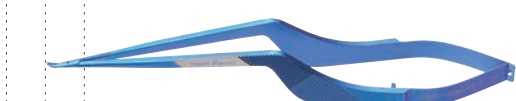
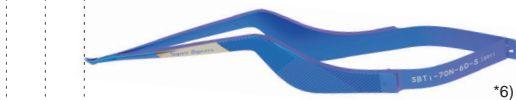
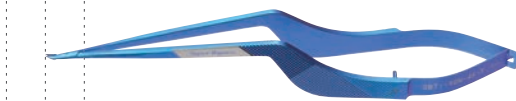
For deeper, narrower surgical fields.

"Small" tip provides shorter length extended nose portion which will be more flexible in deep narrow surgical field.



Small Tip Size

215 | 195 | 175



Bayonet

195 mm

30° Small Tip

Working Length 90 mm

215 mm

Working Length 110 mm

195 mm

45° Small Tip

Working Length 90 mm

215 mm

Working Length 110 mm

175 mm

60° Small Tip

Working Length 70 mm

195 mm

Working Length 90 mm

215 mm

Working Length 110 mm

*6) : No stock item, extended lead time.

Super — Bypass Suction — Irrigation System

One finger control
DUAL function in one tip
WIDE range of interchangeable tips



Multifunction

Suction and Irrigation
in the palm of your hand!

Suction

To operate the suction, hold and cover the suction adjusting hole. Suction power can be adjusted by covering size.

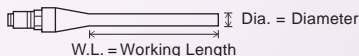
Irrigation

To operate the irrigation, cover the suction adjusting hole completely and push down the control lever. Irrigation power can be controlled by the angle of the lever.



Tip lineup

W.L. \ Dia.	PIN			
	ø 1.2mm (3.6Fr)	ø 1.5mm (4.5Fr)	ø 2.0mm (6.0Fr)	ø 3.0mm (9.0Fr)
70mm	SSTi-01-07012	SSTi-01-07015	SSTi-01-07020	SSTi-01-07030
90mm	SSTi-01-09012	SSTi-01-09015	SSTi-01-09020	SSTi-01-09030
110mm	SSTi-01-11012	SSTi-01-11015	SSTi-01-11020	SSTi-01-11030
130mm	SSTi-01-13012	SSTi-01-13015	SSTi-01-13020	SSTi-01-13030
160mm	SSTi-01-16012	SSTi-01-16015	SSTi-01-16020	SSTi-01-16030
180mm	SSTi-01-18012	SSTi-01-18015	SSTi-01-18020	SSTi-01-18030



Classic

No-Clog!
Powerful Irrigation!



Super Suction MiNi

More Compact!
More Suction Power!
Easier Maintenance!



When open tear drop suction power control hole, the suction power is controlled as zero. (Neutral power mode)

■ Comparison Chart

	Classic	Super Suction MiNi
Size	Palm Holding size	Finger holding size
Weight	115g	70g (60% from Classic)
Suction Power	70%	100%
	(Compare with single port suction cannula)	
Internal Water consumption	△	◎ (No consumption)
Bone Cloggable	◎	△ (may clog)
Irrigation Power	◎	△ (Water output less than Classic)



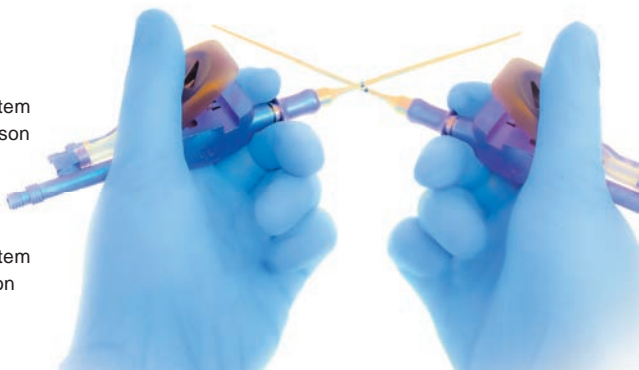
Starter Kit Classic

SSTi - SET1

SuperBypass Suction-Irrigation system starter kit 1 For **Right** Handed Person (1HP, 4Tips, 2Stylets, 1L-Wrench)

SSTi - SET1L

SuperBypass Suction-Irrigation system starter kit 1 For **Left** Handed Person (1HP, 4Tips, 2Stylets, 1L-Wrench)



■ SINGLE ITEMS

#	PIN	Description	Classic Starter Kit PIN	
			SSTi-SET1	SSTi-SET1L
①	SSTi-01	Suction-Irrigation, Hand-Piece For Right Handed Person	✓	
②	SSTi-01L	Suction-Irrigation, Hand-Piece For Left Handed Person		✓
③	SSTi-028	Cleaning Stylet for Tips	✓	✓
④	SSTi-029	Cleaning Stylet for Hand-Piece	✓	✓
⑤	SSTi-01-09030	Tip, 90mm, Dia.3.0mm [9Fr]	✓	✓
⑥	SSTi-01-09020	Tip, 90mm, Dia.2.0mm [6Fr]	✓	✓
⑦	SSTi-01-09015	Tip, 90mm, Dia.1.5mm [4.5Fr]	✓	✓
⑧	SSTi-01-09012	Tip, 90mm, Dia.1.2mm [3.6Fr]	✓	✓
⑨	SSTi-030	L-Wrench for Rotor Cap	✓	✓



- Starter Kit comes with 4 sizes of 90mm tips.
- Other sizes available, sold separately.

SSTi-01 is for Right-Handed person (Held in the non-dominant Left Hand)
SSTi-01L is for Left-Handed person (Held in the non-dominant Right Hand)

Starter Kit

Super
Suction **MiNi**

(Tray PIN :ST-SS1 excluded)



SSTi - SET - MY22

SuperBypass Suction-Irrigation MiNi system starter kit 1 For **Right** Handed Person (1HP, 4Tips, 2Stylets, 2 Stylet Insert Cover)

SSTi - SET - MY22L

SuperBypass Suction-Irrigation MiNi system starter kit 1 For **Left** Handed Person (1HP, 4Tips, 2Stylets, 2 Stylet Insert Cover)

■ SINGLE ITEMS

PIN	Description	MiNi Starter Kit PIN	
		SSTi-SET-MY22	SSTi-SET-MY22L
SSTi-MY22	Suction-Irrigation, Hand-Piece For Right Handed Person	✓	
SSTi-MY22L	Suction-Irrigation, Hand-Piece For Left Handed Person		✓
SSTi-028	Cleaning Stylet for Tips	✓	✓
SSTi-MY22-029	Cleaning Stylet for Hand-Piece	✓	✓
SSTi-01-09030	Tip, 90mm, Dia.3.0mm [9Fr]	✓	✓
SSTi-01-09020	Tip, 90mm, Dia.2.0mm [6Fr]	✓	✓
SSTi-01-09015	Tip, 90mm, Dia.1.5mm [4.5Fr]	✓	✓
SSTi-01-09012	Tip, 90mm, Dia.1.2mm [3.6Fr]	✓	✓

■ SERVICE PARTS

SSTi-P011	Reusable Connecting Tube (5pcs)	All starter kit coming with 1pcs SSTi-P011
SSTi-032	Stylet Insert Cover (2pcs)	All starter kit coming with SSTi-032

■ ACCESSORY *Detail page 36-37

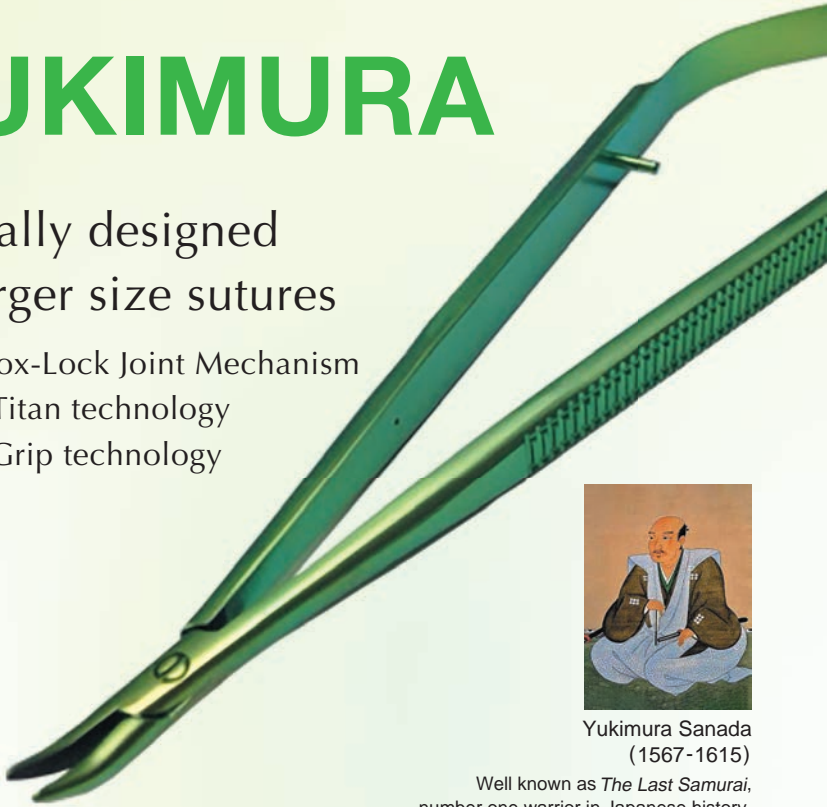
ST-SS1	Tray, for Super Suction (8.3×9.6×2in)	For both starter kit
ST-D1	Tray, Dissector, Dilator, TIP (9.7×5.0×1.1in)	For store additional tips



YUKIMURA

Specially designed
for larger size sutures

- New Box-Lock Joint Mechanism
- Super-Titan technology
- Super Grip technology



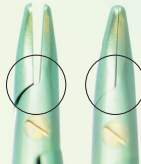
Yukimura Sanada
(1567-1615)

Well known as *The Last Samurai*,
number one warrior in Japanese history.
Product was named with respects to him.

New Box-Lock Joint

Suture Snag Prevention

The New Box-Lock Joint mechanism
prevents unexpected suture snagging.



Super Titan LABELED STi

- High Rigidity
- Non magnetic
- Light weight

Super Grip technology LABELED SGr

No Slip, No Stick Platform

YUKIMURA uses the Super Grip Technology same as SuperBypass. The tip, made of "Synthesized tungsten" with the base metal, offers superior grasping and unsurpassed durability. With randomly patterned surface roughness gives unprecedented control.

Random Surface Roughness
+
Thick Synthesized Layer

tungsten

base
metal

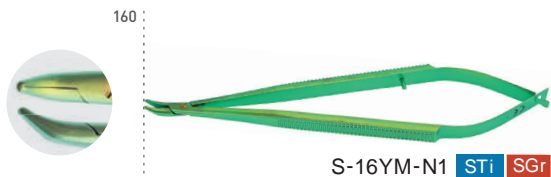
YUKIMURA Tip
ATOMIC LEVEL TECHNOLOGY



STi Super-Titan

SGr Super Grip technology

Needle Holder YUKIMURA



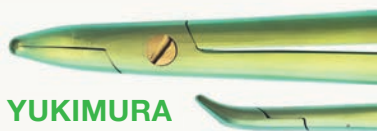
Straight



10mm
Curved

Reference Suitable Suture Size

10-0	9-0	8-0	7-0	6-0	5-0	4-0
			←—————→			
←—————→						



YUKIMURA

S-16YM-N1 STi SGr



Super Bypass

SB-16NC SGr



Super Bypass TITAN

SBTi-16NC STi SGr



YUKIMURA

S-16YM-N1 STi SGr

Super Bypass

SB-16NC SGr

Just as an extension of your finger tip...

... the feeling of the instrument should be gone.

iON

"I feel my tactile feeling on my instrument tip" ..., it is iON

iON Co-Axial Bayonet

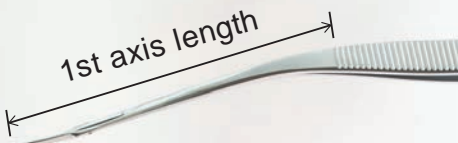
Co-Axial provides the same tip stability with straight body, but also provides the tip offset visibility under the microscope.

150% more tactile feedback ON! Co-Axial bayonet body design can offer 150% more power efficiency!

iON Co-Axial Bayonet Scissors... You can feel, you can see.

2 Lengths

	iON-70-XX	iON-90-XX
1st axis length	70mm	90mm
Total length	170mm	190mm



*Co-Axial Bayonet: Patent pending

4 Blades type

Samurai Standard blades

- same profile with Kamiyama K-103, K-1030, KP-S01, etc.
- 2 directions- Right and Left.

Face Up Curved blades

Serrated blades

- same profile with Kamiyama K-3030, etc.

Coaxial Bayonet scissors

195 170



170mm

1st axis length
70mm

Kamiyama
Samurai
Standard
blades



195mm

1st axis length
90mm

170mm

1st axis length
70mm

195mm

1st axis length
90mm

170mm

1st axis length
70mm

Straight
Face Up
Curved
blades



195mm

1st axis length
90mm

170mm

1st axis length
70mm

Kamiyama
Serrated
blades



195mm

1st axis length
90mm

L Left Handed



Membrane-Tumor-Grasping Universal forceps

KW

Grasping ...

Pia, Membrane, Tumor Capsule

Dissection ...

Blunt gentle dissections

MF Membrane Forceps

TF Tumor Forceps

Power Grasping

INSIDE



0.5mm Dia. Dimple Cup
+ 10mm large platform
+ SuperGrip

Blunt dissections

OUTSIDE



1mm ball spherical tip surface

Super Grip technology LABELED **SGr**

No Slip

Tungsten metal layer with random pattern surface.

Power Grasping

INSIDE



Barracuda type teeth

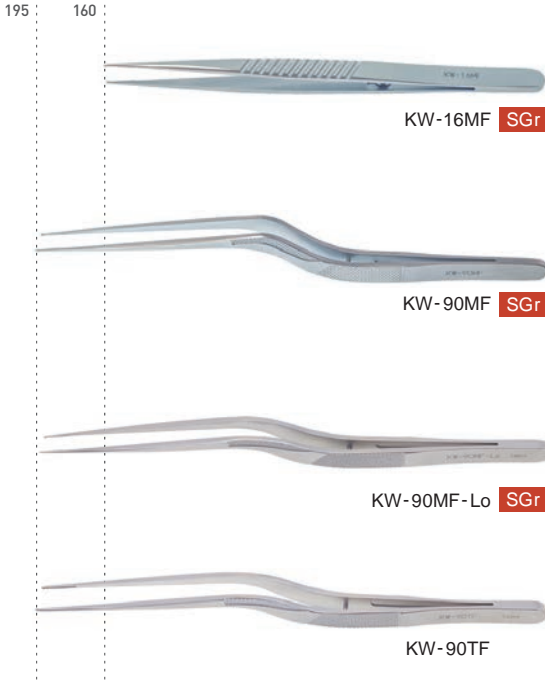
Blunt dissections

OUTSIDE



2mm ball spherical tip surface

Microforceps

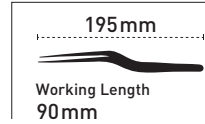


Straight

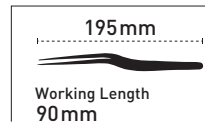


10mm
Platform

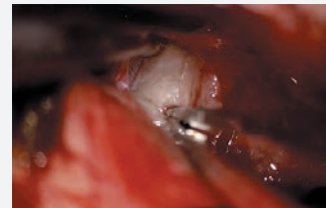
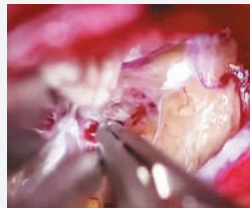
Bayonet



Low-offset Bayonet



Low-offset Bayonet
provides more
efficient tip
stable control.

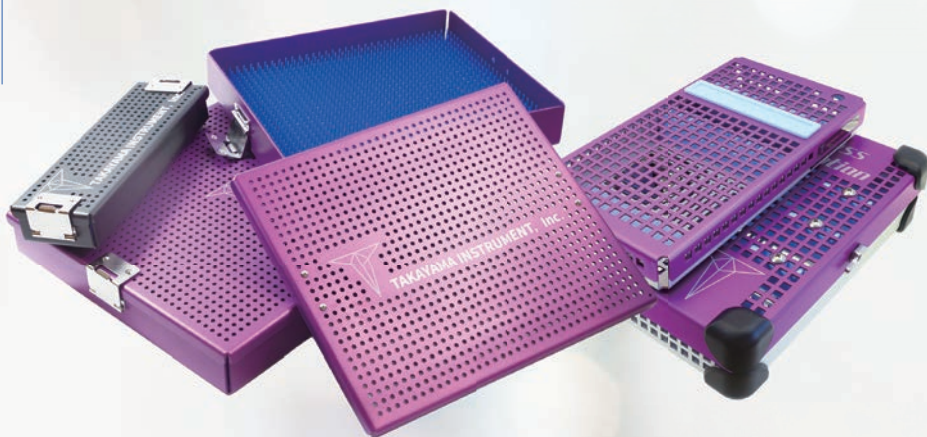


Picture courtesy by Kentaro Watanabe MD.

SGr Super Grip technology

Sterilization Tray

Sterilization Tray



ST-L1

Large Tray Hospital Size

10x17x1.5in
(260x430x40mm)



ST-S1

Small Tray Size

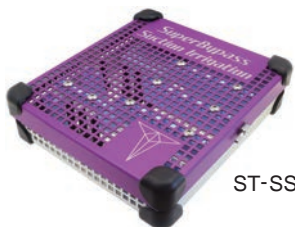
8.7x10x1.5in
(220x260x40mm)



ST-T1

Premium DBD Tray

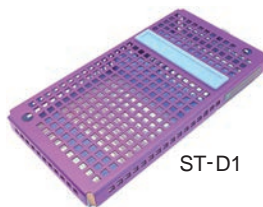
2.8x8.7x1.3in
(68x220x32mm)



ST-SS1

**Tray for SuperBypass
Suction Irrigation System**

Tray, Super Suction
(8.3x9.6x2in)



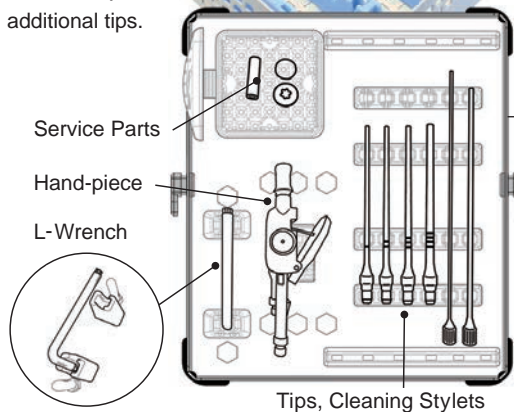
ST-D1

**Tray for Dilator,
Dissector, Tip**

9.7x5.0x1.1in
(246x127x28mm)



ST-D1 Tray for additional tips.



Tray for SuperBypass Suction Irrigation System

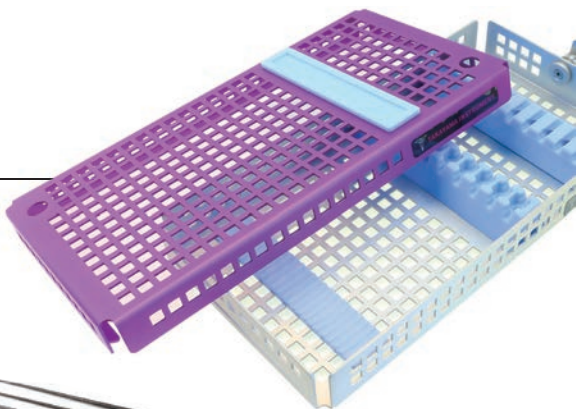
Tray, Super Suction (8.3 x 9.6 x 2in)

ST-SS1 Tray can store SuperBypass Suction Irrigation system Starter KIT (SSTi-SET1, SSTi-SET1L, SSTi-SET-MY22, SSTi-SET-MY22L) module secure.

*L-Wrench is not required for the MiNi.

Tray for Dilator, Dissector, Tip

9.7x5.0x1.1in (246x127x28mm)



The tray accommodate up to 10 instruments.



Forceps selector chart

Forceps selector chart

	<i>Super Bypass</i> Classic	<i>Super Bypass</i> TITAN	Kamiyma Premium (KP)	Kamiyma Classic
Well weight balance	●		●	●
Light weight balance		●		
No magnetic		●	●	●
Platform	●	●	●	
Jeweler Pinpoint touch			●	●
Crossover free	●	●	●	



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K-805	K	P.11
K-806	K	P.8
K-807	K	P.8
K-808	K	P.11
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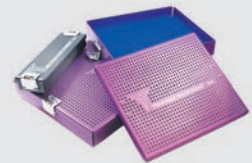
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