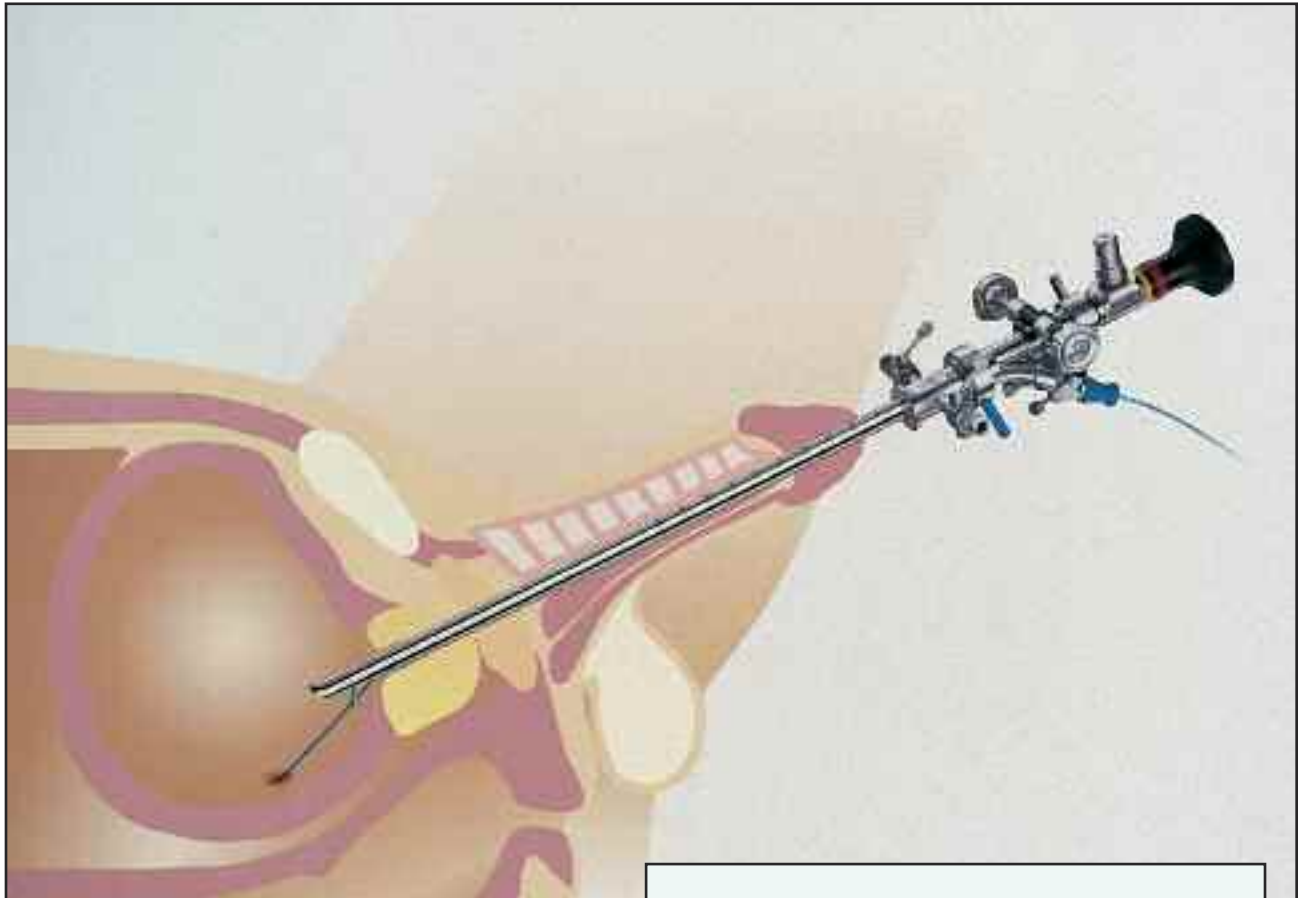




Cystoscopy

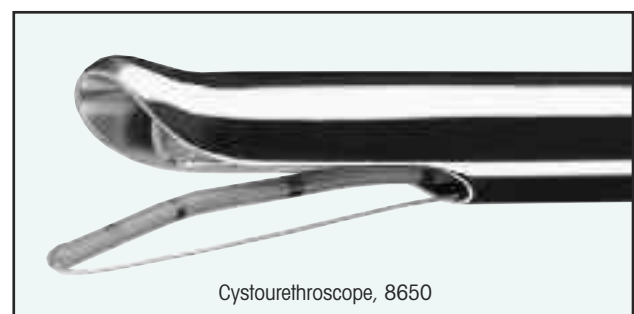
Cystoscopes

Cystoscopy



Cysto/Urethroscopy has become a well-established method in urology for diagnosis and therapy. With the aim of meeting the high requirements in hospitals and practices, WOLF offers sophisticated system solutions allowing optimal instrument combinations for every indication and anatomic condition.

The basic distinction between cystourethrosopes and urethrocystoscopes, is the shape of the distal sheath.





Cysto-Urethroscopes 8650

E-line design

The E-line design provides ergonomic handling and safe, fatigue-free operation as well as a wide range of accessory instrument combinations.



Automatic Connections






The automatic locking connections on the sheaths ensure fast and simple system connections.

Basic-Set for Cystoscopy

	Cysto-Urethroscope sheath, 19.5 Fr. with obturator	8650.0341
	Adapter with 1 instrument port	8650.264
	Viewing obturator, 19.5 Fr.	8650.724
	Biopsy forceps	8650.604
	Grasping forceps	8650.684
	PANOVIEW Plus Endoscope, 30°	8654.422
	PANOVIEW Plus Endoscope, 70°	8650.415

PANOVIEW PLUS Endoscopes

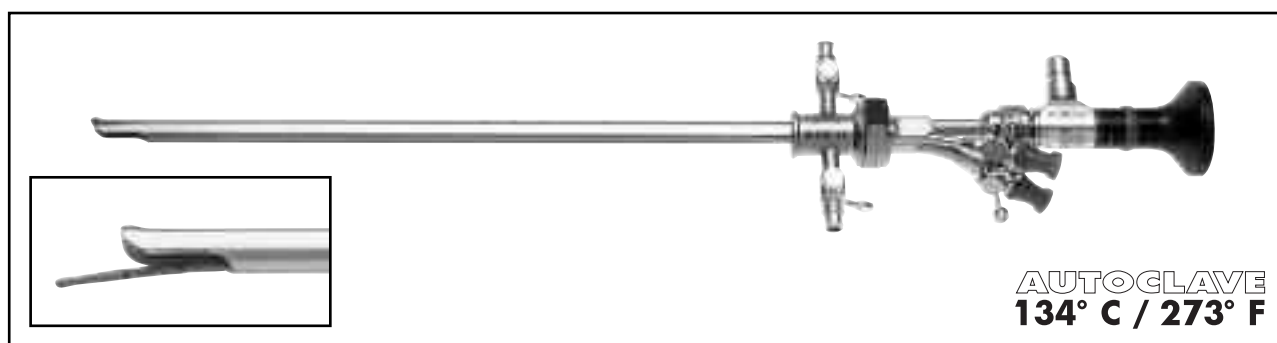
Overview





Angle of view	Color code	Application	Ø mm	WL	 AUTOCLAVE 134° C / 273° F
0°	 blue	•	4	305 mm	8650.414
		• small caliber	3.3	305 mm	8660.424
12°	 orange	•	4	303.5 mm	8654.431
30°	 red	•	4	307 mm	8654.422
		• small caliber	3.3	307 mm	8656.422
		• Long sheath	4	307 mm	8668.433*
70°	 yellow	•	4	310.5 mm	8650.415
		○	4.8	240 mm	8650.445

- Examination telescope
- Working telescope


Cysto-Urethroscope 8650 *E-line*

for 4 mm Endoscopes, 0°, 12°, 30°, 70° and Adaptors



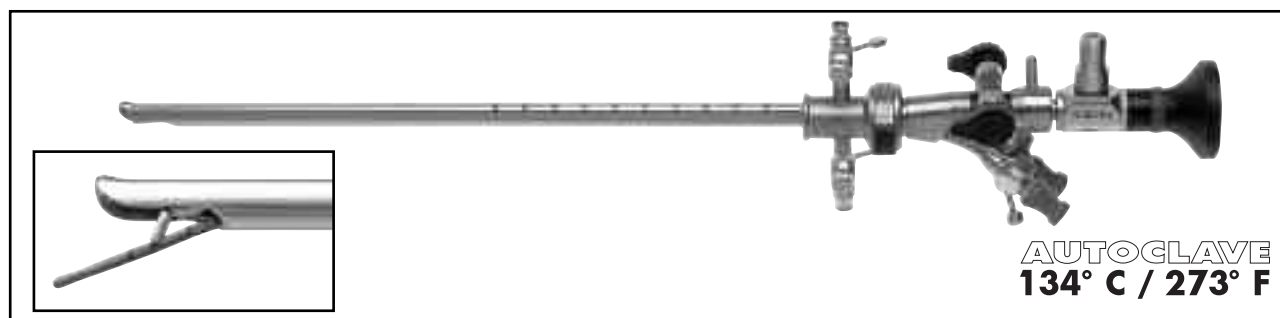
Sheaths and obturators							Adaptors		
									
Sheath and obturator	Sheath only	Standard Obturator only	Viewing Obturator	Fr.	Color code	Capacity (Fr.)	Exam only	1 Instrument port	2 Instrument ports
8650.0141	8650.0145	8650.0147	–	16	yellow	1x5*	8650.254	8650.264	8650.284
8650.0241	8650.0245	8650.0247	8650.714	17.5	green	1x5 or 2x4			
8650.0341	8650.0345	8650.0347	8650.724	19.5	red	1x7 or 2x5			
8650.0441	8650.0445	8650.0447	8650.734	21	blue	1x10 or 2x6			
8650.0541	8650.0545	8650.0547	8650.744	23	white	1x12 or 2x7			
8650.0641	8650.0645	8650.0647	–	25	black	1x15			




*for urethroscopy (cystoscopy for diagnosis only with adaptor 8650.254)

Ø	View	Working length	With enlarged image and objective field	Endoscopes
4 mm	0°	300 mm	8650.414	
	12°	300 mm	8654.431	
	30°	300 mm	8654.422	
	70°	200 mm	8650.415	


Cysto-Urethroscope 8650 *E-Line*

for 4 mm Endoscopes, 30°, 70° and Inserts with Albarran Deflector




Sheaths and obturators						Inserts with Albarran deflector	
							
Sheath and obturator	Sheath only	Obturator only	Fr.	Color code	Capacity (Fr.)	1 Instrument port	2 Instrument ports
8650.0241	8650.0245	8650.0247	17.5	green	1x5 or 2x4	8650.214	8650.204
8650.0341	8650.0345	8650.0347	19.5	red	1x7 or 2x5		
8650.0441	8650.0445	8650.0447	21	blue	1x10 or 2x6		
8650.0541	8650.0545	8650.0547	23	white	1x12 or 2x7		

Viewing Obturators see page CYS 3.7

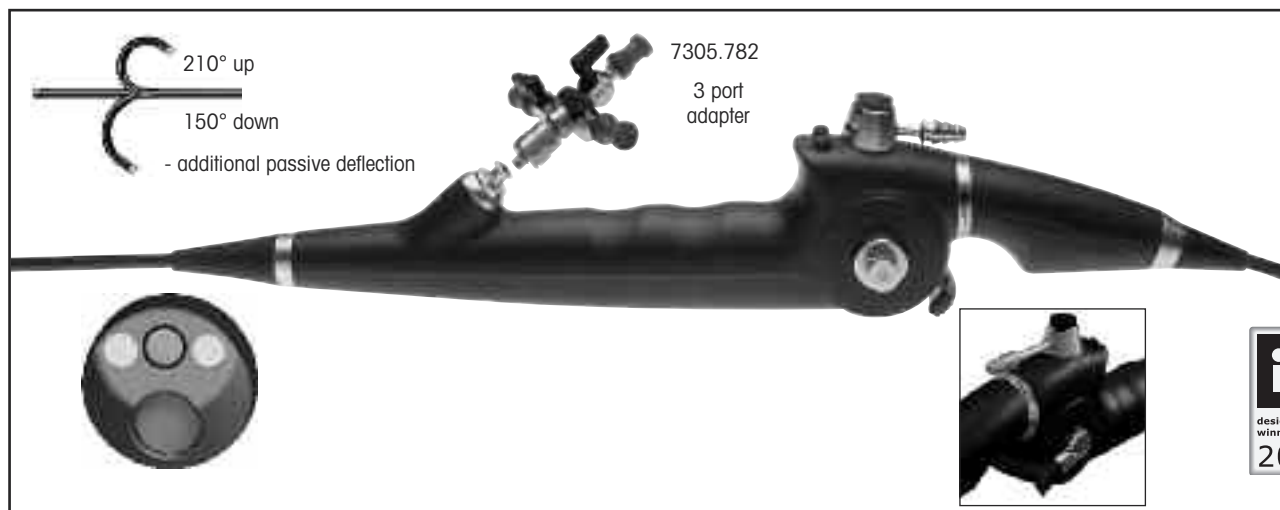
Ø	Vision	Working length	with enlarged image and objective field	Endoscopes
4 mm	30°	300	8654.422	
	70°	300	8650.415	

Sheaths and obturators with horizontal irrigation taps

				
Sheath only	Obturator only	Fr. Size	Color code	Insert Capacity (Fr.)
8650.0245S01	8650.0247	17.5	green	1x5 or 2x4
8650.0345S01	8650.0347	19.5	red	1x7 or 2x5
8650.0445S01	8650.0447	21	blue	1x10 or 2x6
8650.0545S01	8650.0547	23	white	1x12 or 2x7

Flexible LED Video Urethro- Cystoscope / Nephroscope *eyeMAX*®


16 Fr.



- ❑ **High-performance LED**
 - exceptionally brilliant light quality
 - totally homogeneous illumination of the endoscopic image
- ❑ **Chip on the tip**
 - unusually large, brilliant image • no moiré effect
- ❑ **Special suction valve**
 - quick and safe removal of irrigation fluid
- ❑ **Ergonomic handle**
 - 2 buttons enable various functions to be activated on the camera controller
 - control lever with brake for deflection and fixation of the tip
- ❑ **Atraumatic tip**
 - very short, 45° oblique ceramic tip of just 9.8 Fr.

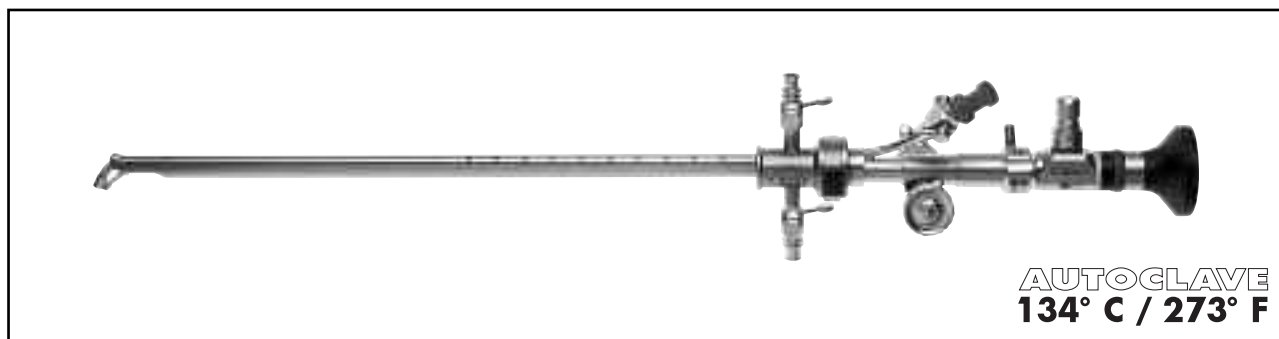
Item description	Deflection	Fr size	Working length	Insert capacity	Angle of view	Field of view	Instrumentation
Flexible LED video urethro-cystoscope/nephroscope with suction. Kit includes leakage tester (163.903), gas sterilization cap (163.904), cleaning brush (7264.691), cleaning brush for suction channel (7268.691), sealing membranes pack of 20 (15479.014)	Logical	9.8/16	400 mm	5	0	120	7310.06143
	Ergonomic						7310.06643



Flexible LED Video Cystoscope is compatible with ENDOCAM 5520


	Item description	Part number
	Camera Control Unit	5520.810

Retro Guiding Insert



for Cysto-Urethroscope 8650 with 4 mm Endoscope, 70°



Sheath with obturator	Fr.	Type	Retro guiding Insert	Type
	21	8650.0441		8650.29
	23	8650.0541		

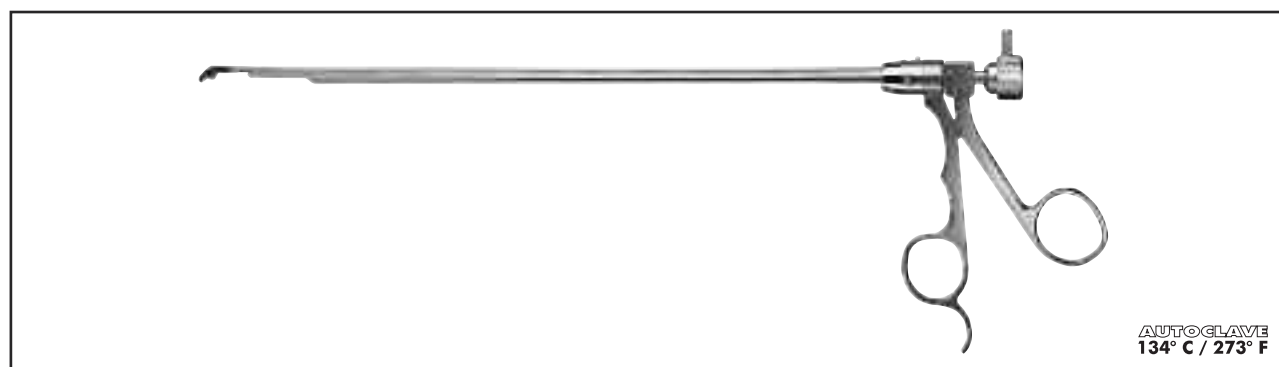
Ø	Vision	With enlarged image and objective field	Endoscopes
4 mm	70°	8650.415	









Accessory instruments

For coagulation or biopsy of the upper bladder wall	WL	Fr.	Type
 Coagulation button electrode	400 mm	6	823.06
 Biopsy forceps	365 mm	7	829.07

E-line Optical Forceps and Scissors

For Cysto-Urethroscope 8650
with 4 mm, 0° Endoscopes

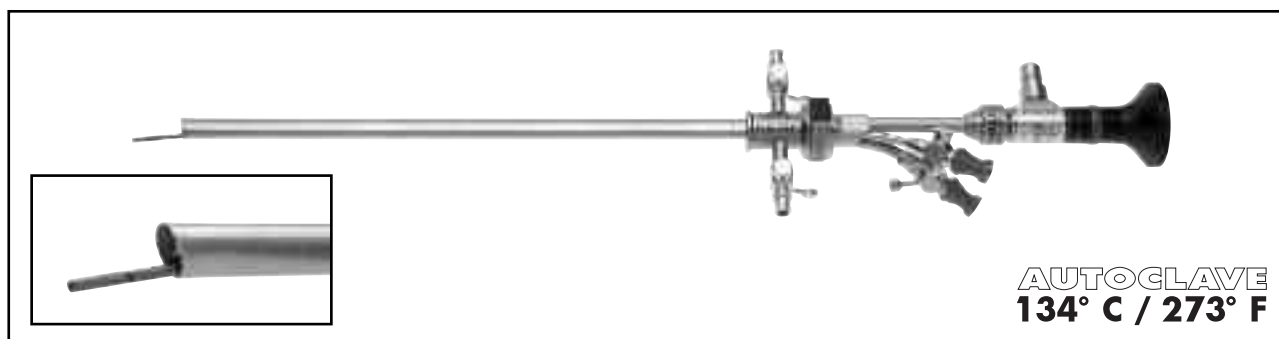






Instrument		For sheaths from	Type
Biopsy forceps by "Marburg" cutting action, the close proximity of the jaws to the endoscope allows biopsies to be performed even in the area around the bladder neck.		19.5 Fr.	8650.614
Scissors by "Wuppertal" for opening ureteroceles, for cutting intruding sutures, for the removal of polyps at their base and for slitting the ureteral orifice.		19.5 Fr.	8650.644
Foreign body forceps also for crushing small soft calculi.		19.5 Fr.	8650.654
Stone forceps for smaller stones and for removing stone fragments.		23 Fr.	8650.664
Retrograde Biopsy forceps with spoon-shaped jaws, retrograde cutting action, for biopsies in the transition area by the bladder neck / upper wall, as well as in the distal urethra.		19.5 Fr.	8650.774
Coagulating biopsy forceps by Tauber for combined biopsy and haemostasis. Particularly suitable for bladder mapping and quadrant biopsy. Instant haemostasis without changing instruments and time-consuming reorientation.		21 Fr.	8650.624
Biopsy forceps for use with 12° / 25° 4mm endoscopes		19.5 Fr.	8650.604
Grasping forceps for use with 12° / 25° 4mm endoscopes		19.5Fr.	8650.684


HF connecting cable, 3M WL, Reusable,815.033 or 3M WL, Disposable, 10 / pkg.....415.0030

Urethro-Cystoscope 8652 *C-line*

for 4 mm Endoscopes, 0°, 12°, 30°, 70° and Adaptors

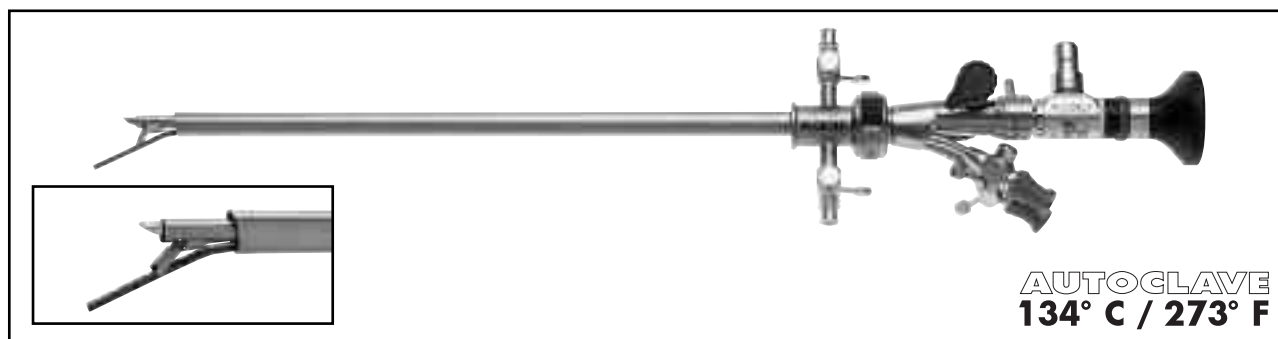





Sheaths and obturators						Adaptors		
								
Sheath and obturator	Sheath only	Obturator only	Fr.	Color code	Capacity (Fr.)	Exam only	1 Instrument port	2 Instrument ports
8652.0141	8652.0145	8652.0147	16	yellow	1x5	8652.254	8652.264	8652.284
8652.0241	8652.0245	8652.0247	17.5	green	1x5 or 2x4			
8652.0341	8652.0345	8652.0347	19.5	red	1x7 or 2x5			
8652.0441	8652.0445	8652.0447	21	blue	1x10 or 2x6			


Ø	View	With enlarged image and objective field	Endoscopes
4 mm	0°	8650.414	
	12°	8654.431	
	30°	8654.422	
	70°	8650.415	

Urethro-Cystoscope 8652 *E-line*

for 4 mm Endoscopes, 30°, 70° and Inserts with Albarran Deflector













Sheaths and obturators					Inserts with Albarran deflector	
						
Sheath and obturator	Sheath only	Obturator only	Fr.	Capacity (Fr.)	1 Instrument port	2 Instrument ports
8652.0241	8652.0245	8652.0247	17.5	1x5 or 2x4	8650.214	8650.204
8652.0341	8652.0345	8652.0347	19.5	1x7 or 2x5		
8652.0441	8652.0445	8652.0447	21	1x10 or 2x6		

Ø	View	With enlarged image and objective field	Endoscopes
4 mm	30°	8654.422	
	70°	8650.415	

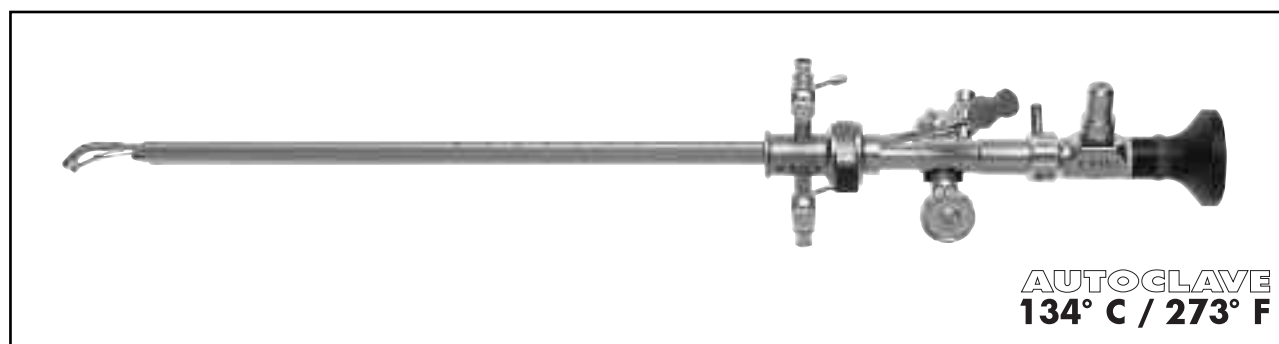
Optical Forceps and Scissors



for Urethro-Cystoscope 8652 for 4 mm Endoscopes


Instruments for cysto-urethroscope 8650 for use in urethro-cystoscope sheaths 8652				
				
		for sheaths from Fr.	only with spacer 8652.704	with endoscopes 8650.414
				Type
Biopsy forceps "Marburg"		19.5	•	0°, 5°, 12°
8650.614				
Biopsy forceps with spoon-shaped jaws, retrograde cutting action		19.5	•	0°, 5°, 12°
8650.774				
Scissors "Wuppertal"		19.5	•	0°, 5°, 12°
8650.644				
Foreign body forceps		19.5	•	0°, 5°, 12°
8650.654				
Tauber's coagulating biopsy forceps		19.5	•	0°, 5°, 12°
8650.624				
Biopsy forceps spoon shaped jaws, both opening		19.5	•	12°, 30°
8650.604				
Grasping forceps both jaws opening		19.5	•	12°, 30°
8650.684				

Retro Guiding Insert



for Urethro-Cystoscope 8652 with 4 mm Endoscope, 70°



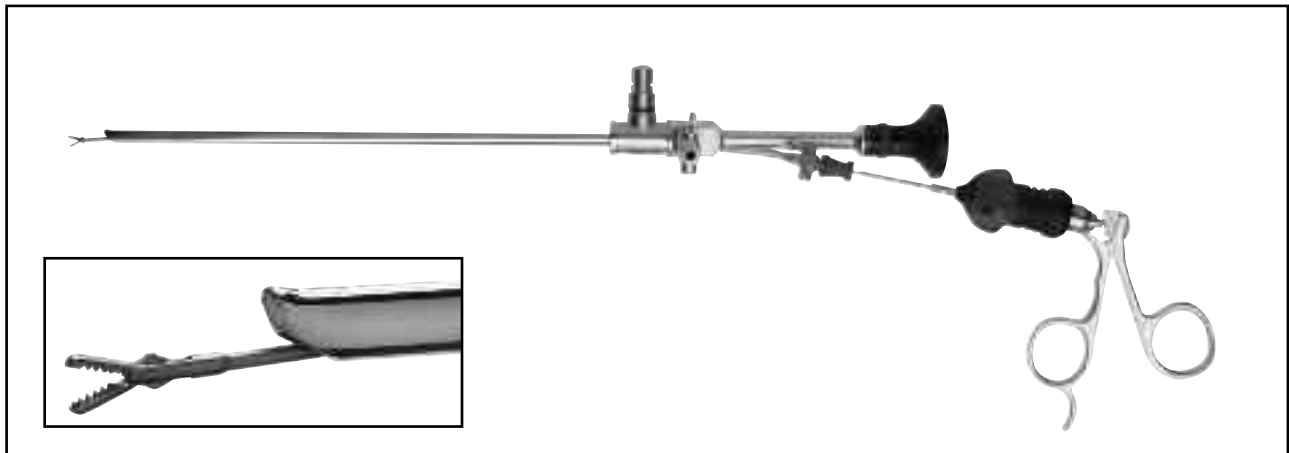
Sheath with obturator	Fr.	Insert capacity		Retro guiding Insert	Type
	21 Fr.	1x10 Fr or 2x6 Fr Insert	8652.0441		8650.29

Ø	View	With enlarged image and objective field	Endoscopes
4 mm	70°	8650.415	

Accessory instruments

For coagulation or biopsy of the upper bladder wall	WL	Fr.	Type
 Coagulation button electrode	400 mm	6	823.06
 Biopsy forceps	365 mm	7	829.07

Atraumatic Compact Cysto-Urethrosopes 14, 17, 21 Fr., 30°













For office and clinic

- ☐ Outpatient urethro-cystoscopy, with less stress on the patient
- ☐ Biopsy specimens even from the prostate area
- ☐ Foreign body extraction (e.g. removal of stents)
- ☐ Retrograde manipulation
- ☐ Treatment of strictures
- ☐ Powerful PANOVUE PLUS endoscope, 30° angle of view, panoramic field of view, exceptional detail
- ☐ Specially shaped atraumatic distal tip
- ☐ Compact and sturdy construction

Atraumatic compact cysto-urethroscope	WL	Fr.	Instrument channel		Endoscope 30°
			for accessory instruments	Shape	
8642.403	215 mm	14	up to 5 Fr.	oval	PANOVUE PLUS endoscope with enlarged image and objective field
8645.403	225 mm	17	up to 7 Fr.	oval	

Accessory Instruments

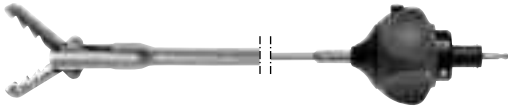


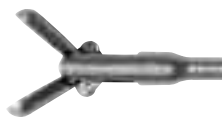




for Atraumatic Compact Cysto-Urethroscopes 14, 17, 21 Fr., 30°

		WL mm	Fr.	Type
	Rigid biopsy forceps	340	7	8645.60
		370	5	8642.60
	Rigid foreign body forceps	350	7	8645.65
		370	5	8642.65
	Flexible biopsy forceps	370	7	829.07
	Flexible grasping forceps	430	6,5	8736.684
	Flexible foreign body forceps	365	7	828.07
		315	5	828.05
	Flexible scissors with indented edge	365	7	830.07
	Injection cannula with Luer connector, semiflexible	525	6	8640.16
	Flexible coagulating button electrode unipolar (HF connecting cable see below)	400	6	823.06
		400	5	823.05
	Flexible needle electrode (HF connecting cable see below)	400	5	824.05
	Stricture scalpel, lancet-shaped	345	7	8645.98

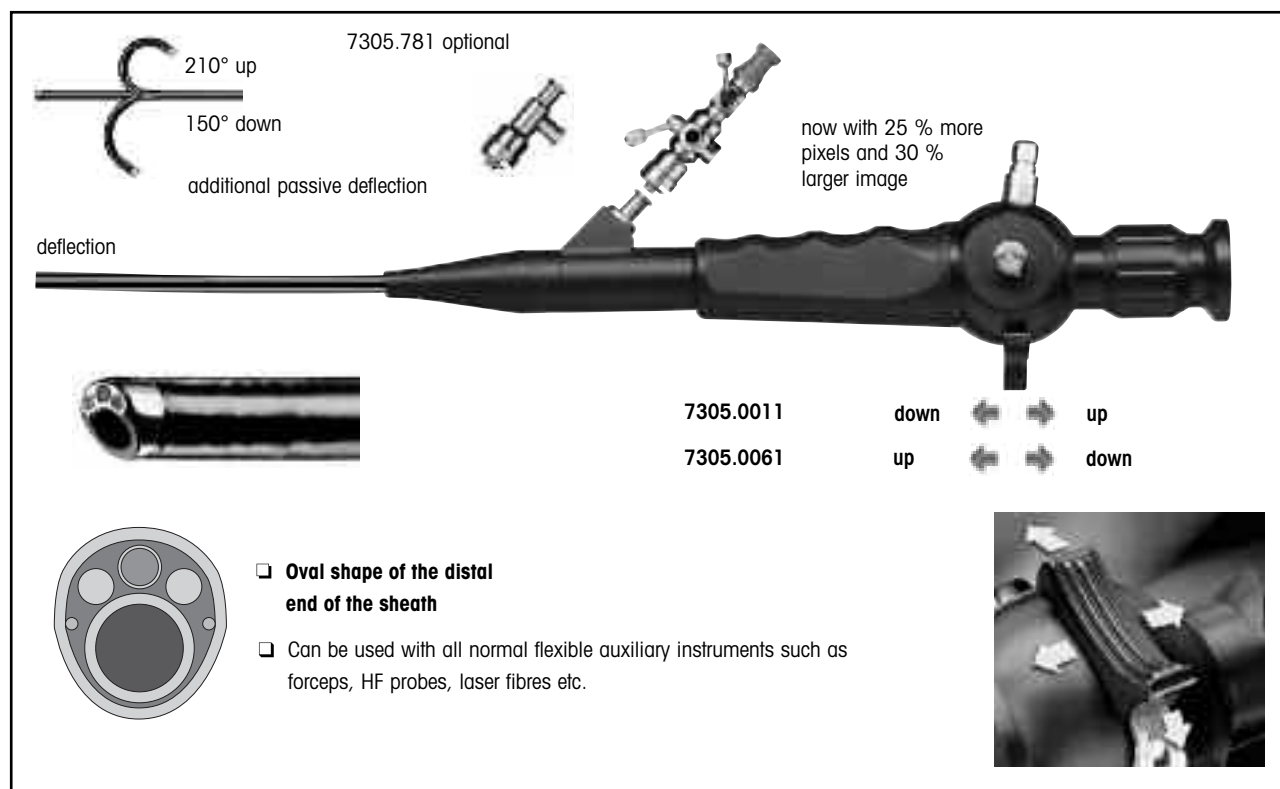
Accessory Instruments

for Atraumatic Compact
Cysto-Urethrosopes 14, 17, 21 Fr., 30°

Micro Modular System **HySafe**

Insert with sheath						Handle with overload protection	Complete instrument <ul style="list-style-type: none"> • Insert with sheath • Handle
	Recommended fields of application	Types	Fr.	WL			
Grasping forceps with alligator jaws 	Cystoscopy	8642.6508	5	340	8083.001		8642.6502
		8645.6508	7	325			8645.6502
Biopsy forceps, -spoon 		8642.6008	5	340			8642.6002
Biopsy forceps 		8645.6008	7	325			8645.6002
Biopsy punch 		8642.6318	5	340			8642.6312
Micro scissors 		8642.6818	5	340			8642.6812
Hooked scissors 		8992.6408*	7	310			8992.6402*






15 Fr. Flexible Fiber-Urethro-Cystoscope 2.5 mm / 7.5 Fr. Channel



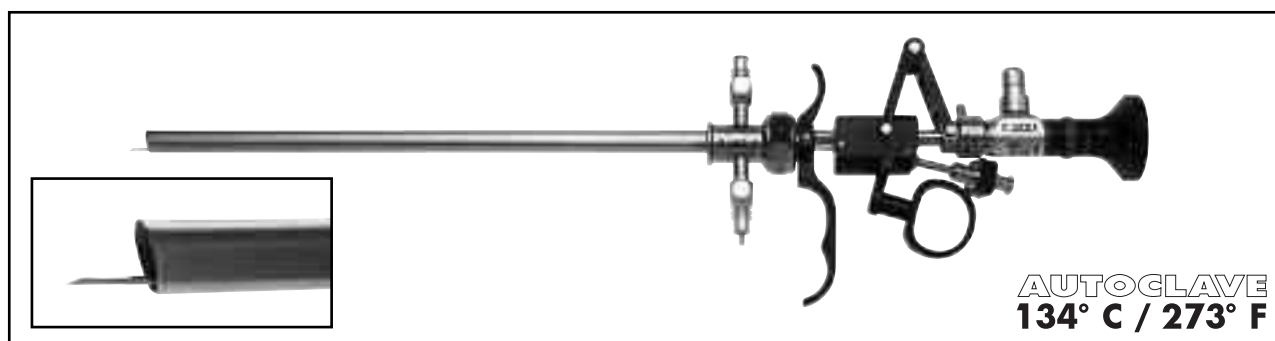
- ☐ Safe and atraumatic passage through the urethra is provided by the oblique distal tip
- ☐ Reduced weight and ergonomic design for optimal handling and less strain on the operator
- ☐ 0° angle of view, 120° field of view
- ☐ Immersible and gas sterilizable

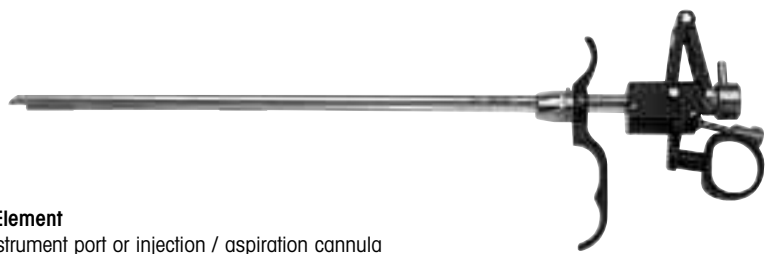

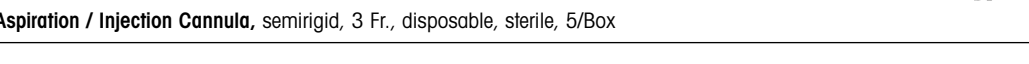



	Outer diameter	Instrument channel	Working length	Type
Flexible fiber-urethro-cystoscope including instrument port (7305.782), flexible biopsy forceps (829.051), leak tester (163.903), gas sterilization valve (163.904), cleaning brush (7264.691), case	5 mm 15 Fr.	2.5 mm 7.5 Fr.	400 mm	Forward movement of the control lever provides downward movement of the tip 7305.0011
				Forward movement of the control lever provides upward movement of the tip 7305.0061
Optional: Light cable Ø 2.5 mm	—	—	3,000 mm	8061.256

Accessory Instruments for 15 Fr. Flexible Cysto / Nephroscope

	Outer - Ø	WL	Types
Flexible foreign body forceps "grasping" 	1.6 mm 5 Fr.	550 mm	828.051
Mouse-tooth grasping forceps Safe and effective grasping with mouse-tooth geometry 	2.0 mm 6.5 Fr.	550 mm	8736.685
	1.6 mm 5 Fr.	540 mm	8735.685
Biopsy forceps Uretero-renaloscopy, nephroscopy 	5 Fr.	550 mm	829.051
Attachment with 2 Luer connectors, quick-lock mechanism 	_____	_____	7305.781
Sealing adapter 	_____	_____	20.SA65

Set for transurethral Incontinence Therapy *E-line*



	Type
 Aspiration / Injection Working Element with rotatable attachment for instrument port or injection / aspiration cannula	8652.781
 Aspiration / Injection Cannula, 22G semirigid, 3 Fr.	8652.785
 Aspiration / Injection Cannula, semirigid, 3 Fr., disposable, sterile, 5/Box	8652.775
 Aspiration / Injection Cannula, flexible, 4.5 Fr., 22G	8652.795
 Instrument Adapter for accessory instruments up to 4 Fr.	8652.788
 Sheath with Obturator 21 Fr., 1x10 or 2x6 Fr. in cap	8652.0441

Ø	View	With enlarged image and objective field	Endoscope
4 mm	30°	8654.422	