

# INGENIOUS

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m e d i c a l

**UROLOGY**

■ **INGENUITY**  
■ **FOR**  
■ **HEALTH**

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## ABOUT US



**INGENIOUS** medical GmbH, a German based company, being involved in the design, development, manufacturing and distributing of high end endoscopic equipment such as: Video Endoscopic Systems, Light Sources, Insufflators and Medical Fluid Pumps in addition to all surgical accessories in the field of gynecology, laparoscopy, urology, arthroscopy and ENT.

Quality has the highest status in our doing. All our solutions accord to certification DIN EN ISO 13485 and fulfill all stringent requirements concerning medical devices according to MDR.

Our products are designed and manufactured by qualified, well trained engineers and technicians working in modern production facilities with the highest medical standards at different production sites.

Our products are selected and moderated to comply all the tools needed in advanced surgical procedures. Continuous innovations are always under study and enhancement to serve surgeons with the best tools.

With **INGENIOUS** products, our customers rely on – **Made in Germany** – quality and durability.



ENT



GYNECOLOGY



LAPAROSCOPY



ORTHOPEDICS



UROLOGY



# CYSTOSCOPY

# STANDARD CYSTOSCOPY SET FOR Ø 4MM TELESCOPES

## ■ CYSTOSCOPES



Order No.	Endoscopic Ø (mm)	Working length (mm)	Direction of view	Field of view
200-200-02	4.0	302	0°	Standard
200-200-04	4.0	302	12°	Standard
200-200-07	4.0	302	70°	Wide angle

## ■ CYSTOSCOPES SHEATHS



Order No.	Description	Size (Fr.)	Spec. (Fr.)
400-100-00	Cystoscopy sheath with obturator with 2 stopcocks	16.5	1x5
400-100-01	Cystoscopy sheath with obturator with 2 stopcocks	18.5	1x5
400-100-02	Cystoscopy sheath with obturator with 2 stopcocks	21	1x7 / 2x5
400-100-03	Cystoscopy sheath with obturator with 2 stopcocks	23	2x7 / 2x5

## ■ TELESCOPE BRIDGES



Order No.	Description
400-100-04	Telescope Bridge without instrument channel



Order No.	Description
400-100-05	Telescope Bridge with 1 instrument channel

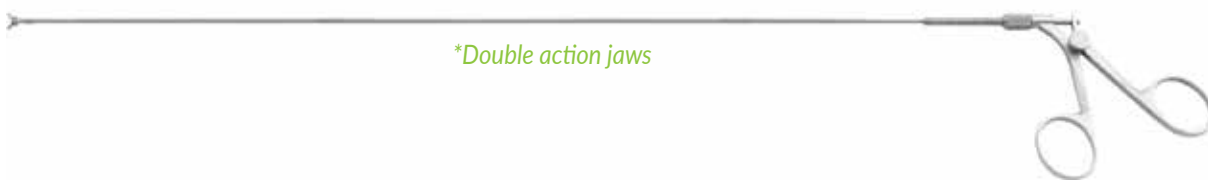










Order No.	Description
400-100-06	Telescope Bridge with 2 instrument channels



Order No.	Description
400-100-07	Albarran Deflecting mechanism with 2 instrument channels

## SEMI - FLEXIBLE INSTRUMENTS



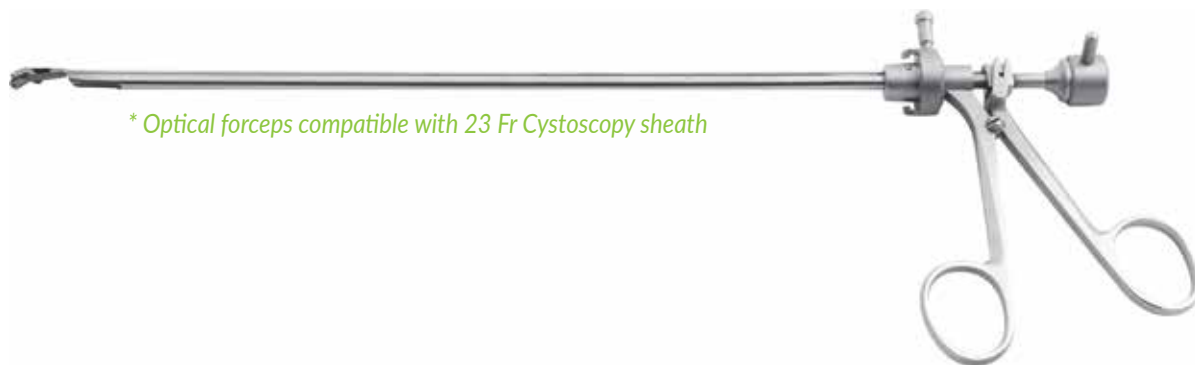
Order No.	Description	Size (Fr.)	Length (mm)	Jaws
400-100-08	Biopsy forceps oval jaws	7	395	
400-100-12	Biopsy forceps oval jaws	5	395	
400-100-09	Foreign body forceps serrated jaws	7	395	
400-100-13	Foreign body forceps serrated jaws	5	395	
400-100-10	Grasping forceps alligator jaws	7	395	
400-100-14	Grasping forceps alligator jaws	5	395	
400-100-11	Scissors	7	395	
400-100-15	Scissors	5	395	

## CLEANING ROD







Order No.	Description	Size (Fr.)	Length (mm)
400-100-35	Cleaning rod for cystoscopy sheaths	9	340

## OPTICAL FORCEPS FOR Ø 4 MM TELESCOPES



\* Optical forceps compatible with 23 Fr Cystoscopy sheath

Order No.	Description	Jaws
400-100-31	Optical punch forceps; for 0° telescopes	
400-100-32	Optical grasping forceps; for 30° telescopes	
400-100-33	Optical biopsy forceps; for 30° telescopes	
400-100-34	Optical scissors; for 0° telescopes	

## LITHOTRIPTOSCOPY FOR Ø 4 MM TELESCOPES



Order No.	Description	Size (Fr.)
400-300-00	Optical working element for curved punch lithotripsy for 70° telescopes including 1 instrument channel	24



Order No.	Description	Size (Fr.)
400-300-01	Optical working element for curved punch lithotripsy for 30° telescopes with sheath including 1 instrument channel	24

# PEDIATRIC CYSTOSCOPY SET FOR Ø 2.7MM TELESCOPES

## ■ CYSTOSCOPES



Order No.	Endoscopic Ø (mm)	Working length (mm)	Direction of view	Field of view
200-200-17	2.7	205	0°	Standard
200-200-18	2.7	205	30°	Standard

## ■ CYSTOSCOPY SHEATH



Order No.	Description	Size (Fr.)	Specs (Fr.)
400-100-36	Cystoscopy sheath with obturator with 2 stopcocks	11	-
400-100-37	Cystoscopy sheath with obturator with 2 stopcocks	13.5	1x5.5

## ■ TELESCOPE BRIDGES






Order No.	Description
400-100-38	Telescope bridge



Order No.	Description
400-100-39	Albarra deflection bridge with 1 instrument channel

## ■ SEMI - FLEXIBLE INSTRUMENTS



Order No.	Description	Size (Fr.)	Length (mm)	Jaws
400-100-40	Biopsy forceps oval jaws	5.5	260	
400-100-41	Foreign body forceps serrated jaws	5.5	260	
400-100-42	Grasping forceps alligator jaws	5.5	260	





# URETHROTOMY

# URETHROTOMY SET FOR Ø4MM TELESCOPES

## ■ CYSTOSCOPES



Order No.	Endoscopic Ø (mm)	Working length (mm)	Direction of view	Field of view
200-200-02	4.0	302	0°	Standard
200-200-04	4.0	302	12°	Standard

## ■ URETHROTOME SHEATH



Order No.	Description	Size (Fr.)
400-200-00	Urethrotome sheath with obturator with 2 fixed stopcocks and 1 instrument channel	21



Order No.	Description	Size (Fr.)
400-200-01	Supplementary sheath for urethrotome	21




## ■ WORKING ELEMENT



Order No.	Description
400-200-02	Passive working element with closed handle for Ø 4mm telescopes

## COLD KNIFE



Order No.	Description	Image
400-200-03	Stricture knife with straight tip	
400-200-04	Stricture knife with round shaped tip	
400-200-05	Stricture knife with hook shaped tip	



**HYBRID**

**RESECTOSCOPY**

# HYBRID RESECTOSCOPY SET FOR Ø4MM TELESCOPES

## ■ CYSTOSCOPES



Order No.	Endoscopic Ø (mm)	Working length (mm)	Direction of view	Field of view
200-200-05	4.0	302	30°	Standard

## ■ RESECTOSCOPY SHEATH



Order No.	Description	Size (Fr.)
400-400-03	Continuous flow outer sheath 26 Fr. all-round perforation with Inner Shaft 24 Fr. and obturator; rotatable Quick Lock	24/26



Order No.	Description	Size (Fr.)
400-400-07	Deflecting tip obturator	24/26
400-400-08	Visual obturator	24/26
400-400-09	Visual obturator with 6 Fr. instrument channel	24/26

## ■ HYBRID WORKING ELEMENT



Order No.	Description
400-400-10	Active working element with closed handle for Ø 4mm telescopes; HF connection
400-400-11	Passive working element with closed handle for Ø 4mm telescopes; HF connection

## HYBRID ELECTRODE



Order No.	Description	Image
400-400-12	Angled loop electrode for 12/30° telescope	
400-400-13	Conical coagulation electrode	
400-400-14	Straight loop electrode	
400-400-16	Ball electrode	
400-400-18	Roller shape coagulation electrode	
400-400-19	Pointed coagulation electrode	
400-400-20	Bipolar cone shaped vaporization electrode	

## HF CABLES FOR HYBRID RESECTOSCOPY SET

Order No.	Description	Image
400-400-41	Monopolar cable for electrodes Ø 5 mm, 4.5 m, to erbe/Storz	
400-400-42	Monopolar cable for electrodes and loops Ø 5 mm, 3.0 m, to Marten	
400-400-43	Monopolar cable for electrodes and loops Ø 8 mm, 3.0 m for equip. with banana plug	
400-400-45	Bipolar cable 4.5 m Berchthold; Martin; Aesculap bipolar System; Umax: 0,8 KVp	
400-400-46	Bipolar cable 3.0 m flat-cable plug international Models; 2-pins	
400-400-47	Bipolar connecting cable for Erbe VIO 300; with multi contact plug 3.0 m	



**MONOPOLAR**

**RESECTOSCOPY**

# STANDARD MONOPOLAR RESECTOSCOPY SET FOR Ø4MM TELESCOPES

## ■ CYSTOSCOPES



Order No.	Endoscopic Ø (mm)	Working length (mm)	Direction of view	Field of view
200-200-05	4.0	302	30°	Standard

## ■ RESECTOSCOPY SHEATH



Order No.	Description	Size (Fr.)
400-400-50	Continuous flow outer sheath all-round perforation	26.5



Order No.	Description	Size (Fr.)
400-400-51	Inner sheath with obturator	24.5

## ■ MONOPOLAR WORKING ELEMENT







Order No.	Description
400-400-52	Passive working element with closed handle for Ø 4mm telescopes; HF connection
400-400-53	Active working element with closed handle for Ø 4mm telescopes; HF connection




## MONOPOLAR ELECTRODE



Order No.	Description	Image
400-400-54	Angled loop electrode for 30° telescope	
400-400-55	Roller electrode	
400-400-56	Spike electrode	
400-400-57	Spud electrode for 30° telescope	

## HF CABLE FOR MONOPOLAR RESECTOSCOPY SET

Order No.	Description	Image
400-400-59	HF monopolar cable for electrodes Ø 4 mm, 3.5 m	

# PEDIATRIC MONOPOLAR RESECTOSCOPY SET FOR Ø2.7MM TELESCOPES

## ■ CYSTOSCOPES



Order No.	Endoscopic Ø (mm)	Working length (mm)	Direction of view	Field of view
200-200-17	2.7	302	30°	Standard

## ■ RESECTOSCOPY SHEATH



Order No.	Description	Size (Fr.)
400-400-60	Resectoscopy outer and inner sheath with obturator and 1 stopcock	13

## ■ MONOPOLAR WORKING ELEMENT



Order No.	Description	Size (Fr.)
400-400-61	Passive working element with closed handle for Ø 2.7 mm telescopes with HF connection	13

## ■ MONOPOLAR ELECTRODE



Order No.	Description
400-400-62	Loop electrode

## ■ HF MONOPOLAR CABLE



Order No.	Description
400-400-63	HF monopolar cable Ø 4 mm, 3.5 m



**PERCUTANEOUS  
NEPHROSCOPY**

# PERCUTANEOUS NEPHROSCOPY SET

## NEPHROSCOPE



Order No.	Endoscopic Ø (Fr.)	Working length (mm)	Direction of view	Field of view
200-200-05	15.5	220	8°	84°

## NEPHROSCOPY SHEATH AND DILATATORS



Order No.	Description	Size (Fr.)
400-600-01	Outer and inner nephroscopy sheath with obturator	19



Order No.	Description	Size (Fr.)
400-600-02	Trocar	4.5



Order No.	Description	Size (Fr.)
400-600-03	Dilator cannula	6/7.5/9



Order No.	Description	Size (Fr.)
400-600-04	Dilator	9-21



Order No.	Description
400-600-05	Open conductor





## GUIDE BAR



Order No.	Description	Size (Fr.)
400-600-06	Guide Bar	9

## SEMI - FLEXIBLE INSTRUMENTS



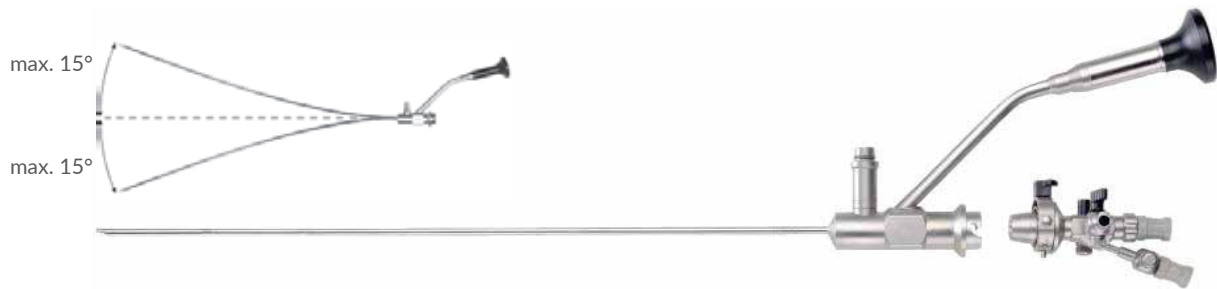
Order No.	Description	Size (Fr.)	Length (mm)	Jaws
400-600-07	Grasping forceps alligator jaws Biopsy forceps oval jaws	10.5	350	
400-600-08	Foreign body forceps	10.5	350	
400-600-09	Serrated forceps	10.5	350	
400-600-10	Grasping forceps	10.5	350	



# URETERO - RENSCOPY

# STANDARD URETERO-RENSCOPY SET





## URETERO-RENSCOPIES




Order No.	Working Ø (Fr.)	Working channel for instruments with Ø (Fr.)	Working length (mm)	Direction of view	Field of view
200-400-00	distal 7.5 first step 9.8	1 x 5 or 2 x 3	310	8° to working channel	85°
200-400-01	distal 7.5 first step 9.8	1 x 5 or 2 x 3	425	8° to working channel	85°

## SEMI - FLEXIBLE INSTRUMENTS



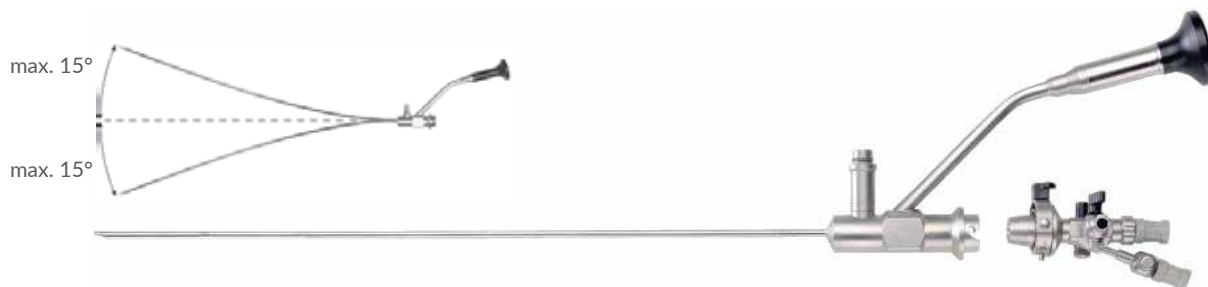
Order No.	Description	Size (Fr.)	Length (mm)	Jaws
400-500-02	Grasping forceps alligator jaws	5	600	
400-500-03	Biopsy forceps alligator jaws	5	600	
400-500-04	Grasping forceps serrated jaws	5	600	
400-500-05	Biopsy forceps spoon jaws	5	600	



Order No.	Description	Size (Fr.)	Length (mm)	Image
400-500-06	Stone basket with spiral tip	4.5	590	

# MINI-URETERO-RENSCOPY SET


## URETERO-RENSCOPIES



Order No.	Endoscope Ø (Fr.)	Working channel for instruments with Ø (Fr.)	Working length (mm)	Direction of view	Field of view
200-400-02	distal 6 first step 7.5	1 x 4 or 2 x 2.4	310	8° to working channel	100°
200-400-03	distal 6 first step 7.5	1 x 4 or 2 x 2.4	425	8° to working channel	100°

## SEMI - FLEXIBLE INSTRUMENTS



Order No.	Description	Size (Fr.)	Length (mm)	Jaws
400-500-07	Grasping forceps alligator jaws	4	600	
400-500-08	Biopsy forceps alligator jaws	4	600	
400-500-09	Grasping forceps serrated jaws	4	600	
400-500-10	Biopsy forceps spoon jaws	4	600	



# ACCESSORIES FOR URETERO-RENOSCOPES

## INSTRUMENT BRIDGE

With 1 working channel



Order No. 400-555-00

## ADAPTER FOR EMS LITHOTRIPTER

EMS lithotripter LC2



Order No. 400-555-01

## ADAPTER FOR EMS LITHOTRIPTER

EMS lithotripter LC1



Order No. 400-555-02

## SEALING CAP

Package of 10 pieces



Order No. 400-555-06

## THREE SLOT MEMBRANE

Package of 10 pieces



Order No. 400-555-07

## CLEANING AND STORAGE BASKET

Designed for URS, including connectors for instrument bridge, endoscope and adaptors for EMS lithotripters.



Order No. 200-400-09

# ACCESSORIES

# UROLOGY ACCESSORIES

## URETHRAL DILATING BOUGIE



Order No.	Description	Size (Fr.)
400-700-00	Urethral dilating bougie	8
400-700-01	Urethral dilating bougie	9
400-700-02	Urethral dilating bougie	10
400-700-03	Urethral dilating bougie	11
400-700-04	Urethral dilating bougie	12
400-700-05	Urethral dilating bougie	13
400-700-06	Urethral dilating bougie	14
400-700-07	Urethral dilating bougie	15
400-700-08	Urethral dilating bougie	16
400-700-09	Urethral dilating bougie	17
400-700-10	Urethral dilating bougie	18
400-700-11	Urethral dilating bougie	19
400-700-12	Urethral dilating bougie	20
400-700-13	Urethral dilating bougie	21
400-700-14	Urethral dilating bougie	22
400-700-15	Urethral dilating bougie	23
400-700-16	Urethral dilating bougie	24
400-700-17	Urethral dilating bougie	25
400-700-18	Urethral dilating bougie	26
400-700-19	Urethral dilating bougie	27
400-700-20	Urethral dilating bougie	28
400-700-21	Urethral dilating bougie	29



Order No.	Description	Size (Fr.)
400-700-26	Female urethral dilating	18
400-700-27	Female urethral dilating	21
400-700-28	Female urethral dilating	24
400-700-29	Female urethral dilating	27
400-700-30	Female urethral dilating	30
400-700-31	Female urethral dilating	33
400-700-32	Female urethral dilating	36
400-700-33	Female urethral dilating	39
400-700-34	Female urethral dilating	42



Order No.	Description	Size (Fr.)
400-700-24	Adjustable urethral dilator with knife	18 - 38

## ■ PENIS CLAMP



Order No.	Description
400-700-25	STOCKMANN penis clamp

## ■ BLADDER TROCAR





Order No.	Description	Size (Fr.)
400-700-35	Bladder trocar	16
400-700-36	Bladder trocar	18
400-700-37	Bladder trocar	20
400-700-38	Bladder trocar	22

## ■ FISTULA NEEDLE



Order No.	Description	Size (Fr.)
400-700-39	Fistula needle	16
400-700-40	Fistula needle	18
400-700-41	Fistula needle	20
400-700-42	Fistula needle	22
400-700-43	Fistula needle	24


## FLOW ADAPTER

Order No.	Description	Image
400-444-00	Luer-lock Adapter Out Flow	
400-444-01	In Flow Adapter	


## SEALING CAP

Order No.	Description	Image
400-444-02	Sealing Cap	

## ELLIK EVACUATOR

Order No.	Description	Image
400-444-03	Ellik evacuator	
400-444-04	Ellik adaptor	

## BLADDER SYRINGE

Order No.	Description	Image
400-444-05	Bladder syringe, 150 cc	

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