



# Biopsy forceps

Quality and ergonomics perfectly combined.



The disposable biopsy forceps from GAOTOTEC stand out due to their high quality and ergonomic design. These features enable an easy and safe removal of tissue samples or polyps. Thanks to the first class manufacture, the biopsy forceps can be inserted very smoothly into the working channel and can be controlled precisely even with sharply angled endoscopes. The extra sharp jaws can be closed accurately and thus ensure a clean cut with minimal effort.

The extensive range offers the perfect solution for each application: whether with spike or without, with smooth or serrated jaws, with coating or without.

## Special features


- High-quality materials and manufacturing
- Simple and precise to use
- Sharp cutting edge for diagnostically conclusive biopsies
- Full closure of the cutting edges
- Special scissor design conserves the working channel
- Extensive product range

## Ergonomic handle for optimum control.

For the precise control of the jaw each biopsy forceps possess an ergonomically designed handle. It is particularly comfortable to hold, what makes the work easy and relaxed. Even the smallest rotation or movement of the handle is passed exactly on the jaw part so that this is controlled absolutely reliable.



	Model	Diameter of jaws (mm)	Length (mm)
	<b>Uncoated without spike</b>		
	ATE-QYQ-A-18x1050	1.8	1,050
	ATE-QYQ-A-18x1200	1.8	1,200
	ATE-QYQ-A-18x1600	1.8	1,600
	ATE-QYQ-A-23x1600	2.3	1,600
	ATE-QYQ-A-23x1800	2.3	1,800
	ATE-QYQ-A-23x2300	2.3	2,300
	<b>Uncoated with spike</b>		
	ATE-QYQ-B-23x1600	2.3	1,600
	ATE-QYQ-B-23x1800	2.3	1,800
	ATE-QYQ-B-23x2300	2.3	2,300
	<b>Coated without spike</b>		
	ATE-QYQ-C-18x1050	1.8	1,050
	ATE-QYQ-C-18x1200	1.8	1,200
	ATE-QYQ-C-18x1600	1.8	1,600
	ATE-QYQ-C-23x1600	2.3	1,600
	ATE-QYQ-C-23x1800	2.3	1,800
	ATE-QYQ-C-23x2300	2.3	2,300
	<b>Coated with spike</b>		
	ATE-QYQ-D-23x1600	2.3	1,600
	ATE-QYQ-D-23x1800	2.3	1,800
	ATE-QYQ-D-23x2300	2.3	2,300
	<b>With alligator uncoated without spike</b>		
	ATE-QYQ-E-23x1600	2.3	1,600
	ATE-QYQ-E-23x1800	2.3	1,800
	ATE-QYQ-E-23x2300	2.3	2,300
	<b>With alligator uncoated with spike</b>		
	ATE-QYQ-F-23x1600	2.3	1,600
	ATE-QYQ-F-23x1800	2.3	1,800
	ATE-QYQ-F-23x2300	2.3	2,300
	<b>With alligator coated without spike</b>		
	ATE-QYQ-G-23x1600	2.3	1,600
	ATE-QYQ-G-23x1800	2.3	1,800
	ATE-QYQ-A-23x2300	2.3	2,300
	<b>With alligator coated with spike</b>		
	ATE-QYQ-B-23x1600	2.3	1,600
	ATE-QYQ-B-23x1800	2.3	1,800
	ATE-QYQ-B-23x2300	2.3	2,300



# Disposable grasping forceps

Everything in a safe grip.



For the safe capture and removal of foreign bodies, GAOTOTEC offers a range of reliable solutions: forceps, grasper and baskets.

Each instrument is made of high quality material and perfectly processed. For maximum grip the toothed forceps has two sharp hooks at the distal end. The graspers are equipped with smooth polished headboards to avoid injury to the patient or damage of the endoscope. The grasping baskets can also be used for the safe extraction of biliary stones. Their extraction basket consists of special steel that is particularly flexible and can be easily moved in and out.







## Special features

- Large opening angle or basket diameter to remove large foreign bodies
- Grasper and basket with quality PTFE covering
- Easy to insert even in complicated location
- Ergonomic handle for one-hand operation
- Excellent cost-performance ratio



## Efficient control by 3-ring handle.

The 3-ring handle combines several advantages. Thanks to its ergonomic design, the handle is extremely user-friendly and easy to operate with one hand. At the same time, it relays every movement and rotation exactly to the forceps, grasper or basket, what makes the intervention even safer.

	Model	Diameter of the outer tube (mm)	Length (mm)
	<b>Alligator teeth-shape</b>		
	ATE-YWQ-CXDZ-18x1600	1.8	1,600
	ATE-YWQ-CXDZ-23x2300	2.3	2,300
	<b>Three teeth-shape</b>		
	ATE-YWQ-3ZX-23x1600	2.3	1,600
	ATE-YWQ-3ZX-23x2300	2.3	2,300
	<b>Four teeth-shape</b>		
	ATE-YWQ-4ZX-23x1600	2.3	1,600
	ATE-YWQ-4ZX-23x2300	2.3	2,300
	<b>Five teeth-shape</b>		
	ATE-YWQ-5ZX-23x1600	2.3	1,600
	ATE-YWQ-5ZX-23x2300	2.3	2,300
	<b>Net-shape</b>		
	ATE-YWQ-TY-18x1600	1.8	1,600
	ATE-YWQ-TY-18x2300	1.8	2,300
	ATE-YWQ-TY-23x1600	2.3	1,600
	ATE-YWQ-TY-23x2300	2.3	2,300
	<b>Bevel-shape</b>		
	ATE-YWQ-ZJ-18x1600	1.8	1,600
	ATE-YWQ-ZJ-18x2300	1.8	2,300
	ATE-YWQ-ZJ-23x1600	2.3	1,600
	ATE-YWQ-ZJ-23x2300	2.3	2,300



# Injection needles

Precise puncture in all areas.



These disposable injection needles make sure you get the highest reliability at injections such as in endoscopic mucosal resection. The stainless steel needle with a XX° precision sharpening provides an optimal and easy puncture. The transparent PTFE-tube also enhances the rigidity, which optimizes the control of the needle once more. To prevent damage to the working channel, the needle is secured in the tube.

GAOTOTEC offers the injection needles in different lengths and with different diameters.


## Special features

- Needle with extremely sharp precision cut
- Handle with ergonomic design
- Safety lock for controlled needle handling
- Different needle lengths and diameters
- Stiff, transparent PTFE tube to prevent kinking



### User-friendly control handle with safety lock.

The slim and thus particularly ergonomic handle offers maximum control of the needle. The safety lock prevents an inadvertent motion of the needle while the insertion of the instrument. Damage on the working channel will be safely avoided.

	Model	Diameter of outer tube (mm)	Length (mm)	Needle diameter (mm)	Needle length (mm)
	<b>Injection needle</b>				
	ATE-ZSZ-18x1200x25x4	1.8	1200	25G	4
	ATE-ZSZ-18x1800x25x6	1.8	1800	25G	6
	ATE-ZSZ-23x1600x23x5	2.3	1600	23G	5
	ATE-ZSZ-23x2300x23x5	2.3	2300	23G	5



# Spray pipe

The solution for safe  
chromoendoscopy.



The staining of mucosa in the gastrointestinal tract contributes to an improved defining of details. Suspicious areas or tissue changes can be determined more reliable. The spray pipes of GA-OTOTEC help to apply the staining solution precisely.

The innovative spray tip ensures efficient application of the liquid - either as an all-over spray by fine nozzles or as a concentrated jet for precise staining.



## Special features

- High-quality manufacturing and kink resistant
- Easy to use and quick to deploy
- Smooth insertion of the catheter
- Efficient application of the solution through fine nozzles
- Two innovative spray heads available



### Safe and easy insertion.

The introduction of the spray pipe in the endoscope is easy and safe. Thanks to the kink-resistant material the catheter adapts at each turn of the endoscope. To use the staining solution the catheter is equipped with a Y-cannula.

	Model	Diameter of jaws (mm)	Length (mm)
	<b>Straight shape</b>		
	ATE-PSG-Z-10x500	1.0	500
	ATE-PSG-Z-10x1200	1.0	1,200
	ATE-PSG-Z-18x1200	1.8	1,200
	ATE-PSG-Z-18x1800	1.8	1,800
	ATE-PSG-Z-23x2300	2.3	2,300
	<b>Mist</b>		
	ATE-PSG-W-10x500	1.0	500
	ATE-PSG-W-10x1200	1.0	1,200
	ATE-PSG-W-18x1200	1.8	1,200
	ATE-PSG-W-18x1800	1.8	1,800
	ATE-PSG-W-23x2300	2.3	2,300