



# Reusable Laparoscopic Instruments



**mindray**

# High quality

---



Safety



Ergonomic



Durable



# Automatic manufacture process

## CNC cutting

- Accuracy of 0.005mm;



01

02



## Vacuum heat treatment

- HRC hardness tolerance of  $\pm 1$ ;

## Laser welding

- Evenly welded;



03

04



## Spin riveting connecting

- Controllable riveting force;

## Assembling

- Meets the highest standards.




05

# Monopolar Dissecting Forceps

	
5mmX36cm	222-5Y301
10mmX36cm	222-0Y301
	











	Product	5 mm	10 mm	Length	Insert Code	222-550 (S)	222-551 (T)
   23mm	Straight Dissecting and Grasping Forceps, Atraumatic	•		36cm	222-5Y3043	222-5S3043	222-5T3043
   16mm	Kelly Dissecting and Grasping Forceps, Maryland	•		36cm	222-5Y3013	222-5S3013	222-5T3013
   22mm	Kelly Dissecting and Grasping Forceps, Long, Maryland	•		36cm	222-5Y3023	222-5S3023	222-5T3023
   43mm	Dissecting and Grasping Forceps, Atraumatic		•	36cm	222-0Y3103	222-0S3103	222-0T3103
   16mm	Dissecting and Grasping Forceps, Right-angled	•		36cm	222-5Y3123	222-5S3123	222-5T3123
   26mm	Dissecting and Grasping Forceps, Right-angled		•	36cm	222-0Y3133	222-0S3133	222-0T3133

# Monopolar Grasping Forceps

	Product	5 mm	10 mm	Length	Insert Code	222-550 (S)	222-551 (T)
   14mm	Manhes Grasping Forceps, "Tiger-jaws", 2x4 teeth	•		36cm	222-5Y3363	222-5S3363	222-5T3363











	
5mmX36cm	222-5Y301
10mmX36cm	222-0Y301
	

Product	5 mm	10 mm	Length	Insert Code	222-550 (S)	222-551 (T)
---------	------	-------	--------	-------------	-------------	-------------

   14mm	Grasping Forceps, 2x4 teeth	●		36cm	222-5Y3393	222-5S3393	222-5T3393
   21mm	Claw Forceps, 2x3 teeth, Short		●	36cm	222-0Y3403	222-0S3403	222-0T3403
   35mm	Claw Forceps, 2x3 teeth		●	36cm	222-0Y3413	222-0S3413	222-0T3413
   34mm	Sawalhe Tissue Grasping Forceps		●	36cm	222-0Y3423	222-0S3423	222-0T3423
   37mm	Bowel Grasper, Fenestrated	●		36cm	222-5Y3303	222-5S3303	222-5T3303
   24mm	Atraumatic Grasping Forceps	●		36cm	222-5Y3633	222-5S3633	222-5T3633
   18mm	Dissecting and Grasping Forceps, "Alligator jaws"	●		36cm	222-5Y3773	222-5S3773	222-5T3773
   28mm	Grasping Forceps, Atraumatic	●		36cm	222-5Y3333	222-5S3333	222-5T3333
   27mm	Croce-olmi Grasping Forceps, Atraumatic, Curved	●		36cm	222-5Y3453	222-5S3453	222-5T3453
   14mm	Manhes Dissecting and Grasping Forceps, "Duckbill"	●		36cm	222-5Y3283	222-5S3283	222-5T3283





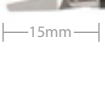

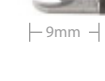
# Monopolar Grasping Forceps



	Product	5 mm	10 mm	Length	Insert Code	222-550 ( S )	222-551 ( T )
 └19mm┘	Grasping Forceps, Atraumatic, Spoon-shaped	●		36cm	222-5Y3223	222-5S3223	222-5T3223
 └13mm┘	Vancaillie Oviduct Forceps	●		36cm	222-5Y3583	222-5S3583	222-5T3583
 └15mm┘	Vancaillie Adhesion Forceps, One Jaw Fenestrated	●		36cm	222-5Y3493	222-5S3493	222-5T3493
 └18mm┘	Babcock Grasping Forceps	●		36cm	222-5Y3553	222-5S3553	222-5T3553
 └34mm┘	Babcock Grasping Forceps		●	36cm	222-0Y3573	222-0S3573	222-0T3573
 └18mm┘	Bowel Grasper, Fenestrated, Short	●		36cm	222-5Y3213	222-5S3213	222-5T3213
 └26mm┘	Grasping forceps, w specially fine atraumatic serration	●		36cm	222-5Y3473	222-5S3473	222-5T3473
 └15mm┘	Manhes Biopsy Forceps	●		36cm	222-5Y3903	222-5S3903	222-5T3903
 └32mm┘	Spoon Forceps		●	36cm	222-0Y4883	222-0S4883	222-0T4883
 └31mm┘	Debakey Grasping Forceps, Curved and Slender Jaws	●		36cm	222-5Y3813	222-5S3813	222-5T3813



# Monopolar Scissors

	
5mmX36cm	222-5Y301
10mmX36cm	222-0Y301
	

	Product	5 mm	10 mm	Length	Insert Code	222-550 (S)	222-551 (T)
   20mm	Scissors, Spoon-shaped Blades, Serrated,Curved	•		36cm	222-5Y3012	222-5S3012	
   15mm	METZENBAUM Scissors, curved	•		36cm	222-5Y3022	222-5S3022	
   15mm	METZENBAUM Scissors, curved	•		43cm	222-5Y4022	222-5S4022	
   15mm	Scissors, straight	•		36cm	222-5Y3092	222-5S3092	
   15mm	Scissors, straight	•		43cm	222-5Y4092	222-5S4092	
   9mm	Hook Scissors, jaws not crossing	•		36cm	222-5Y3072	222-5S3072	
   9mm	Hook Scissors, jaws not crossing	•		43cm	222-5Y4072	222-5S4072	
















# Bipolar Dissecting Forceps



	Product	5 mm	10 mm	Length	Code
	Bipolar Curved Maryland Dissecting Forceps	●		33cm	222-53111
	Bipolar Straight Dissecting Forceps	●		33cm	222-53121



# Needle Holder

	Product	5 mm	10 mm	Length	Code	
	V Handle Straight Needle Holder	•		33cm	221-56416	
	V Handle Left Curved Needle Holder	•		33cm	221-56426	
	V Handle Straight Needle Holder	•		33cm	221-56616	
	V Handle Left Curved Needle Holder	•		33cm	221-56626	
	V Handle Right Curved Needle Holder	•		33cm	221-56636	
	V Handle Reposition Needle Holder	•		33cm	221-56646	
	Pistol Handle Straight Needle Holder	•		33cm	221-56716	
	Pistol Handle Left Curved Needle Holder	•		33cm	221-56726	
	Pistol Handle Right Curved Needle Holder	•		33cm	221-56736	
	Pistol Handle Needle Holder with Reposition Function	•		33cm	221-56746	

# Endo Clip Applier

	Product	5 mm	10 mm	Length	Code
	Endo Applier for Small Titanium Clip, Single action	●		33cm	221-55116
	Endo Applier for Medium Titanium Clip, Single action		●	33cm	221-05126
	Endo Applier for Medium Large Titanium Clip, Single action		●	33cm	221-05136
	Endo Applier for Large Titanium Clip, Single action		●	33cm	221-05146











# Open Surgery Applier












Product	Length	Code
Open Surgery Applier for Small Titanium Clip	18cm	221-01516
Open Surgery Applier for Small Titanium Clip	28cm	221-00516
Open Surgery Applier for Medium Titanium Clip	23cm	221-01526
Open Surgery Applier for Medium Titanium Clip	28cm	221-00526
Open Surgery Applier for Medium Large Titanium Clip	28cm	221-00536
Open Surgery Applier for Large Titanium Clip	28cm	221-00546



# Trocar

	Product	Code	Description
	Pyramidal Magnetic Trocar	221-51115	Ø5x95mm
	Pyramidal Magnetic Trocar	221-01115	Ø10x95mm
	Pyramidal Trocar	221-51125	Ø5x95mm
	Pyramidal Trocar	221-01125	Ø10x95mm
	Pyramidal Trocar	221-81125	Ø12x95mm
	Magnetic Auto Shield Trocar	221-51215	Ø5x95mm
	Magnetic Auto Shield Trocar	221-01215	Ø10x95mm
	Auto Shield Trocar	221-51225	Ø5x95mm
	Auto Shield Trocar	221-01225	Ø10x95mm
	Auto Shield Trocar	221-81225	Ø12x95mm
	Magnetic Auto Shield Trocar with Screw	221-51235	Ø5x95mm
	Magnetic Auto Shield Trocar with Screw	221-01235	Ø10x95mm
	Pyramidal Magnetic Trocar with Screw	221-51135	Ø5x95mm
	Pyramidal Magnetic Trocar with Screw	221-01135	Ø10x95mm
	Auto shield Trocar with Screw	221-51245	Ø5x95mm
	Auto shield Trocar with Screw	221-01245	Ø10x95mm
	Auto shield Trocar with Screw	221-81245	Ø12x95mm
	Pyramidal Trocar with Screw	221-51145	Ø5x95mm
	Pyramidal Trocar with Screw	221-01145	Ø10x95mm
	Pyramidal Trocar with Screw	221-81145	Ø12x95mm

# Trocar Reducer

	Product	Code	Description
	Trocar Reducer	221-01715	Φ10-Φ5x20mm
	Trocar Reducer	221-01725	Φ10-Φ5x30mm
	Trocar Reducer	221-01735	Φ10-Φ5x50mm
	Trocar Reducer	221-01745	Φ10-Φ5x60mm
	Trocar Reducer	221-01755	Φ10-Φ5x95mm
	Mount-on Reducer	221-01815	Φ10-Φ5
	Cross Sealing Cap	221-01915	Φ10
	Cross Sealing Cap	221-51915	Φ5
	Sealing Cap	221-01925	Φ10
	Sealing Cap	221-51925	Φ5
	Sealing Cap	221-01935	Φ10-Φ5

# Veress Needle



	Product	Code	Description
	Veress Needle	221-20127	Φ2.0x120mm
	Veress Needle	221-20147	Φ2.0x140mm
	Veress Needle	221-25127	Φ2.5x120mm
	Veress Needle	221-25147	Φ2.5x140mm

# Monopolar Electrode





	Product	Code	Description
	Hook Tip Coagulation Electrode	222-51110	Φ5x330mm
	Ball Tip Coagulation Electrode	222-51220	Φ5x330mm
	Spatula Tip Coagulation Electrode	222-51440	Φ5x330mm
	Scalpal Tip Coagulation Electrode	222-52540	Φ5x330mm
	Rod Tip Coagulation Electrode	222-51610	Φ5x330mm




# Instruments with Metal Handle

## Cholangiography Forceps



	Product	Code	Description	
	Cholangiography Forceps	221-55213	Φ5x330mm	

## Bile Duct Knife & Dissecting Forceps

	Product	Code	Description	
	10mm Five Fans Dissecting Forceps	221-05913	Φ10x330mm	
	5mm Three Fans Dissecting Forceps	221-55913	Φ5x330mm	

# Suction & Irrigation tube



Product	Code	Description
Suction & Irrigation Apparatus	221-55124	Φ5/Φ10x330mm

# Cables



Product	Code
Monopolar Cable	999-030



Product	Code
Bipolar Cable	999-016



## Globally experienced, locally accessible

Mindray is one of the leading global providers of medical devices and solutions. Firmly committed to our mission of sharing medical technologies with the world, we are dedicated to innovation in the fields of Patient Monitoring & Life Support, In-Vitro Diagnostics, and Medical Imaging. The 1 Solution capitalizes on Mindray's broad product portfolio and offers hospitals a holistic and systemic solution to improve the overall efficiency and quality of care particularly in three key clinical areas: emergency care, peri-operative care, and critical care.

Headquartered in Shenzhen, China, and listed on the New York Stock Exchange, Mindray possesses a sound distribution and service network with subsidiaries in 18 countries in North and Latin America, Europe, Africa and Asia-Pacific. While improving the quality of care, we help in reducing its cost, making it more accessible to a larger part of humanity.

Since its foundation in 1991, Mindray's development has been driven by innovation. Mindray has built up a global R&D network with research centers in Seattle, New Jersey, Miami, Stockholm, Shenzhen, Beijing, Nanjing, Chengdu, Xi'an and Shanghai.

Today, Mindray's products and services can be found in healthcare facilities in over 190 countries and regions. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation, bringing healthcare within reach.



Management System  
ISO 9001:2008  
EN ISO 13485:2012

www.tuv.com  
ID 0000056358

# TECNOIMAGEN

[www.tecnoimagen.com.ar](http://www.tecnoimagen.com.ar) | 0810 333 8273