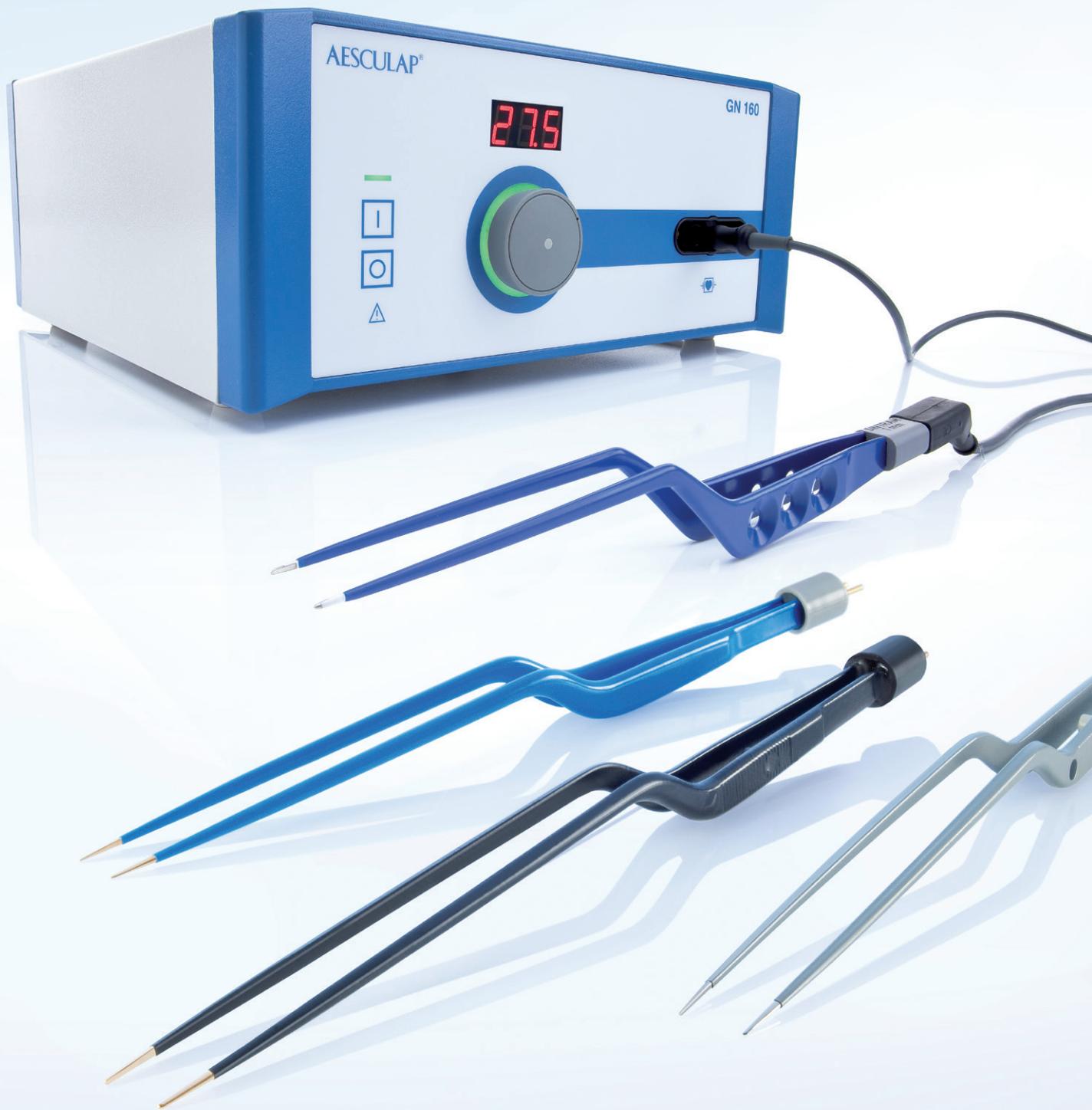


# Instruments and Devices for Bipolar Surgery



Aesculap Neurosurgery

AESCLAP®



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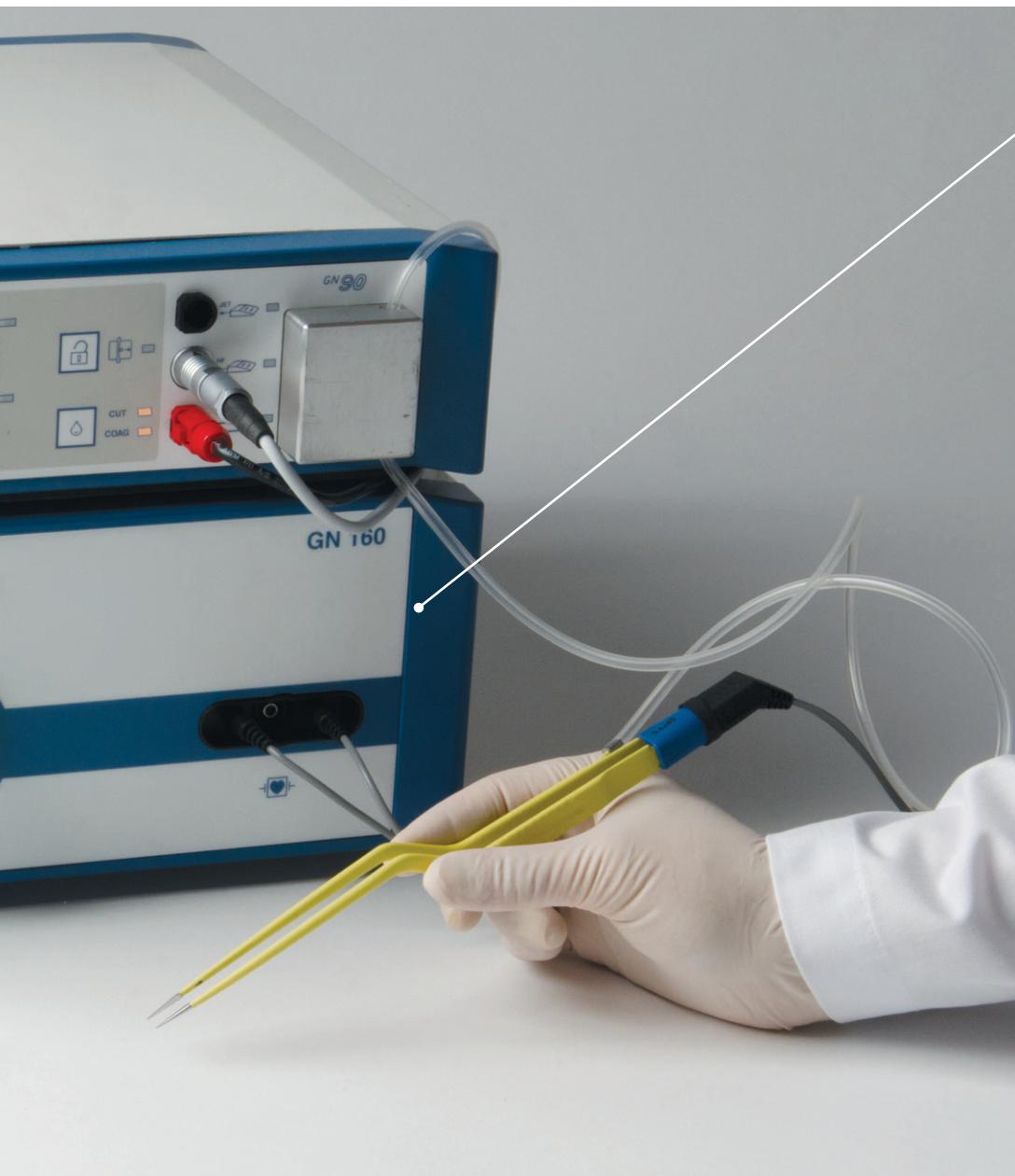
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# System Overview

## JET Irrigation Unit

- For use with Bipolar Unit GN160
- Precise adjustment of drop size and flow rate
- Reduced overheating and tissue necrosis at the coagulation point
- Flushes surgical site for improved visualization



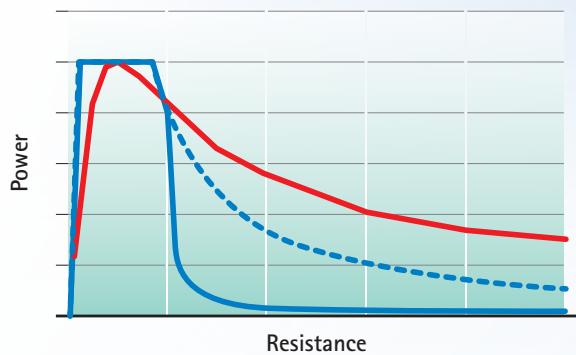


## Bipolar HF Coagulation Unit

- Utilizes the latest in electrosurgical technology. Current and flow are measured in real time to effectively reduce sparks
- Easy operation through a single control knob
- Precise coagulation through the use of two power ranges:
  - Micro power range: 0.1 to 9.9 watts, adjustable in 0.1 watt steps
  - Macro power range: 1 to 50 watts, adjustable in 1 watt increments
- Coagulation available in both watts and malis units

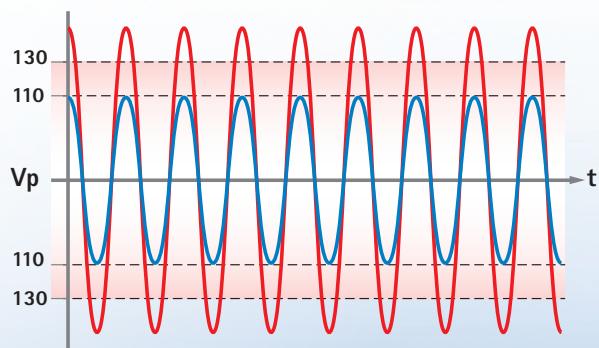
# Bipolar Generator GN160

## Non-Stick Technology



— GN160 (Standard Mode)  
— Active power reduction  
— Conventional generator GN060 (Standard Mode)

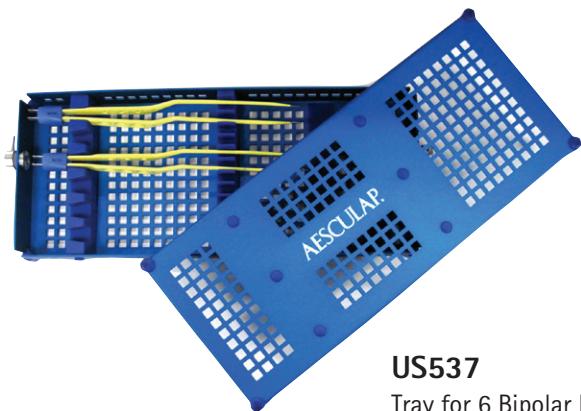
The Aesculap GN160 Generator actively reduces the power when necessary to prevent carbonization and sticking of the tissue.



Micro sparks are one cause of sticking. They can occur at a voltage of 130 Vp and higher. The new bipolar generator works at a max. voltage of 110 Vp (in Standard Mode), and therefore prevents the occurrence of micro sparks.



## Equipment and Accessories



**US537**  
Tray for 6 Bipolar Forceps

**GN160**  
Bipolar Generator  
**US735** Power Cord

**GN090**  
Jet Irrigation Unit  
**GN093** Pressure Cuff  
**US735** Power Cord  
**GN090830** Connection Cable

**GN161**  
Round Foot Control

**GN330**  
Bipolar Equipment Cart  
**PV951R** Equipment Basket sold separately



**MD676**  
Tray for 10 Bipolar Forceps (up to 9" long)

# Equipment and Accessories

Aesculap cords use 4 mm Banana-plugs and can be used with other companies' generators featuring this connection.

Aesculap offers multiple cords to accommodate the forceps you are using.

		Forceps Plug	
		Dual Pin (Flat and Round Plugs)	Round (Most common in the US)
Bipolar Only	Disposable	US349SP (Pack of 10)	—
	Reusable	US359	US351
Tubing Only	Disposable	GN094 (Pack of 10) Can be combined with any cord	
Combined Bipolar and Irrigation (disposable)	For All Other Irrigation Systems	US352 (Pack of 10)	US353 (Pack of 10)
	For Malis 1000 Irrigation System Only	US355 (Pack of 10)	US356 (Pack of 10)

Landolt Forceps	
Reusable Cord for Non-Insulated Landolt Forceps: US400	
Reusable Cord for Insulated Landolt Forceps: GK195	
Adapter (for GK195)	Pin Distance
GN219	32 mm (Conmed)
GN224	38 mm (Codman)

**GN090830** Connection Cable Between GN160 and GN090

**US334** Stylet for irrigating bipolar (Pack of 5)

## Tip Size Reference Chart

0.2 mm		0.8 mm	
0.25 mm		0.9 mm	
0.4 mm		1.0 mm	
0.5 mm		1.3 mm	
0.6 mm		1.5 mm	
0.7 mm		2.0 mm	

Aesculap Flat Plug

Aesculap Small Round Pin

Round Pin

Dual Pin

### DISPOSABLE

Equipment Side	Instrument Side	Connector	Item No.	Pin Distance	Description
			US349SP	N/A	Pack of 10
			US352	N/A	Combined Bipolar and Irrigation Pack of 10
			US353	N/A	Combined Bipolar and Irrigation Pack of 10
			US355	N/A	Combined Bipolar and Irrigation Pack of 10 for Malis 1000 System
			US356	N/A	Combined Bipolar and Irrigation Pack of 10 for Malis 1000 System

### REUSABLE

Equipment Side	Instrument Side	Connector	Item No.	Pin Distance	Description
			US359	N/A	
			US351	N/A	

# Non-Irrigating Forceps



- Stainless Steel, Titanium, and Non-Stick styles
- YASARGIL® styles with increased spring tension for tissue spreading and dissection
- A variety of patterns, lengths and tip sizes
- Specialty forceps available for specific electrosurgery needs

## YASARGIL® Style Forceps

### Stainless Steel, Insulated

- High precision, tissue preserving preparation instrument
- Stronger tension of the forceps allows for blunt spreading of tissue



GK675R

Round Small Connector				
Working length	1 1/2"	3 1/8"	4"	4 3/4"
Total length	6 1/4"	8"	8 3/4"	9 1/2"
0.6 mm	GK660R	GK670R	GK675R	GK677R
0.9 mm	—	GK671R	—	GK679R



GK775R

Flat Plug Connector							
Working length	3/4"	1 1/4"	2 1/4"	3"	3 3/4"	4 1/2"	5 1/4"
Total length	5 1/2"	6"	7"	7 3/4"	8 1/2"	9 1/4"	10"
0.4 mm	GK746R	GK760R	GK764R	GK768R	GK772R	GK788R	—
0.7 mm	GK747R	GK761R	GK765R	GK769R	GK773R	GK789R	GK793R
1.0 mm	GK748R	GK762R	GK766R	GK770R	GK774R	GK790R	—
1.3 mm	GK749R	GK763R	GK767R	GK771R	GK775R	GK791R	—

# Non-Irrigating Forceps

## YASARGIL® Style Forceps Stainless Steel, Insulated



GK777R



GK780R



GK785R

Non-Irrigating Forceps

### Flat Plug Connector

	GK777R	GK780R	GK781R	GK785R
Tips	0.7 mm 45° up	0.4 mm 90° up	0.7 mm 90° up	0.7 mm 90° down
Working length	3 <sup>3</sup> / <sub>4</sub> "			
Total length	8 <sup>1</sup> / <sub>2</sub> "			

## BiProtect® Forceps

### Ceramic Insulated Tip, Insulated

- Ceramic tip insulation helps ensure that heat concentrates on the inner and distal part of the forceps
  - Less collateral damage and reduced thermal spread
  - Partially insulated tip allows for precise and safe surface coagulation



Flat Plug Connector				
	GL470R	GL471R	GL480R	GL481R
<b>Tips</b>	0.4 mm	0.8 mm	0.4 mm	0.8 mm
<b>Working length</b>	3½"	3½"	4½"	4½"
<b>Total length</b>	7½"	7½"	8½"	8½"

# Non-Irrigating Forceps

## Bayonet Forceps Rose Gold, Insulated

- Rose Gold plated tips reduce tissue adhesion



Non-Stick Rose Gold forceps

The Rose Gold forceps enable heat to be quickly discharged away from the tip.



Standard forceps

The heat cannot be discharged fast enough. This leads to overheating and sticking of tissue.



### Round Connector

	Hardy	Cushing	Scoville	Hardy	Hardy	Hardy
Working length	2"	3½"	3"	4½"	5"	6"
Total length	6"	7½"	7¾"	8½"	9"	10"
0.5 mm	<b>US403</b>	<b>US600</b>	<b>US605</b>	<b>US610</b>	<b>US615</b>	<b>US530</b>
0.7 mm	<b>US404</b>	<b>US601</b>	<b>US606</b>	<b>US611</b>	<b>US616</b>	<b>US620</b>
1.0 mm	<b>US405</b>	<b>US602</b>	<b>US607</b>	<b>US612</b>	<b>US617</b>	<b>US621</b>
1.5 mm	<b>US406</b>	<b>US603</b>	<b>US608</b>	<b>US613</b>	<b>US618</b>	<b>US173</b>
2.0 mm	<b>US407</b>	<b>US604</b>	<b>US609</b>	<b>US614</b>	<b>US619</b>	<b>US531</b>

## Bayonet Forceps

### Stainless Steel, Insulated



Round Connector					
	Scoville	Gerald	Cushing	Hardy	
<b>Working length</b>	2 <sup>3</sup> / <sub>4</sub> "	3 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>2</sub> "	4 <sup>1</sup> / <sub>2</sub> "	6"
<b>Total length</b>	7 <sup>3</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>2</sub> "	7 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>2</sub> "	10"
Tip 0.5 mm	—	—	—	US310	US187
0.7 mm	—	—	US308	US536	—
1.0 mm	US534	US342	US182	US184	US188
1.5 mm	US301	—	US183	US185	US189
2.0 mm	—	—	US305	US186	—

## Bayonet Forceps

### Stainless Steel, Non-Insulated



Round Connector			
	Scoville	Gerald	Hardy
<b>Working length</b>	2 <sup>3</sup> / <sub>4</sub> "	3 <sup>1</sup> / <sub>2</sub> "	4 <sup>1</sup> / <sub>2</sub> "
<b>Total length</b>	7 <sup>3</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>2</sub> "
Tip 0.5 mm	—	—	US309
1.0 mm	—	US307	—
1.5 mm	US300	—	—

# Non-Irrigating Forceps

## Strong Tension, Bayonet Forceps

Stainless Steel, Non-Insulated

- Stronger tension allows for blunt spreading of tissue



Round Connector			
Working length	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>4</sub> "	4"
Total length	6 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>8</sub> "	7 <sup>7</sup> / <sub>8</sub> "
0.5 mm	US314	US318	US322
0.7 mm	US315	US319	US323
1.0 mm	US316	US320	US324
1.3 mm	US317	US321	US325

## Casper Style Forceps

### Stainless Steel, Insulated

- Developed for precision neurosurgery with a special focus on spine surgery
- Parallel guiding handle for exact tip alignment



Flat Plug Connector			
Working length	2 <sup>3</sup> / <sub>4</sub> "	4"	5"
Total length	6 <sup>1</sup> / <sub>2</sub> "	7 <sup>3</sup> / <sub>4</sub> "	8 <sup>3</sup> / <sub>4</sub> "
0.2 mm	GK899R	GK929R	GK959R
0.5 mm	GK900R	GK930R	GK960R
1.0 mm	GK910R	GK940R	GK970R
2.0 mm	GK920R	GK950R	GK980R



Flat Plug Connector				
	GK972R	GK974R	GK976R	GK978R
Working length	5"	5"	4 <sup>3</sup> / <sub>4</sub> "	4 <sup>3</sup> / <sub>4</sub> "
Total length	8 <sup>3</sup> / <sub>4</sub> "	8 <sup>3</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>2</sub> "
Tip	1.0 mm 45° up	1.0 mm 45° down	1.0 mm 90° up	1.0 mm 90° down

# Non-Irrigating Forceps

## Sintram, Bayonet Forceps Precious Metal, Insulated

- Precious metal reduces tissue adhesion



GK644R

Flat Plug Connector			
	GK644R	GK645R	GK646R
Working length	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	4"
Total length	6 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>4</sub> "	8"
Tip	0.7 mm	1.0 mm	1.0 mm



GK615R

Flat Plug Connector			
	GK614R	GK615R	GK616R
Working length	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	4"
Total length	6 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>4</sub> "	7 <sup>7</sup> / <sub>8</sub> "
Tip	0.7 x 23 mm	1.0 x 23 mm	1.0 x 23 mm

## Sintram, Straight Forceps Precious Metal, Insulated



GK605R



GK624R

Flat Plug Connector					
	GK604R	GK605R	GK606R	GK624R	GK625R
Total length	6 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>4</sub> "	7 <sup>7</sup> / <sub>8</sub> "	6 <sup>1</sup> / <sub>4</sub> "	7 <sup>7</sup> / <sub>8</sub> "
Tip	0.9 x 23 mm	0.9 x 23 mm	0.9 x 23 mm	angled 35° 0.9 x 23 mm	angled 35° 0.8 x 23 mm

# Non-Irrigating Forceps

## Bayonet Forceps Titanium, Non-Insulated



Round Connector					
	US331	US332	US330	US333	US175
<b>Working length</b>	3 <sup>3</sup> / <sub>4</sub> "				
<b>Total length</b>	8 <sup>3</sup> / <sub>4</sub> "				
<b>Tip</b>	0.5 mm	1.0 mm	1.5 mm	0.5 mm up	0.5 mm down

## Bayonet Forceps Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion



Round Connector					
	US161	US162	US163	US164	US165
<b>Working length</b>	3 <sup>3</sup> / <sub>4</sub> "				
<b>Total length</b>	8 <sup>3</sup> / <sub>4</sub> "				
<b>Tip</b>	0.5 mm	1.0 mm	1.5 mm	0.5 mm up	0.5 mm down

## Microform Forceps

### Rose Gold, Insulated

- Microform, 3-hole handle design provides a good grip for precise handling
- Gold-plated tips reduce tissue adhesion



Round Connector						
Working length	1 3/8"	2 3/8"	3"	3 3/4"	4 1/2"	5 1/2"
Total length	6"	7"	7 3/4"	8 1/2"	9 1/4"	10 1/4"
0.5 mm	US526	US570	US574	US578	US582	US586
0.7 mm	US527	US571	US575	US579	US583	US587
1.0 mm	US528	US572	US576	US580	US584	US588
1.3 mm	US529	US573	US577	US581	US585	US589

## Reverse Action Forceps

### Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion



Round Connector		
	US547	US548
Tip	0.7 mm	1.0 mm
Working length	6"	6"
Total length	10"	10"

# Non-Irrigating Forceps

## Minimally Invasive (MIS) Forceps

Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion



US545



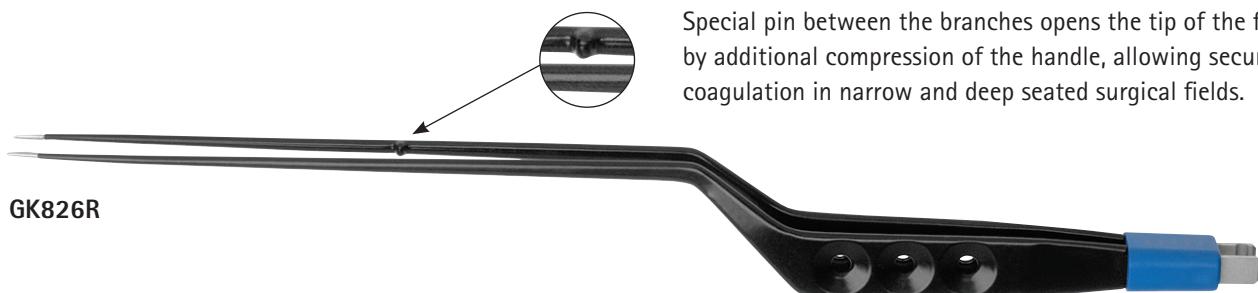
US541

Round Connector						
	US541	US542	US545	US543	US544	US546
<b>Tips</b>	0.7 mm	1.2 mm	0.7 mm 45° up	0.7 mm	1.2 mm	0.7 mm 45° up
<b>Working length</b>	5 1/4"	5 1/4"	5 1/4"	6 1/4"	6 1/4"	6 1/4"
<b>Total length</b>	9 1/2"	9 1/2"	9 1/2"	10 1/2"	10 1/2"	10 1/2"

## Transnasal Forceps Stainless Steel



Flat Plug Connector		
	GK719R	GK826R
Working length	5"	5¼"
Total length	8½"	10"
Tip	1.0 mm	0.7 mm



Special pin between the branches opens the tip of the forceps by additional compression of the handle, allowing secure coagulation in narrow and deep seated surgical fields.

# Non-Irrigating Forceps

## Round Handle, Straight Forceps

Titanium, Non-Insulated



US326



US328



US329

Round Connector				
	US326	US327	US328	US329
Total length	6"	6"	7 1/8"	7 1/8"
Tip	0.5 mm	0.5 mm curved	0.5 mm	0.5 mm curved

## Round Handle, Straight Forceps

Stainless Steel, Non-Insulated



US345

Round Connector				
	US345	US346	US347	US348
Total length	6"	6"	7 1/8"	7 1/8"
Tip	0.7 mm	0.7 mm curved	0.7 mm	0.7 mm curved

## Straight Forceps

### Stainless Steel, Insulated



Flat Plug Connector					
	GK700R	GK701R	GK703R	GK711R	GK713R
Total length	6 1/4"	6 1/4"	7 7/8"	6 1/4"	7 7/8"
Tip	0.6 mm	0.9 mm	0.9 mm	0.9 mm angled	0.9 mm angled

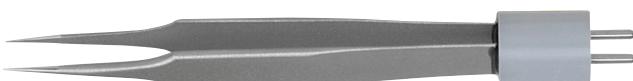


Round Small Connector					
	GK720R	GK722R	GK723R	GK730R	GK690R
Total length	6 1/4"	6 1/4"	6 1/4"	8"	4 3/4"
Tip	0.6 mm	0.9 mm	0.9 mm angled	0.9 mm	0.4 mm

# Non-Irrigating Forceps

## Straight Forceps

Stainless Steel, Insulated and Non-Insulated



US335



US338



US336



US340

### Round Connector

	Jewelers	Tenzel	Adson
Total length	4"	4"	4"
Tip	0.4 mm curved	0.4 mm curved	1.0 mm
Non-Insulated	US335	US336	US338
Insulated	US337	US159	US178
			US340



US344



US304



US341

### Round Connector

	Semkin		Cushing		Gerald
Total length	5½"	6"	6"	7"	7"
Tip	0.7 mm	1.5 mm	0.7 mm	1.5 mm	1.0 mm
Non-Insulated	US311	US196	US302	US303	US306
Insulated	US179	US344	US197	US304	US341

## Straight Forceps

### Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion



US172



US171



US413

#### Round Connector

	Jewelers	Adson	Semkin
Total Length	4"	5"	6"
Tip	0.4 mm	1.0 mm	1.5 mm
	US172	US171	US413

## Straight Forceps

### Titanium, Non-Insulated



US177

#### Round Connector

Total length	6"
Tip 0.25 mm	US176
0.5 mm	US177

# Non-Irrigating Forceps

## Micro and Laboratory Forceps Stainless Steel, Insulated



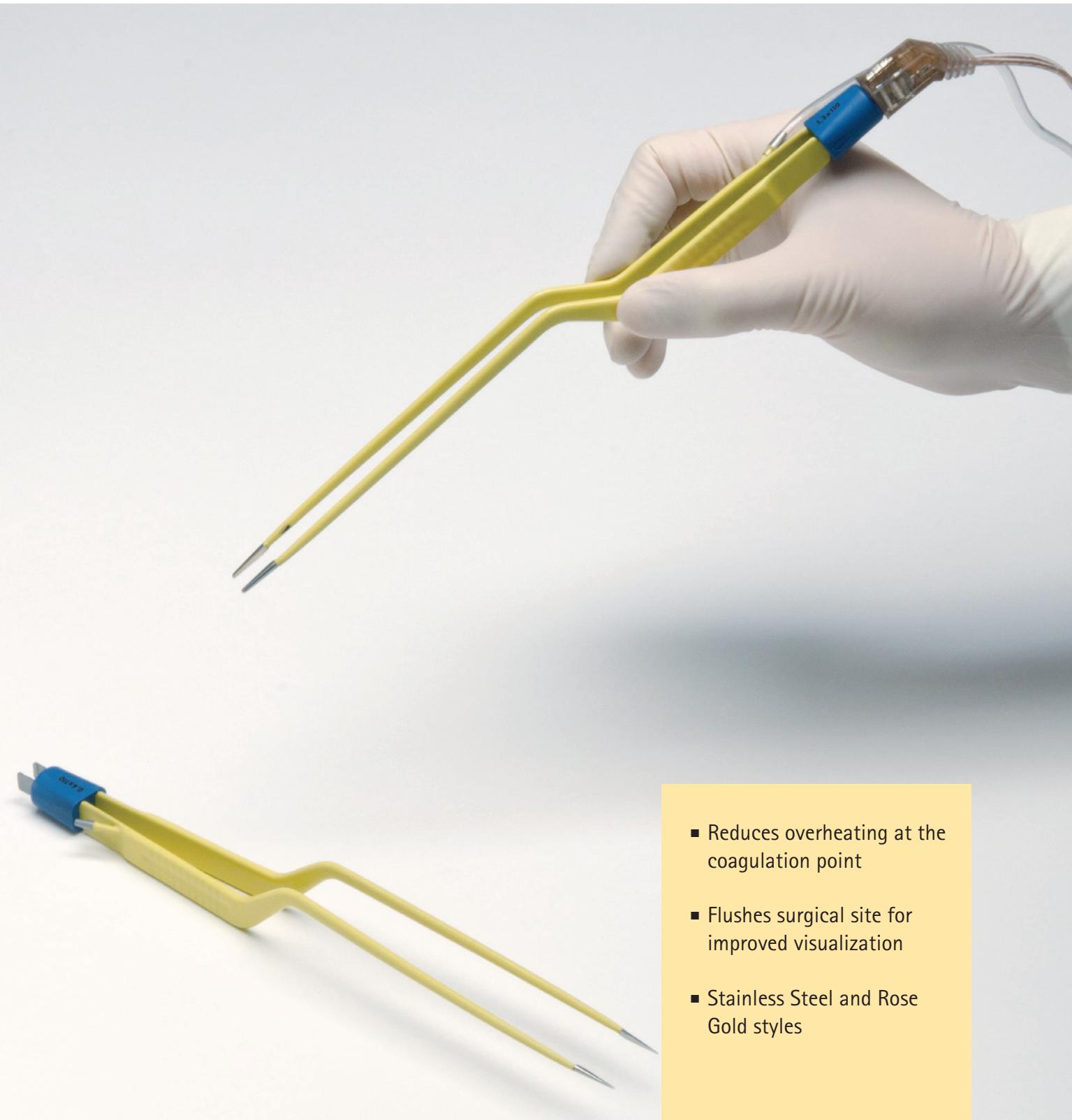
GK595R

### Flat Plug Connector

	GK595R	GK596R	GK597R
Total length	4 <sup>3</sup> / <sub>4</sub> "	5 <sup>5</sup> / <sub>8</sub> "	4 <sup>3</sup> / <sub>8</sub> "
Tip	0.6 mm	0.3 mm	0.6 mm Curved



# Irrigating Forceps



- Reduces overheating at the coagulation point
- Flushes surgical site for improved visualization
- Stainless Steel and Rose Gold styles

## Bayonet Forceps

### Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion



Round Connector					
Working length	3"	3½"	4½"	5"	6"
Total length	7¾"	7½"	8½"	9"	10"
0.5 mm	US627	US622	US632	US637	US532
0.7 mm	US628	US623	US633	US638	US642
1.0 mm	US629	US624	US634	US639	US643
1.5 mm	US630	US625	US635	US640	US174
2.0 mm	US631	US626	US636	US641	US533

## Bayonet Forceps

### Stainless Steel, Insulated



Round Connector					
Working length	Scoville	Gerald	Cushing	Hardy	
	2¾"	3½"	3½"	4½"	6"
Total length	7¾"	7½"	7½"	8½"	10"
Tip 0.5	—	—	—	US366	US193
0.7	—	—	US369	—	—
1.0	—	US368	US190	US382	US194
1.5	US367	—	US191	US385	US195
2.0	—	—	US370	US192	—

# Irrigating Forceps

## Bayonet Forceps

Stainless Steel, Non-Insulated



US556

Round Connector			
	US556 Scoville	US557 Gerald	US558 Hardy
Tip	1.5 mm	1.0 mm	0.5 mm
Working length	2 3/4"	3 1/2"	4 1/2"
Total length	7 3/4"	7 1/2"	8 1/2"

## Bayonet Forceps

Stainless Steel, Insulated



GK840R

Flat Plug Connector				
Working length	2"	2 3/4"	3 1/2"	4 1/2"
Total length	6 1/4"	7"	8"	9"
0.4 mm	—	GK840R	GK843R	GK846R
0.7 mm	GK838R	GK841R	GK844R	GK847R
1.3 mm	—	GK842R	GK845R	GK848R

## Bayonet Forceps Titanium, Insulated



Round Connector					
	US361	US362	US360	US363	US372
<b>Working length</b>	3 <sup>3</sup> / <sub>4</sub> "				
<b>Total length</b>	8 <sup>3</sup> / <sub>4</sub> "				
<b>Tip</b>	0.5 mm	1.0 mm	1.5 mm	0.5 mm angled up	0.5 mm angled down

## Bayonet Forceps Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion



Round Connector					
	US166	US167	US168	US169	US170
<b>Working length</b>	3 <sup>3</sup> / <sub>4</sub> "				
<b>Total length</b>	8 <sup>3</sup> / <sub>4</sub> "				
<b>Tip</b>	0.5 mm	1.0 mm	1.5 mm	0.5 mm angled up	0.5 mm angled down

# Disposable Forceps



- Single-use bipolar forceps
- Eliminates issues with reprocessing
- Available in Rose Gold to reduce tissue adhesion
- 12' detachable cord

## Disposable Bayonet with 12' Cord Stainless Steel, Insulated

- Packaged in boxes of 10 forceps



Round Connector						
	Cushing Bayonet	Cushing Bayonet	Scoville Bayonet	Gerald Bayonet	Hardy Bayonet	Adson Straight
<b>Working length</b>	2 $\frac{3}{4}$ "	3 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	—
<b>Total length</b>	7 $\frac{3}{4}$ "	7 $\frac{1}{2}$ "	7 $\frac{3}{4}$ "	7 $\frac{1}{2}$ "	8 $\frac{1}{2}$ "	5"
<b>Tip</b> 0.5 mm	—	—	—	—	<b>US154SU</b>	—
0.7 mm	—	<b>US562SU</b>	—	—	—	—
1.0 mm	—	—	—	<b>US560SU</b>	<b>US155SU</b>	<b>US158SU</b>
1.5 mm	—	—	<b>US153SU</b>	—	<b>US156SU</b>	—
2.0 mm	<b>US567SU</b>	—	—	—	<b>US157SU</b>	—

## Disposable Bayonet with 12' Cord Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion
- Packaged in boxes of 5 forceps



Round Connector			
	Cushing Bayonet	Cushing Bayonet	Hardy Bayonet
<b>Working length</b>	2 $\frac{3}{4}$ "	3 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "
<b>Total length</b>	7 $\frac{3}{4}$ "	7 $\frac{1}{2}$ "	8 $\frac{1}{2}$ "
<b>Tip</b> 0.5 mm	—	<b>US201SU</b>	<b>US204SU</b>
0.7 mm	—	<b>US561SU</b>	<b>US563SU</b>
1.0 mm	—	<b>US202SU</b>	<b>US205SU</b>
1.5 mm	<b>US559SU</b>	<b>US203SU</b>	<b>US206SU</b>
2.0 mm		<b>US566SU</b>	<b>US564SU</b>

# Disposable Forceps

## Disposable Irrigating Rose Gold, Insulated

- Packaged in boxes of 5 forceps
- Disposable cord sold separately



Round Connector						
	Hardy US414SU	Hardy US415SU	Hardy US416SU	Hardy US410SU	Hardy US411SU	Hardy US412SU
Tip	0.5 mm	1.0 mm	1.5 mm	0.5 mm	1.0 mm	1.5 mm
Working length	3.5"	3.5"	3.5"	4.5"	4.5"	4.5"
Total length	7½"	7½"	7½"	8½"	8½"	8½"

## Disposable Irrigating Stainless Steel, Insulated

- Packaged in boxes of 5 forceps
- Disposable cord sold separately



Round Connector						
	Hardy US513SU	Hardy US514SU	Hardy US515SU	Hardy US523SU	Hardy US524SU	Hardy US525SU
Tip	0.5 mm	1.0 mm	1.5 mm	0.5 mm	1.5 mm	2.0 mm
Working length	3.5"	3.5"	3.5"	4.5"	4.5"	4.5"
Total length	7½"	7½"	7½"	8½"	8½"	8½"

## **Disposable Jewelers with 12' Cord**

### **Stainless Steel, Insulated and Non-Insulated**

- Packaged in boxes of 10 forceps



**US569SU**

Round Connector		
	Non-Insulated <b>US568SU</b>	Insulated <b>US569SU</b>
Total length	4"	4"
Tip	0.4 mm	0.4 mm

## **Disposable Straight with 12' Cord**

### **Rose Gold, Insulated**

- Packaged in boxes of 5 forceps



**US408SU**



**US409SU**

Round Connector		
	Jewelers <b>US408SU</b>	Adson <b>US409SU</b>
Total length	4"	5"
Tip	0.4 mm	1.0 mm

# Disposable Forceps

## Disposable Semkin with 12' Cord Rose Gold, Insulated

- Gold-plated tips reduce tissue adhesion
- Packaged in boxes of 5 forceps



US565SU

Round Connector	
	US565SU
Total Length	5½"
Tip	0.7 mm

## **Disposable Specialty with 12' Cord Non-Stick, Insulated**

- Packaged in boxes of 5 forceps

US801SU



Item No.	Tip Size	Working Length	Length
US801SU	0.5 mm	2"	7"
US802SU	1.0 mm	2"	7"
US803SU	1.5 mm	2"	7"
US804SU	0.5 mm	3"	8"
US805SU	1.0 mm	3"	8"
US806SU	1.5 mm	3"	8"
US807SU	0.5 mm	4"	9"
US808SU	1.0 mm	4"	9"
US809SU	1.5 mm	4"	9"

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# Indications for Use

## Indications for Use

**GN160:** Aesculap's bipolar coagulator (GN160) is intended for use in surgery to generate electrical power for bipolar instruments. Bipolar coagulators are used in Neurosurgery, ENT surgery, Urology, Laparoscopy, and Plastic Surgery.

**GN090:** Aesculap's Jet Irrigation System is designed for use with Aesculap's Bipolar Coagulator. The Jet Irrigation System delivers either precisely measured drip irrigation or a continuous jet stream of irrigation to the tip of Aesculap's Bipolar Irrigation Forceps. The use of drip irrigation serves to prevent overheating and tissue adherence during bipolar coagulation. Continuous "jet" irrigation provides a clearer visual field.

**Aesculap Electrosurgical Coagulating Forceps and Cords:**  
Aesculap's electrosurgical coagulating forceps are intended for use in cauterizing tissue during surgical procedures. Aesculap's electrosurgical cords are designed to bring electric power from the electrosurgical generator to the electrosurgical instrument.

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See Instructions for Use for additional information including Contraindications, Warnings and Precautions.  
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