



GUBBINI

TONTARRA **Medizintechnik GmbH**
Surgical Instruments in Demand

Mini Hystero-Resectoscope
- The GUBBINI System -

Über uns | *About us*



Chirurgische Instrumente ‚Made by TONTARRA‘ stehen seit mehr als 40 Jahren für höchste Qualität und Präzision. Dieser Erfolg und den weltweit guten Ruf, den wir uns durch den hohen Standard unserer Produkte erworben haben, basieren auf Innovationskraft, Leistungsbereitschaft und dem kompromisslosen Bekenntnis zu unserer Tradition.

Die Anerkennung durch unsere Kunden und Partner im In- und Ausland waren und sind uns stets ein Ansporn neben dem Bewährten auch die Herausforderung für neue Problemlösungen zu suchen und sich ihnen erfolgreich zu stellen.

Voraussetzungen für die marktrechte Umsetzung von der ursprünglichen Idee zum medizintechnischen Präzisionsinstrumentarium sind unsere modernste Produktionsstätte, die Kreativität und das Engagement unserer Mitarbeiter sowie ein Produktionsstandort, der seit mehr als einem Jahrhundert synonym für innovative und patientenorientierte Medizintechnik steht.

For more than 40 years TONTARRA has been recognized as a leader in quality and precision manufacturing of surgical instruments by continually implementing the latest advances in technology and production.

This success and the international recognition of the surgical skillfulness and accomplishment of TONTARRA Medizintechnik GmbH are based on our proven commitment to medical innovation, mastery in manufacturing and not least a strong focus on our continuing tradition of excellence.

The confidence in our medical programs and surgical lines as expressed for more than 40 years by our international customers and partners are a driving force to face and meet new challenges in surgical instrumentation.

Indispensable ‘tools’ for maturing new ideas into surgical instruments of highest precision include our state-of-the-art manufacturing facility and production processes and especially the ingenuity and strong commitment of our entire team.



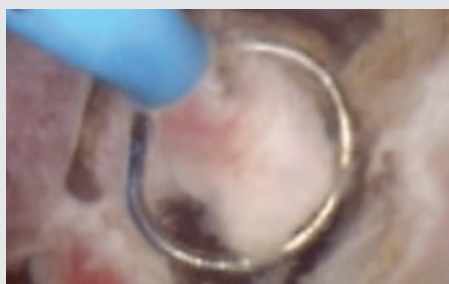
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Mini Hystero-Resectoscope System

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Introduction Dr. GUBBINI



Resectoscope System



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Round sheath



Quick Lock



Continuous flow



Function length



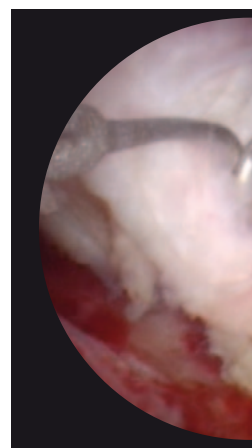
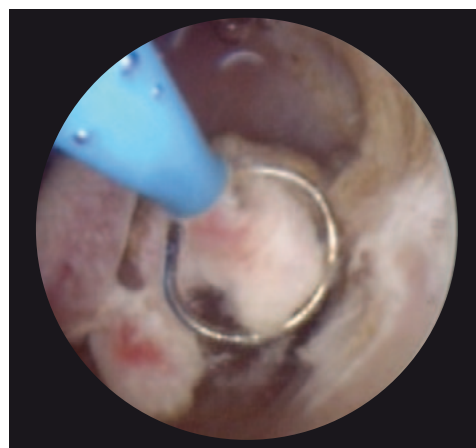
We reserve the right to technical modifications.



Recommended telescopes

Dr. Giampietro Gubbini

- 1947** Born on Feb. 13th, 1947 in Acqualanga, Italy
- 1972** University degree in Medical Science (M.D.) at the University of Bologna
- 1976** Specialist degree in Gynecology and Obstetrics from the University of Bologna
- 1976-1981** Worked as a specialist in Gynecology and Obstetrics at the University Hospital S. Orsola Malpighi, Bologna University. His work was mainly dedicated to the diagnosis and surgical management of gynecological pathologies.
- 1981-1991** Head Doctor of the Gynecologic Endoscopy Unit, Department of and Obstetrics at the University Hospital S. Orsola Malpighi, Bologna University.
- since 1991** Senior councillor of the Italian Society for Gynecological Endoscopy and Laser Therapy (S.I.E.L.G.)
- since 2001** Chairman of the commission for accreditation of the Society for Gynecological Endoscopy (SEGi) and Consultant gynecologic endoscopist in various public and private health institutions.
- 2009** Master Mind and developer of the 'Gubbini' Mini-Resectoscope
- at present** Member and head of the scientific commission of the Italian Society for Gynecological Endoscopy (SEGi).

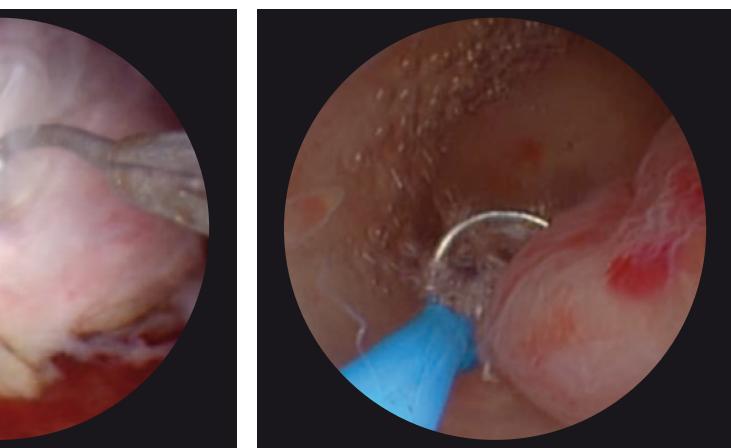


Extensive experience in:

Diagnostic Procedures and mini-invasive endoscopic surgical treatment of gynaecologic patients. Advanced hysteroscopic surgery in conservative management of various intra-uterine pathologies with more than 25.000 hysteroscopies in office setting and more than 6.500 Surgical hysteroscopic procedures

Scientific achievements / Publications:

- Associate professor and tutor of hysteroscopic surgery in numerous medical institutions
- Founder of 'ME-stop' centers for minimally-invasive treatment of Menorrhagia
- Member of the American Association of Gynecologic Laparoscopists (AAGL)
- Published more than 200 medical and scientific papers on sterility, oncology, obstetrics and gynecological endoscopy
- Creative force and developer of the 'Gubbini' Mini-Resectoscope
- Originating the medical classification of 'Uterine Dysmorphism'



Diagnostic and therapeutical applications as recommended and represented by Dr. GUBBINI

Medical indications:

Cervical Canal

- Endocervical polypectomy (upper, mid and lower third and ectocervical)
- Targeted biopsies from suspicious lesions of the endocervix
- Synechiolysis
- Hysteroplasty: surgical treatment of Isthmocele

Uterine Cavity

- Targeted biopsies from suspicious endometrial lesions
- Metroplasty
- Myomectomy
- Endometrial ablation
- Synechiolysis

Features and benefits:

- Reducing the diameter of the instrument from 26 Fr to merely 16 Fr decreases the cervical dilatation required thus reducing operating time and unnecessary tissue damage.
- By reducing the diameter of the shaft, the risk of intra- and post-operative complications is minimized.
- Using the 16 Fr-Miniresectoscope surgical treatment of the majority of intra-uterine pathologies, traditionally dealt with using the 26 or the Office 5 Fr-instrument one, is readily performed.
- The smaller diameter of the instrument offers to the surgeon more space enabling him/her to perform more manoeuvres than those available using the traditional resectoscope. A useful example is in surgical treatment of lesions situated in difficult positions.
- Hysteroscopic surgeon, used to perform interventions with the classical 26 Fr resectoscope and traditional 5 Fr instruments in office setting, will not need to acquire new surgical techniques to use the new Miniresectoscope.

The 16 Fr. Mini-Resectoscope with continuous flow and optional 5 Fr. working channel provides the possibility of a rapid and gentle endoscopic therapy for a wide range of endo-uterine diseases. By way of introducing miniature loops which are shaped ideally to the given anatomical proportions, the strain to female patients could be clearly reduced. The miniature loops are presently offered in two different patterns – with and without high frequency current for coagulation. The loop without HF current is typically used for blunt preparation.

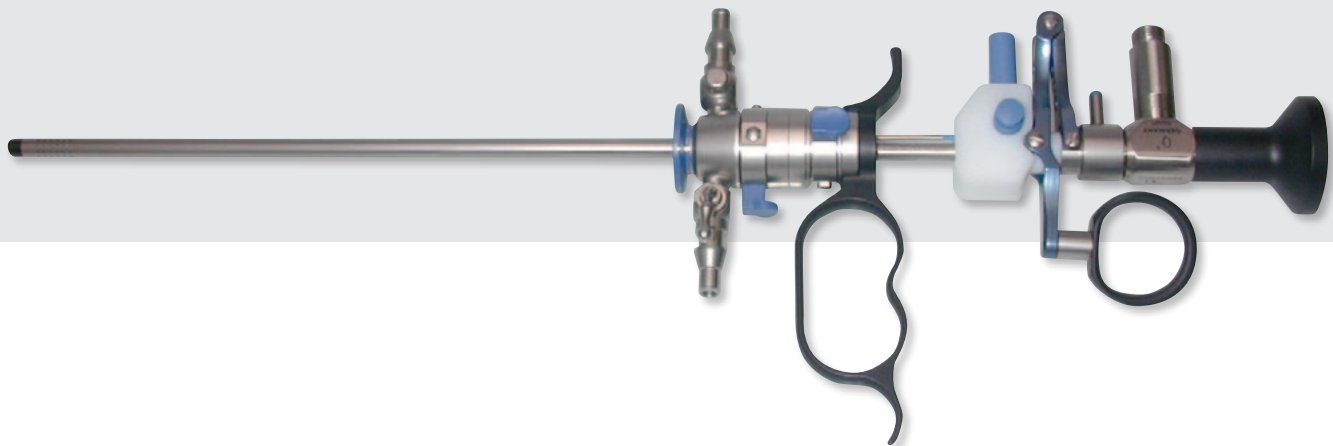


Advantages of the Mini Hystero-Resectoscope

Manufactured and designed by Tontarra developed in close co-operation with Dr. Gubbini

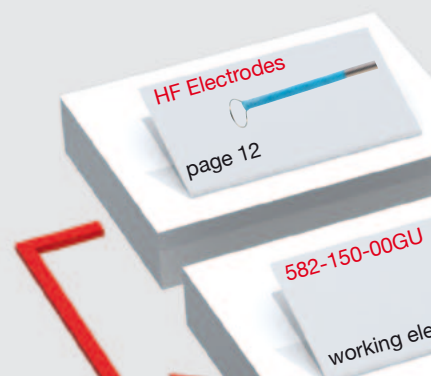
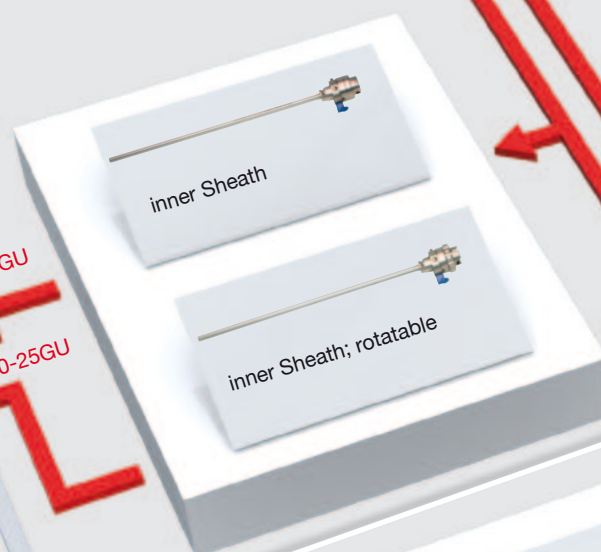
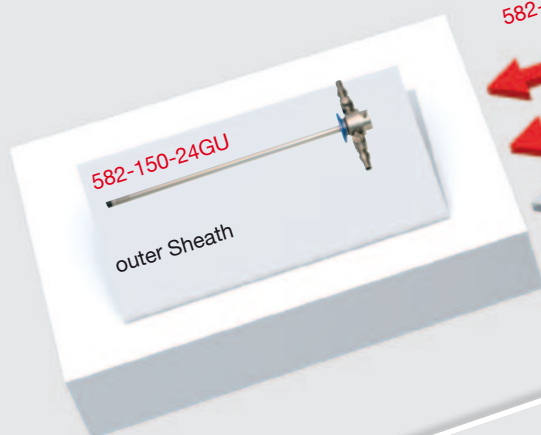
The Gubbini Mini Hystero-Resectoscope offers a multitude of options for non-invasive diagnostic and therapeutical Gynecology. The Gubbini Mini Hystero-Resectoscope System allows both, hysteroscopy and resectoscopy. Reduced diameter of the shaft.

- Distal ceramic is placed at the outer tube
- Resectoscopy treatment to be used easily in outpatient care „Quick Lock“ connecting System for inner – outer sheath interface
- Quick Lock connecting System for sheath – working element interface
- Electrode can be placed atop the telescope thus allowing a better view
- Processing of high-sophisticated materials like Titanium in the manufacture of the resectoscope
- Additional telescope bridge available with 5 Fr. working channel
- A variety of HF- and preparation electrodes are available
- Specially designed electrodes are essential to help lowering the risk for most gynecological applications
- Optimized continuous flow rate for a much clearer endoscopic visibility



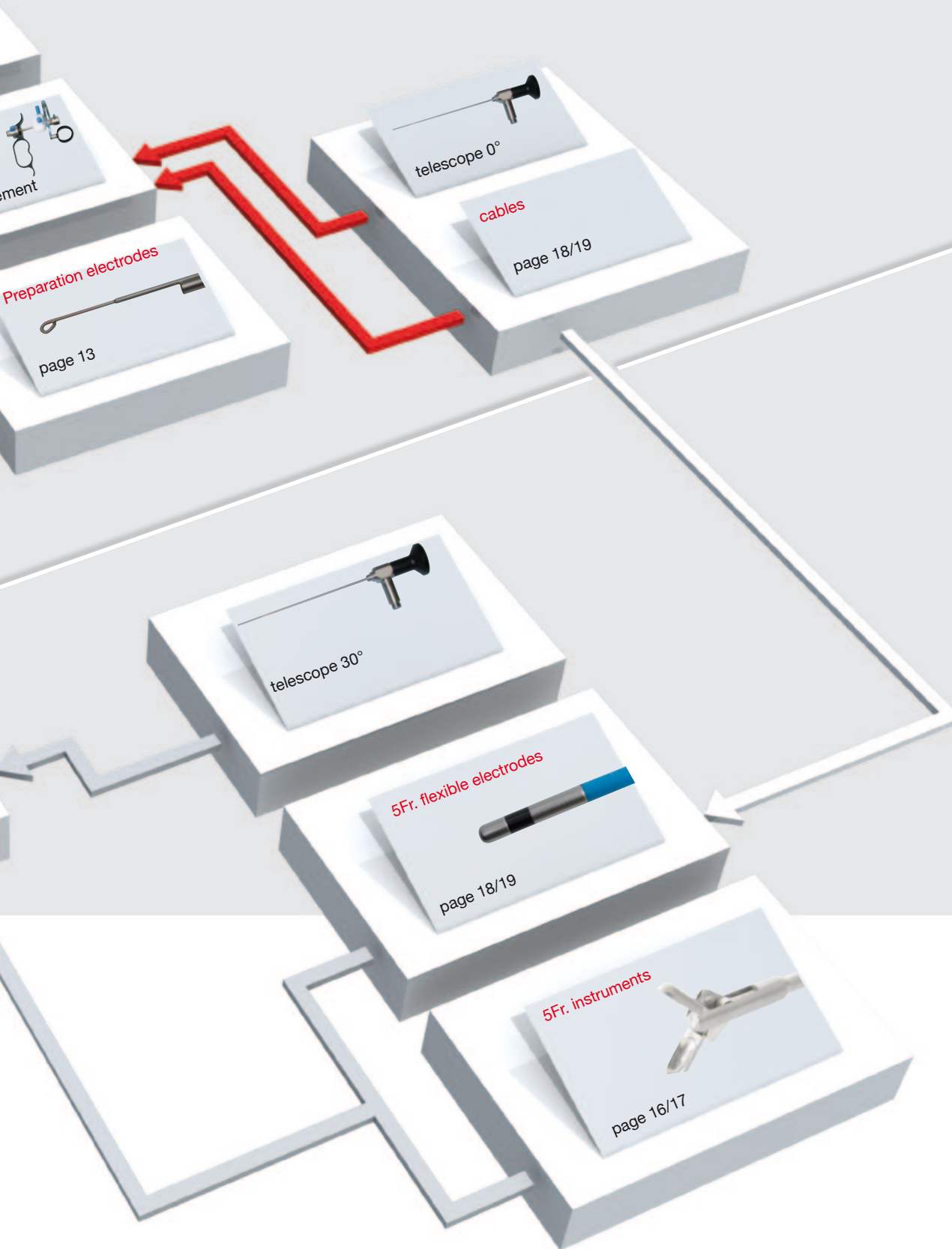
GUBBINI; overview

Resectoscope System



Hysteroscope System

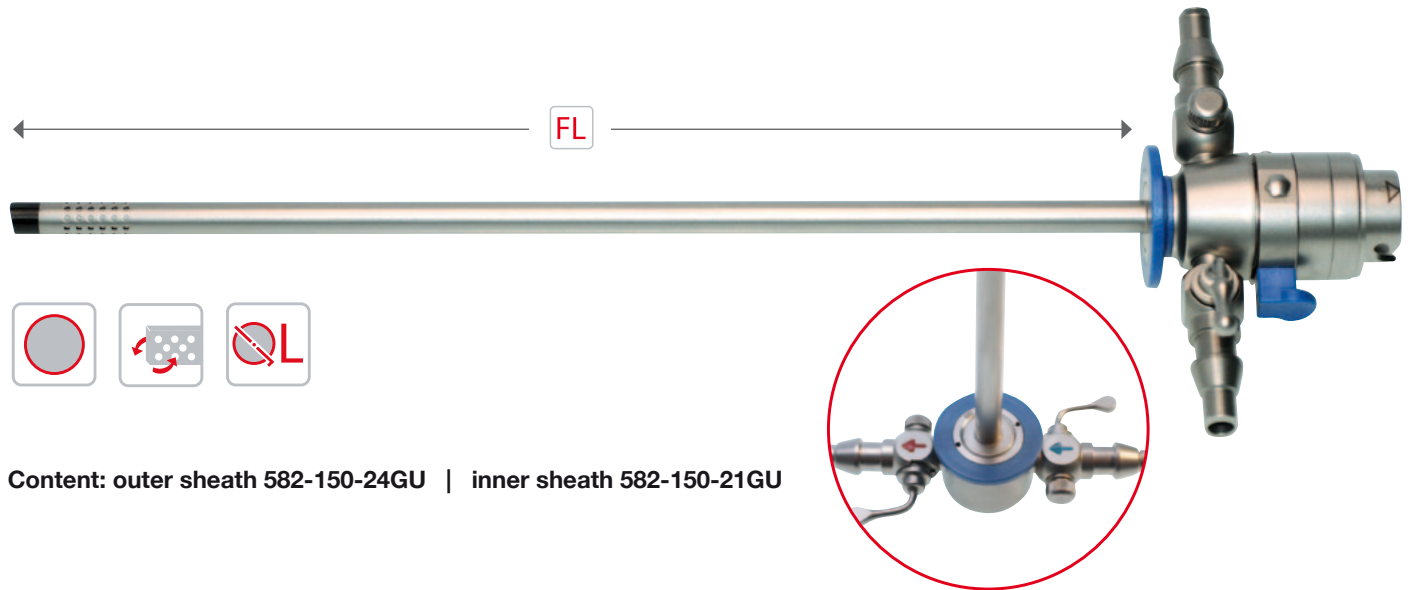




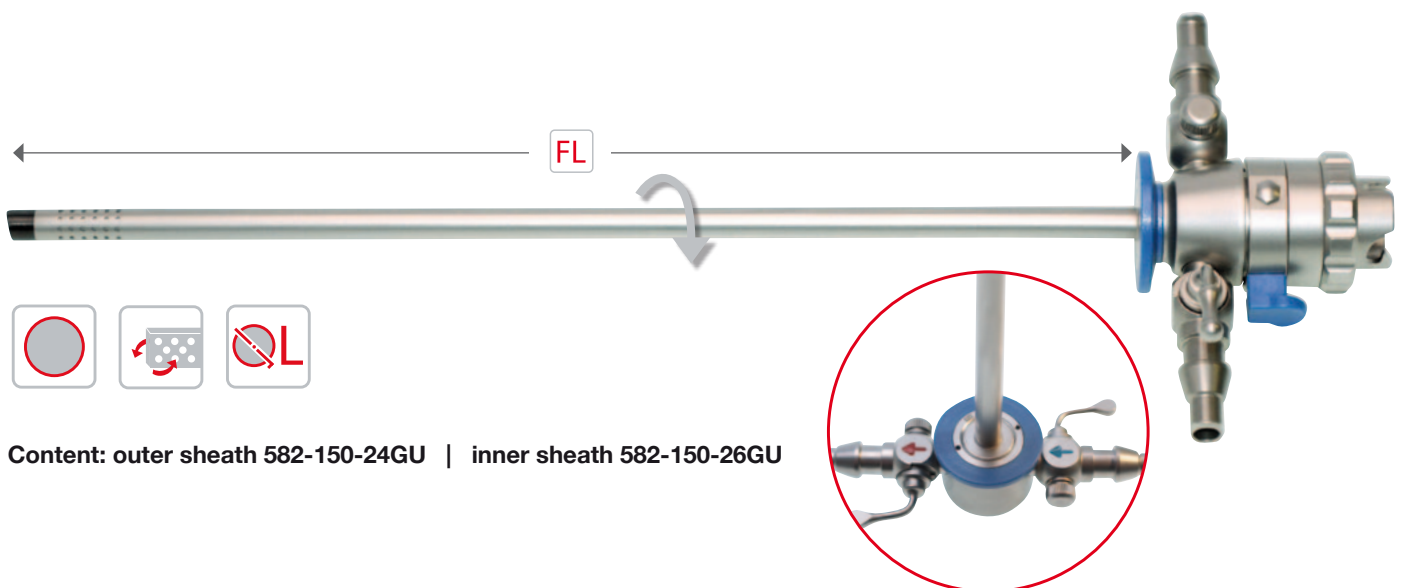


Mini Hystero- / Resectoscope sheath 16 Fr

Art.Nr.	Description	Size	Spez.
582-150-20GU	continuous flow sheath; all around perforation colored inflow/outflow sign	16 Fr./ 5,4 mm 194 mm	FL

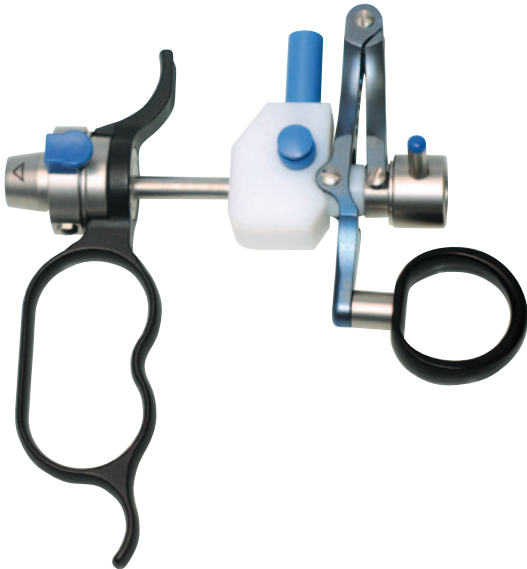


582-150-25GU	continuous flow sheath; all around perforation; rotatable colored inflow/outflow sign	16 Fr./ 5,4 mm 194 mm	FL
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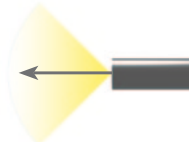


Mini Hystero- / **Resectoscope** for Ø 2,9 telescopes

Art.Nr.	Description	Size	Spez.
582-150-00GU	working element passive; closed handle for Ø 2,9 mm; 0° telescope with titanium hinge graduated		 601-103-09



601-103-09	HD telescope autoclavable	Ø 2,9 mm; 300 mm	0°
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HF connection cables please see page 18/19 | Telescopes please see page 20

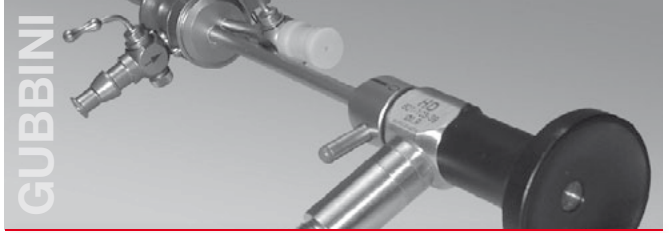


Resectoscope System 16 Fr.
HF Electrodes for use with working element 582-150-00GU

Art.Nr.	Description	Size	Spez.
			
582-150-40GU	HF loop electrode size 1; small; angled for 0° telescope		
582-150-41GU	HF loop electrode size 2; large; 90° angled for 0° telescope		
582-150-42GU	HF ball electrode angled for 0° telescope		
582-150-43GU	HF knife electrode 90° angled for 0° telescope		
582-150-44GU	HF loop electrode straight for 0° telescope		

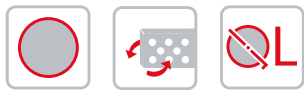
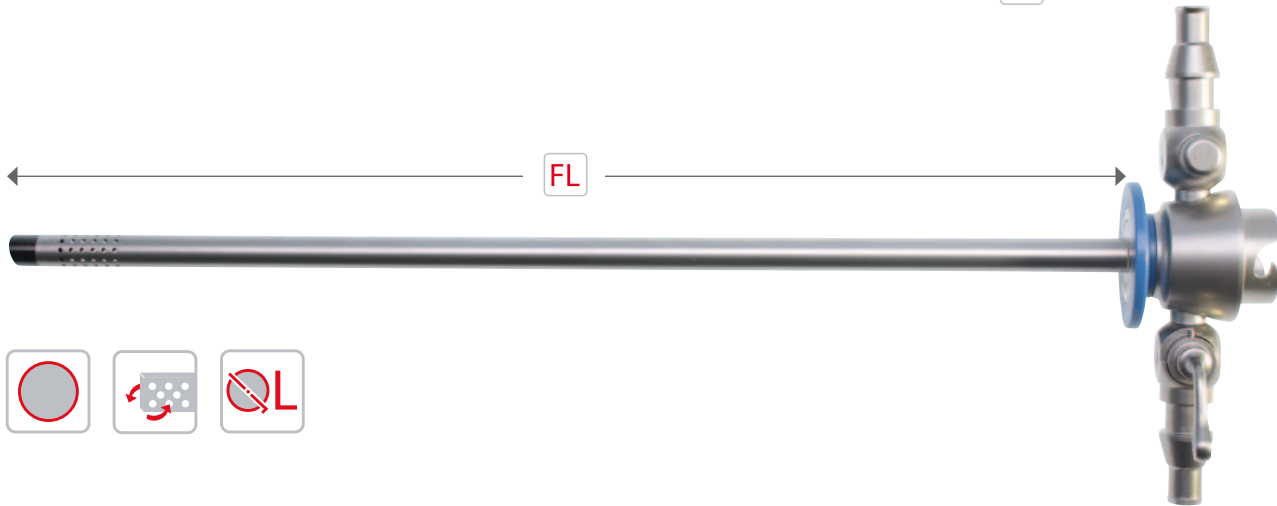
Resectoscope System 16 Fr.
Preparation Electrodes non HF connection for use with working element 582-150-00GU

Art.Nr.	Description	Size	Spez.
			
582-150-45GU	J-Hook preparation electrode; small; non HF		
582-150-46GU	J-Hook preparation electrode; medium; non HF		
582-150-47GU	circular preparation electrode; non HF		
582-150-48GU	lancet preparation electrode 45°; non HF		
582-150-49GU	spatula preparation electrode; non HF		



Mini **Hystero-** / Resectoscope sheath 16 Fr

Art.Nr.	Description	Size	Spez.
582-150-24GU	outer sheath; all around perforation	16 Fr./ 5,4 mm 194 mm	



582-150-39GU	working sheath with instrument channel for Ø 2,9 mm; 30° telescope
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5 Fr.*



601-103-39



HF connection cables please see page 18/19 | Telescopes please see page 20

499-199-00	sealing cap for instrument channel
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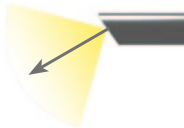
499-198-00	sealing cap for instrument channel
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* Channel

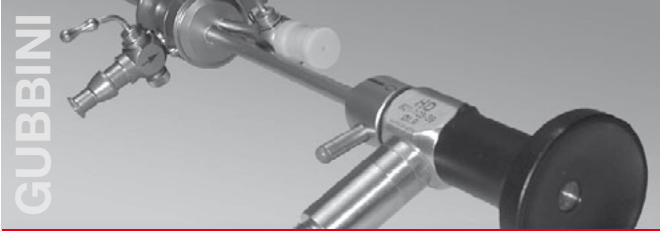
Mini **Hystero-** / Resectoscope for Ø 2,9 telescopes

Art.Nr.	Description	Size	Spez.
601-103-39	HD telescope autoclavable	Ø 2,9 mm; 300 mm	30°

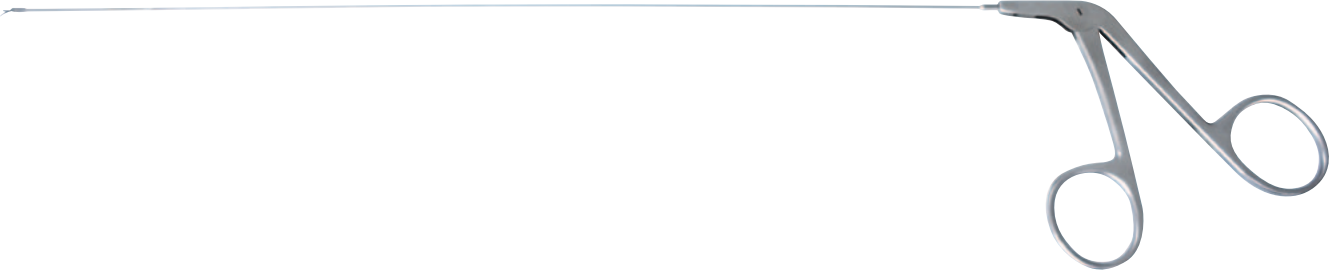


complete instrument





Hysteroscope System Semi-rigid instruments

Art.Nr.	Description		Size	Spez.
				
	biopsy and grasping forceps; semi-rigid; double action			
583-256-16	5Fr.	340 mm		
	scissors; blunt; semi-rigid; single action			
583-228-16	5Fr.	340 mm		
	scissors; pointed; semi-rigid; single action			
583-229-16	5Fr.	340 mm		

Art.Nr.	Description	Size	Spez.
	cutting punch; semi-rigid; double action		

583-258-16 5Fr. 340 mm



	biopsy forceps; semi-rigid; double action		
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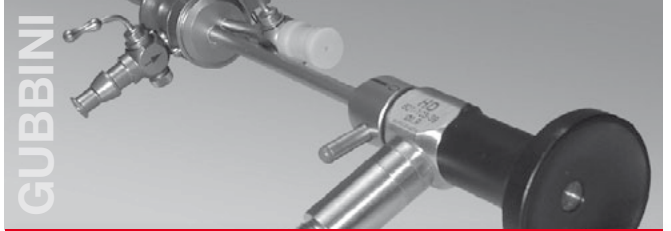
583-214-16 5Fr. 340 mm



	myoma fixation instrument		
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583-280-00 5Fr. 340 mm





Hysteroscope System

Flexible electrodes; monopolar



Art.Nr.	Description		Size	Spez.
582-510-05	button electrode; flexible; monopolar	FL	360 mm	5Fr.



582-511-05	needle electrode; flexible; monopolar	FL	360 mm	5Fr.
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582-514-05	loop electrode; flexible; monopolar	FL	360 mm	5Fr.
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HF monopolar connection cable for working elements and flexible monopolar electrodes

		Instrument side	HF Unit side
582-530-01	HF cable for Martin, Berchtold units	3 m	Ø 4 mm; shielded
582-531-02	HF cable for Erbe, Storz units	3 m	Ø 5 mm
582-532-03	HF cable for Valleylab units	3 m	Ø 8 mm
582-533-04	HF cable for Ø 4 mm connection units	3 m	Ø 4 mm

Hysteroscope System

Flexible electrodes; bipolar



Art.Nr.	Description		Size	Spez.
582-515-05	button electrode; flexible; bipolar		360 mm	5Fr.



582-516-05	needle electrode; flexible; bipolar		360 mm	5Fr.
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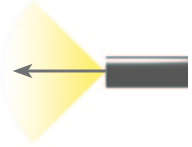
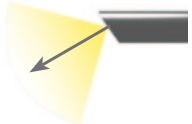


HF bipolar connection cable for flexible bipolar electrodes

		Instrument side	HF Unit side	
bipolar cable for flat-plug				
287-200-30	Erbe ICC/ACC, Storz		3,0 m	
287-200-50	Erbe ICC/ACC, Storz		5,0 m	
287-205-30	Berchtold; Martin		3,0 m	
287-205-50	Berchtold; Martin		5,0 m	
287-210-30	US-Models; 2-pins		3,0 m	
287-210-50	US-Models; 2-pins		5,0 m	
287-215-30	international Models; 2-pins		3,0 m	
287-215-50	international Models; 2-pins		5,0 m	



Telescopes for gynecology Ø 2,9 mm

Art.Nr.	Description	Size	Spez.
			
601-103-09	HD telescope autoclavable	Ø 2,9 mm; 300 mm	0°
			
601-103-39	HD telescope autoclavable	Ø 2,9 mm; 300 mm	30°
			

Tontarra Telescopes are designed in particular for the demand and needs of diagnostic and therapeutic procedures for all endoscopic surgeries. Premium multi-coated optical systems ensuring high-quality imaging by allowing excellent optical transmission as well as high brilliance in image reproduction. All optical systems of the Tontarra endoscope line are sealed by using specially designed processes for laser-welding and soldering. High quality scratch-resistant sapphire glass for proximal and distal sides of each optical system is ensuring extended life-time and durability. A special focus on the very precise centering of all mechanical and optical components allows in-surgery imaging of high contrast and brightness even at the edge.



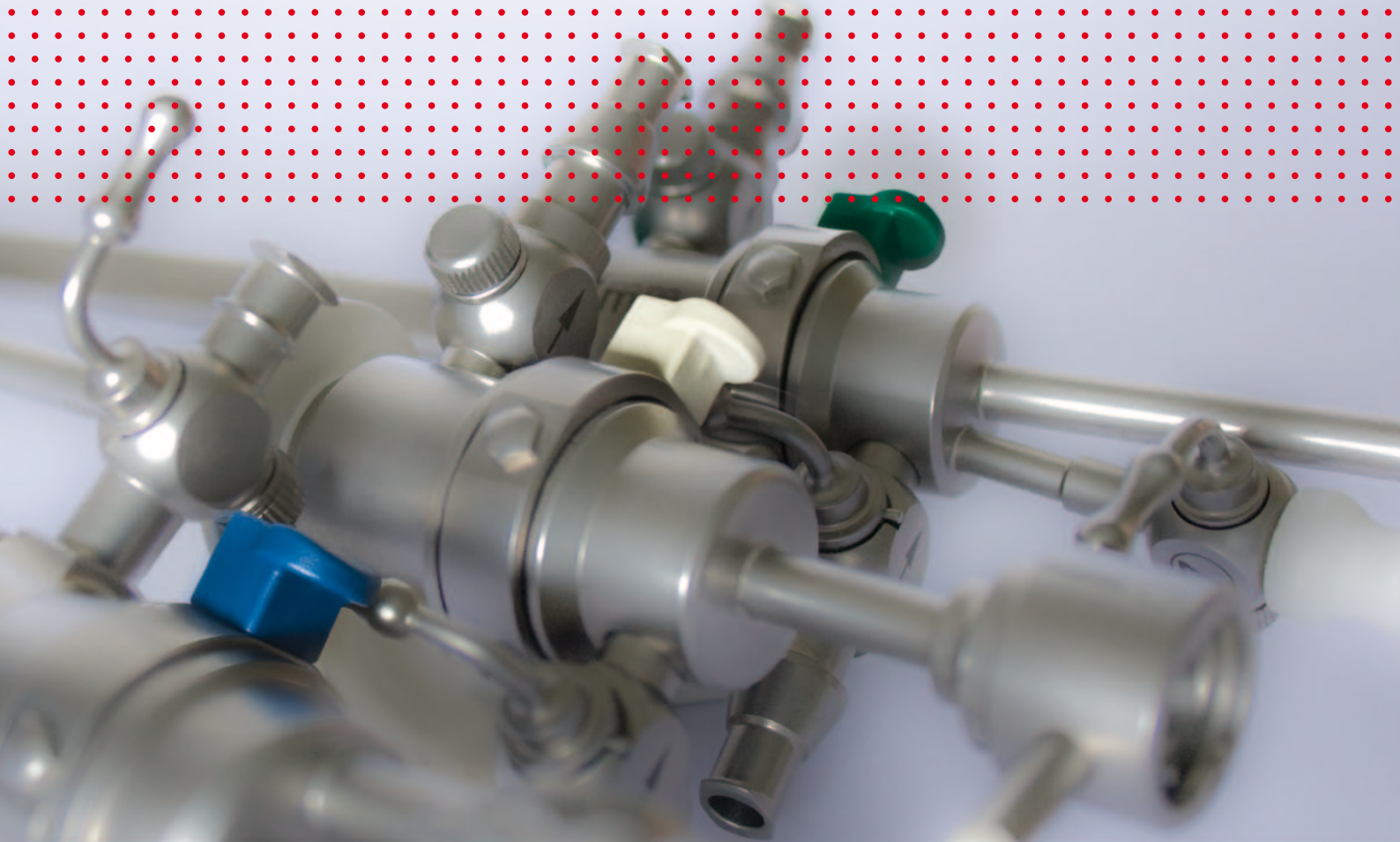
Light guide cable

Art.Nr.	Description	Size	Spez.
			
540-805-23	light cable for halogen light source without connectors	Ø 4,8 mm	2300 mm
540-815-23	light cable for Xenon light source without connectors	Ø 4,8 mm	2300 mm

Light cable connectors

					
540-880-02	Storz		540-890-02	Storz	
540-880-05	Wolf, clip		540-890-04	Wolf	
540-880-13	Wolf, snap				
540-880-01	ACMI		540-890-01	ACMI	

other versions on request



Quick Lock



The Quick Lock connecting System

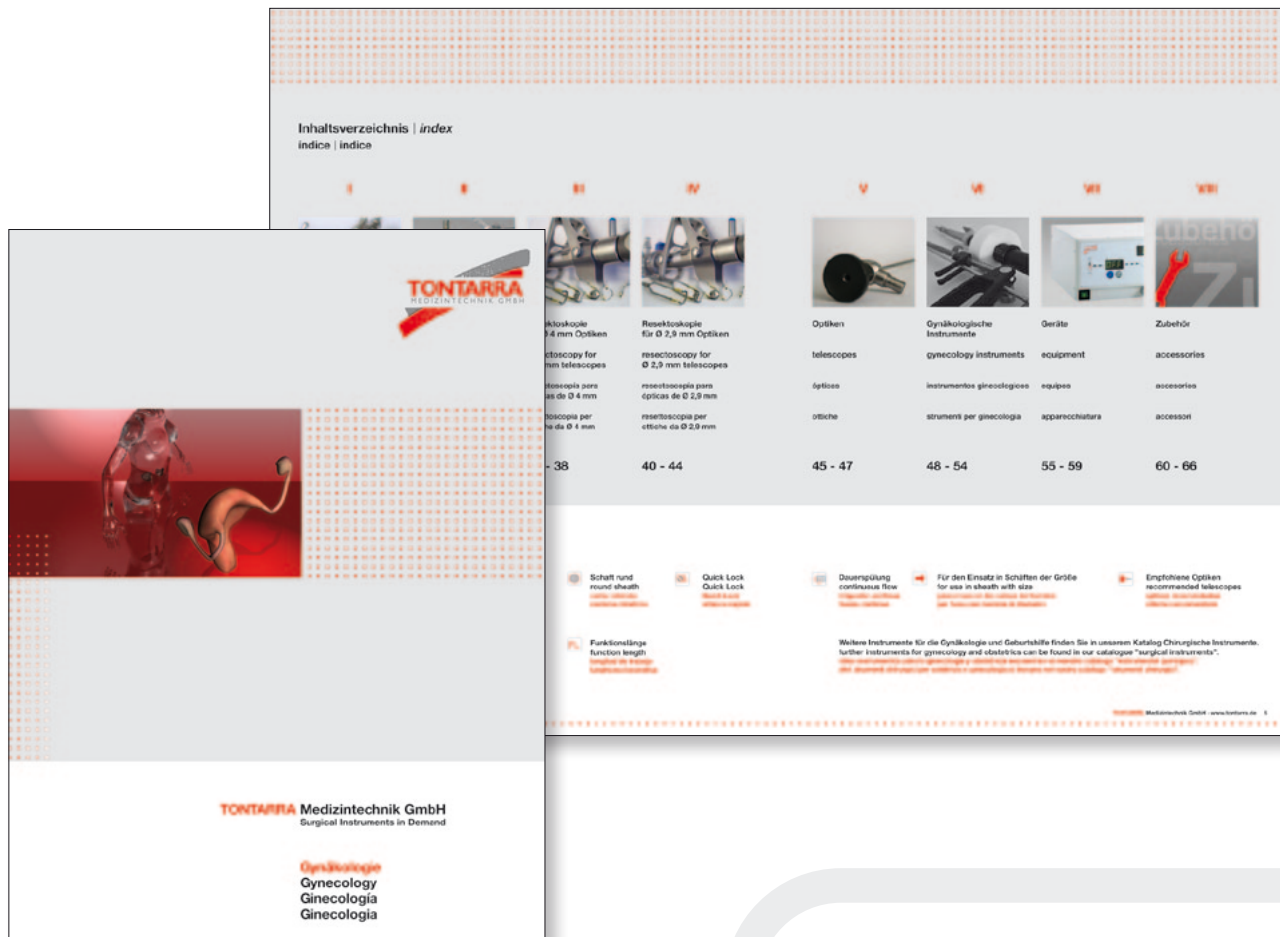
The main feature of the **Quick Lock** connecting system is that the sheath which is rigidly coupled with the connecting system can be very easily assembled and disassembled. Due to the spring locking the centering of inner and outer sheaths is optimized compared to the established bayonet-type instruments.

The precise marking on the instrument makes it easy to operate the connecting system.

Compared to the long time established bayonet-type of connection the **Quick Lock** system is characterized by a smooth running take apart and a tight sealing of the two sheaths connected.



Quick Lock



**further instruments for gynecology,
please refer to our catalogue "GYNECOLOGY!"**





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