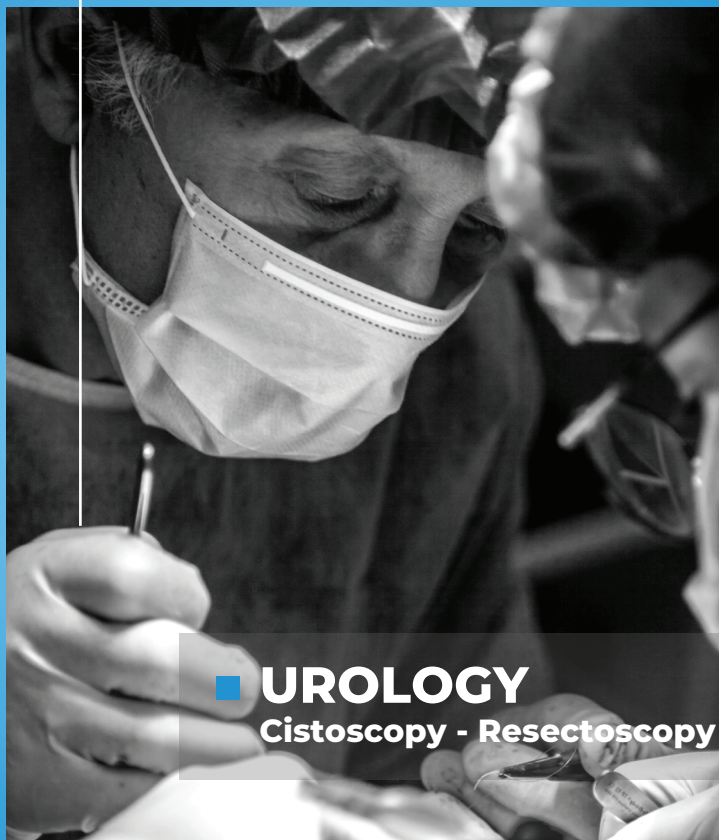


2024

product catalog



**UROLOGY**  
Cistoscopy - Resectoscopy



- 
- 03** Accesories
  - 04** Flexible urethroscope
  - 05** Flexible Cystoscope
  - 06** HL35
  - 07** New Bipolar
  - 08** Monopolar & Bipolar
  - 09** Monopolar Electrodes
  - 10** Bipolar Electrodes
  - 11** Restocopy 19 Fr /22 Fr / 24 Fr.
  - 12** Cystoscopy- Urethroscopy

- 15** Flexibles
- 17** Urethroscopy - Inserts
- 19** Nephroscopy
- 21** Mini-neproscopy
- 23** Pediatric laser
- 24** Accesories
- 25** Led 10W portable Light Stick
- 26** Quatro 8
- 28** Headlight special



**2024**  
Product catalog

**MEDICAL MONITORS**

- ▷ Screen Size 23.8"
- ▷ Resolution 1920 x 1080
- ▷ Brightness 600cd/m<sup>2</sup>
- ▷ Color Depth 16.7M colors
- ▷ Viewing angle 78/178
- ▷ Response time (GtoG) 14ms



**M-23.8CL1**

**COMBO**

Full HD Camera + 300w. LED Lightsource  
Records in full HD 1080p 60 frames



- ▷ LED 300
  - ▷ 1/3" 3.0 Megapixel CMOS Sensor
  - ▷ Color: 0.1Lux@F1.2
  - ▷ 1920x1080 / 60Hz Full HD
  - ▷ 3G SDI 1080p
  - ▷ HDMI 1080p
  - ▷ C-Video composite video
  - ▷ 5300 K
  - ▷ Width: 27 cm / Depth: 32 cm / Height: 12 cm
- E-CHD1**

**HIGH FLOW 40-LITER INSUFFLATOR**



**5 Years Warranty**

- ▷ Digital Insufflator 40 liter
- ▷ Width: 27 cm / Depth: 32 cm / Height: 12 cm
- ▷ The highest flow rate available on the market
- ▷ Visual and audible warning signals
- ▷ Safety Relief Valve
- ▷ Internal Leakage Detection
- ▷ Optional gas heating technology

**E-IN40**

**AUTOClave, 134° C/273° F**



**Telescopes**

Direction of view	Ø 2.0mm	Ø 2.9 mm	Ø 4.0 mm
0°	E020-240-00	E029-303-00	E040-303-00
12°	E020-240-12	E029-303-12	E040-303-12
30°	E020-240-30	E029-303-30	E040-303-30
70°	E020-240-70	E029-303-70	E040-303-70

**UNIVERSAL LIGHT CABLE**

Ø	Working length	
3.5 mm	1800 mm	E-1-035-18
3.5 mm	2300 mm	E-1-035-23
3.5 mm	3000 mm	E-1-035-30
4.8 mm	1800 mm	E-1-048-18
4.8 mm	2300 mm	E-1-048-23
4.8 mm	3000 mm	E-1-048-30

With silicone-rubber sheath, autoclavable, waterproof, very flexible, heat resistant from approx. -60° to approx. +180° Centigrade

**LIGTH CABLE - LIGHT SOURCE - ADAPTER**

Storz		E-1-1-S
Olympus		E-1-1-O
Wolf / Dyonics		E-1-1-WD
ACMI / British Standard		E-1-1-AB
Pentax		E-1-1-P
Fuji		E-1-1-F

**LIGTH CABLE - ENDOSCOPE - ADAPTER**

Storz / Olympus		E-1-2-SO
Wolf		E-1-2-W
ACMI		E-1-2-A

**MINI 100W LED LIGTH SOURCE**



**+60% Light**

- ▷ Dimensions: 9x12x7cm
- ▷ Pound: 280

E-L100



# UF 30 URETHERO-RENSCOPE



## HD

Urethero flex. U-UF-30

- WIRELESS VIDEO TRANSMISSION
- NO OPTICAL FIBER
- HANDHELD, PORTABLE, EASY USE

### ■ ACCESSORIES



Wifi

E 1-220-825



Display cable

E 2-221-827



Display

E 1-221-829

### ■ SPECIFICATIONS

Field of view	120°
Direction of view	0° (forward)
Depth of view field	3mm - 50mm
Bending section angulation range	Up 275° / Down 275°
Distal end outer diameter	Φ 4.8mm / 14.4 Fr
Outer diameter of insertion tube	Φ 3.0mm / 9 Fr
Inner diameter of instrument channel	Φ 1.2mm / 3.2 Fr
Working length	700mm
Weight	400grams

# CF 52 CYSTOSCOPE



Cystoscope flex. U-CF-52

- COMPLETELY SEALED
- CRYSTAL CLEAR IMAGE
- NON-CORROSIVE
- ERGONOMIC DESIGN
- SAPPHIRE GLASS LENSES

## ■ ACCESSORIES



Wifi E 1-222-825



Display cable E 2-223-827



Display E 2-223-829

## ■ SPECIFICATIONS

Field of view	120°
Direction of view	0° (forward)
Depth of view field	3 - 50mm
Bending section angulation range	Up 210° / Down 120°
Distal end outer diameter	Φ 4,8mm / 14.4 Fr
Insertion tube outer diameter	Φ 5,4mm / 16.2 Fr
Instrument channel inner channel diameter	Φ 2,2mm / 6.6 Fr
Working length	300mm
Weight	400 grams

# HL35

## The indispensable, compact Holmium Laser

### MAIN APPLICATION FIELDS

- **UROLOGY**
  - | Urinary lithotripsy
  - | Urethrotomy
- **GENERAL SURGERY**
  - | Common bile duct stones

HL35      U-HL-35



### ■ SPECIFICATIONS

<b>Laser Source</b>	HL35, Holmium Laser
<b>Wavelength</b>	2,100 nm
<b>Emission Mode</b>	Pulsed Wave (pw)
<b>Power</b>	Up to 35 W
<b>Energy/Pulse</b>	0.2 - 8.0 J
<b>Repetition Rate</b>	3 - 30 Hz
<b>Pulse Duration</b>	95 - 1900 µm
<b>Operating Temperature Range</b>	10° - 30° C
<b>Rel. Humidity</b>	30% - 75 % (no condensation)
<b>Cooling</b>	Internal water cooling
<b>Beam Delivery</b>	Wide Range of Flexible Optical Fiber
<b>Aiming Beam</b>	Laser Diode @ 532 nm <5 mW, adjustable
<b>Control Panel</b>	7" LCD TFT touchscreen display
<b>Accessories</b>	Fiber handpieces and diverse cannulas Bare fibers (reusable and single use) available in following diameters: 200, 272, 365, 400, 550, 600, 800, 1000 µm
<b>Electrical Requirements</b>	115 VAC - 50/60 Hz 16 A 230 VAC, 50Hz, 10 A
<b>Dimensions and Weight</b>	50 (W) x 40 (D) x 54 (H) cm - 53 kg

## NEW SALINE BIPOLAR RESECTION

### ■ 22/24 Fr. 4mm



U-2-005-17

### ■ 24/ 26 Fr. 4mm



U-2-005-18

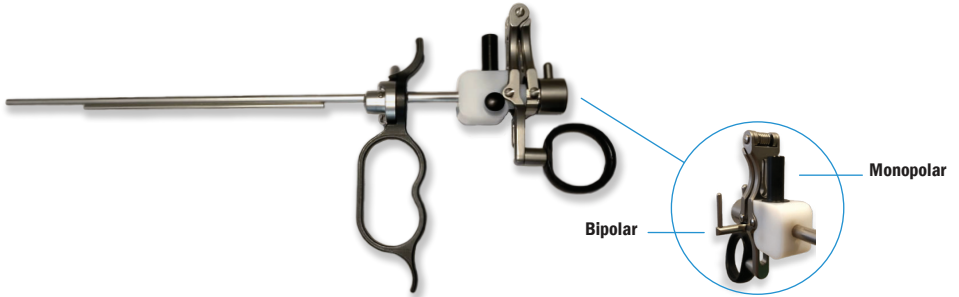
- ▶ **Efficient cutting with all new plasma generators**  
Immediate plasma activation without touching tissue
- ▶ **Electrical safety performance**  
Unit, resector and loops designed and manufactured by RG Medical
- ▶ **Easy and smart**  
Optional compatible to ACMI, Gyrus, Olympus, Storz and Wolf shearth systems

### ■ LASER 19/22/24 Fr. WORKING ELEMENTS



	Optic	
19 Ch./Fr	2.9 mm	U-2- 005-19
22 Ch./Fr	4 mm	U-2- 005-22
24 Ch./Fr	4 mm	U-2- 005-24

# DUO MONOPOLAR & BIPOLAR WORKING ELEMENT



## ■ Working unit, passive, Bipolar

Standard passive bipolar

22/24 Fr. U-1-300-22

## ■ Working unit, active, Bipolar

Standard

22/24 Fr. U-1-310-22

## ■ BIPOLAR FLEXIBLES ELECTRODES



Flexible straight needle  
Ø 5h - 360mm U-1-370-00



Flexible needle  
Ø 5h - 360mm U-1-370-01



Flexible button  
Ø 5h - 360mm U-1-370-02

# BIPOLAR ELECTRODES

Cutting loop, retrograde 30°



- 22 Ch./Fr U-1-**400-22**
- 24 Ch./Fr U-1-**400-24**

Cutting loop straight



- 22 Ch./Fr U-1-**402-22**
- 24 Ch./Fr U-1-**402-24**

Cutting loop, retrograde 0°



- 22 Ch./Fr U-1-**403-22**
- 24 Ch./Fr U-1-**403-24**

Knife electrode



- 22 Ch./Fr U-1-**406-22**
- 24 Ch./Fr U-1-**406-24**

Roller ball electrode 3mm



- 22 Ch./Fr U-1-**408-22**
- 24 Ch./Fr U-1-**408-24**

Roller ball electrode 5mm



- 22 Ch./Fr U-1-**410-22**
- 24 Ch./Fr U-1-**410-24**

Roller barrel electrode 3mm



- 22 Ch./Fr U-1-**414-22**
- 24 Ch./Fr U-1-**414-24**

Roller barrel electrode 5mm



- 22 Ch./Fr U-1-**415-22**
- 24 Ch./Fr U-1-**415-24**

Thick



- 22 Ch./Fr U-1-**418-22**
- 24 Ch./Fr U-1-**418-24**

Mushroom



- 22 Ch./Fr U-1-**416-22**
- 24 Ch./Fr U-1-**416-24**

Enucleation electrode



- 22 Ch./Fr U-1-**419-22**
- 24 Ch./Fr U-1-**419-24**

Cone



- 22 Ch./Fr U-1-**420-22**
- 24 Ch./Fr U-1-**420-24**

Vaporization toothed 3mm



- 22 Ch./Fr U-1-**422-22**
- 24 Ch./Fr U-1-**422-24**

Vaporization smooth 3mm



- 22 Ch./Fr U-1-**424-22**
- 24 Ch./Fr U-1-**424-24**

Vaporization smooth 5mm



- 22 Ch./Fr U-1-**426-22**
- 24 Ch./Fr U-1-**426-24**

Double 4 mm Banana plug



U-1-380-00

Bipolar HF connecting cord



U-1-380-01


Valleylap plug



U-1-380-02


# MONOPOLAR ELECTRODES

**Cutting loop, retrograde 30°**




■ 24/26 Fr. U-1-200-24

**Cutting loop straight**




■ 24/26 Fr. U-1-202-24

**Cutting loop, 0°**




■ 24/26 Fr. U-1-203-24

**Retrograde cutting band**




■ 24 /26 Fr. U-1-204-24

**Knife electrode**




■ 24/26 Fr. U-1-206-24

**3mm roller ball electrode**




■ 24/26 Fr. U-1-208-24

**5mm roller ball electrode**




■ 24/26 Fr. U-1-209-24

**3mm roller barrel electrode**




■ 24/26 Fr. U-1-210-24

**5mm roller barrel electrode**




■ 24/26 Fr. U-1-211-24

**3mm grooved roller electrode**




■ 24/26 Fr. U-1-214-24

**5mm grooved roller electrode**




■ 24/26 Fr. U-1-216-24

**Conus electrode**




■ 24/26 Fr. U-1-218-24

**3mm roller spike electrode**




■ 24/26 Fr. U-1-220-24

**5mm roller spike electrode**




■ 24/26 Fr. U-1-222-24

**3mm vaporization electrode**




■ 24/26 Fr. U-1-224-24


**Monopolar HF connecting cord**




**Double 4 mm Banana plug** U-1-180-00



**Double 5mm Banana plug** U-1-180-02



**Bovie plug** U-1-180-04



# RESECTOSCOPY 22/24Fr. & 24/26Fr.

## ROTATING CONTINUOUS-FLOW RESECTOSCOPE SHEATH COMPLETE



### Standard

- 22 Ch./Fr     U-1- 530-22
- 1 exterior tube   U-1- 534-22
- 1 inner tube     U-1- 532-22
- 1 obturator      U-1- 580-22

- 24 Ch./Fr     U-1- 530-24
- 1 exterior tube   U-1- 534-24
- 1 inner tube     U-1- 532-24
- 1 obturator      U-1- 580-24



- ### Visual obturator only
- 22 Ch./Fr     U-1- 590-22
  - 24 Ch./Fr     U-1- 590-24



- ### Obturator, standard only
- 22 Ch./Fr     U-1- 580-22
  - 24 Ch./Fr     U-1- 521-24



- ### With working channel
- 22 Ch./Fr     U-1- 591-22
  - 24 Ch./Fr     U-1- 591-24



- ### Obturator, deflecting only
- 22 Ch./Fr     U-1- 582-22
  - 24 Ch./Fr     U-1- 522-24

### Resectoscope adapter



U-1-520-01



## OPTICAL INSTRUMENTS



Grasping forceps



Biopsy forceps, through-cutting



Biopsy forceps, spoon-shaped



Grasping forceps for stents



Biopsy forceps, spoon-shaped, retrograde



Biopsy forceps, cup-shaped



Scissors



U-2-410-00

U-2-410-02

U-2-410-04

U-2-410-07

U-2-410-06

U-2-410-08

U-2-410-10



- U-2-510-01 Stone Punch Mauermayer Style
- U-2-510-02 Lithotripsy sheath with central valve
- U-2-510-03 Telescope adapter with 7Fr Instrument channel, for flexible instruments only
- U-2-510-04 Standard Obturator

Stone crushing forceps



U-2-511-01

Small stone crushing forceps



U-2-512-01

Stone Crushing forceps



U-2-510-12

Adapter for stone crushing forceps



U-2-510-13

Adapter for small resectoscope



U-2-510-14

Cystoscope adapter for females



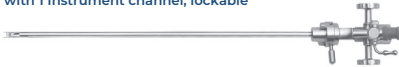
U-2-510-15

## Cystoscope Urethroscope sheaths



Size	Sheath incl. obturator	Sheath only	Oburator only
17 Ch / Fr	U-2-125-17	U-2-120-17	U-2-180-17
19 Ch / Fr	U-2-125-19	U-2-120-19	U-2-180-19
21 Ch / Fr	U-2-125-21	U-2-120-21	U-2-180-21
23 Ch / Fr	U-2-125-23	U-2-120-23	U-2-180-23
25 Ch / Fr	U-2-125-25	U-2-120-25	U-2-180-25

Albarran catheter deflecting mechanism with 1 instrument channel, lockable



Single working channel U-2-195-01

Albarran catheter deflecting mechanism with 2 instrument channel, lockable



Double working channel U-2-195-02

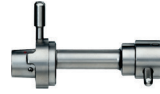
Visual Obturator only



24 Ch / Fr U-2-190-24

27 Ch / Fr U-2-190-27

Telescope bridge, diagnostic



U-2-352-00

Telescope bridge with 1 working channel



U-2-352-01

Telescope Bridge with 2 working channel



U-2-352-02

Cap Accessories



U-2-352-03

Continuous flow laser cystoscope sheath with hi flow ports



Laser channel



23 Ch / Fr

U-2-110-23

Visual obturator



23 Ch / Fr

U-2-111-23

Obturator



23 Ch / Fr

U-2-112-23

# SEMI-RIGID URETHERO-RENOSCOPES

## 8.0/9.8 Fr. - 12

AUTO CLAVE 134° C / 273° F -



Proximal end	Working length	Fr.	Color	Direct. of view	Ch. Size	Ch. Capacity	Code
 <p><b>Marberger</b> Laterally Offset Eyepiece</p>	315 mm	8 / 9.8	■	12°	5.2 x 6.2 Fr.	1 x 5 Fr. 2 x 3 Fr.	<b>U-3-600-31</b>
	<b>HD Mini</b> 315 mm	6 / 7.5				1 x 4 Fr.	<b>U-3-601-31</b>
	430 mm	8 / 9.8	■	12°	5.2 x 6.2 Fr.	1 x 5 Fr. 2 x 3 Fr.	<b>U-3-601-43</b>
	<b>HD Mini</b> 430 mm	6 / 7.5				1 x 4 Fr.	<b>U-3-602-31</b>
 <p><b>Bichler</b> Óptica Lateral</p>	315 mm	8 / 9.8	■	12°	5.2 x 6.2 Fr.	1 x 5 Fr. 2 x 3 Fr.	<b>U-3-602-31</b>
	<b>HD Mini</b> 315 mm	6 / 7.5				1 x 4 Fr.	<b>U-3-603-43</b>
	430 mm	8 / 9.8	■	12°	5.2 x 6.2 Fr.	1 x 5 Fr. 2 x 3 Fr.	<b>U-3-602-43</b>
	<b>HD Mini</b> 430 mm	6 / 7.5				1 x 4 Fr.	<b>U-3-603-43</b>

# FLEXIBLE SURGERY INSTRUMENTS



## Scissors



**3 Ch./Fr**  
**4 Ch./Fr**  
**5 Ch./Fr**  
**7 Ch./Fr**  
**9 Ch./Fr**

### FLEXIBLE

**400 mm**      **600 mm**

E-2-403-40	E-2-403-40
E-2-404-40	E-2-404-40
E-2-405-40	E-2-405-40
E-2-407-40	E-2-407-40
E-2-409-40	E-2-409-40

### RIGID

**380 mm**      **600 mm**

E-2-403-40R	E-2-403-40R
E-2-404-40R	E-2-404-40R
E-2-405-40R	E-2-405-40R
E-2-407-40R	E-2-407-40R
E-2-409-40R	E-2-409-40R

## Biopsy forceps, double spoon jaws



**3 Ch./Fr**  
**4 Ch./Fr**  
**5 Ch./Fr**  
**7 Ch./Fr**  
**9 Ch./Fr**

### FLEXIBLE

**400 mm**      **600 mm**

E-2-413-40	E-2-413-40
E-2-414-40	E-2-414-40
E-2-415-40	E-2-415-40
E-2-417-40	E-2-417-40
E-2-419-40	E-2-419-40

### RIGID

**380 mm**      **600 mm**

E-2-413-40R	E-2-413-40R
E-2-414-40R	E-2-414-40R
E-2-415-40R	E-2-415-40R
E-2-417-40R	E-2-417-40R
E-2-419-40R	E-2-419-40R

## Foreign bodies forceps



**3 Ch./Fr**  
**4 Ch./Fr**  
**5 Ch./Fr**  
**7 Ch./Fr**  
**9 Ch./Fr**

### FLEXIBLE

**400 mm**      **600 mm**

E-2-423-40	E-2-423-40
E-2-424-40	E-2-424-40
E-2-425-40	E-2-425-40
E-2-427-40	E-2-427-40
E-2-429-40	E-2-429-40

### RIGID

**380 mm**      **600 mm**

E-2-423-40R	E-2-423-40R
E-2-424-40R	E-2-424-40R
E-2-425-40R	E-2-425-40R
E-2-427-40R	E-2-427-40R
E-2-429-40R	E-2-429-40R

## Alligator jaw



**3 Ch./Fr**  
**4 Ch./Fr**  
**5 Ch./Fr**  
**7 Ch./Fr**  
**9 Ch./Fr**

### FLEXIBLE

**400 mm**      **600 mm**

E-2-433-40	E-2-433-40
E-2-434-40	E-2-434-40
E-2-435-40	E-2-435-40
E-2-437-40	E-2-437-40
E-2-439-40	E-2-439-40

### RIGID

**380 mm**      **600 mm**

E-2-433-40R	E-2-433-40R
E-2-434-40R	E-2-434-40R
E-2-435-40R	E-2-435-40R
E-2-437-40R	E-2-437-40R
E-2-439-40R	E-2-439-40R

## Alligator teeth



**3 Ch./Fr**  
**4 Ch./Fr**  
**5 Ch./Fr**  
**7 Ch./Fr**  
**9 Ch./Fr**

### FLEXIBLE

**400 mm**      **600 mm**

E-2-443-40	E-2-443-40
E-2-444-40	E-2-444-40
E-2-445-40	E-2-445-40
E-2-446-40	E-2-447-40
E-2-449-40	E-2-449-40

### RIGID

**380 mm**      **600 mm**

E-2-443-40R	E-2-443-40R
E-2-444-40R	E-2-444-40R
E-2-445-40R	E-2-445-40R
E-2-447-40R	E-2-447-40R
E-2-449-40R	E-2-449-40R

# URETEROSCOPE INSERT

Grasping forceps, serrated



5 Ch./Fr  
7 Ch./Fr

FLEXIBLE

**400 mm**      **600 mm**

E-2-457-40    E-2-457-40  
E-2-459-40    E-2-459-40

RIGID

**380 mm**      **600 mm**

E-2-457-40R    E-2-457-40R  
E-2-459-40R    E-2-459-40R

Grasping forceps, serrated, hollow



5 Ch./Fr  
7 Ch./Fr

FLEXIBLE

**400 mm**      **600 mm**

E-2-467-40    E-2-467-40  
E-2-469-40    E-2-469-40

RIGID

**380 mm**      **600 mm**

E-2-467-40R    E-2-467-40R  
E-2-469-40R    E-2-469-40R

Spoon grasping forceps,  
oval and serrated



7 Ch./Fr

FLEXIBLE

**400 mm**      **600 mm**

E-2-477-40    E-2-477-40

RIGID

**380 mm**      **600 mm**

E-2-477-40R    E-2-477-40R

DJ forceps



7 Ch./Fr

FLEXIBLE

**400 mm**      **600 mm**

E-2-487-40    E-2-487-40

RIGID

**380 mm**      **600 mm**

E-2-487-40R    E-2-487-40R

Grasping forceps



7 Ch./Fr

FLEXIBLE

**400 mm**      **600 mm**

E-2-497-40    E-2-497-40

RIGID

**380 mm**      **600 mm**

E-2-497-40R    E-2-497-40R

# URETHROSCOPE INSERT

**Scissors, double action**




**7 Ch./Fr**

**FLEXIBLE**  
**400 mm**    **600 mm**  
 E-2-507-40    E-2-507-40

**RIGID**  
**380 mm**    **600 mm**  
 E-2-507-40R    E-2-507-40R

**Hook scissors**



**7 Ch./Fr**

**FLEXIBLE**  
**400 mm**    **600 mm**  
 E-2-517-40    E-2-517-40

**RIGID**  
**380 mm**    **600 mm**  
 E-2-517-40R    E-2-517-40R

**Grasping forceps for stone fragments**



**7 Ch./Fr**

**FLEXIBLE**  
**400 mm**    **600 mm**  
 E-2-527-40    E-2-527-40

**RIGID**  
**400 mm**    **600 mm**  
 E-2-527-40R    E-2-527-40R

**URETHRAL STONE DISLODGER**

5 Ch./Fr. - 600 mm    E-2-400-24



**Needle, flexible**  
 5 Ch./Fr. - 600 mm    E-2-400-20



**Loop electrode**  
 7 Ch./Fr. - 600 mm    E-2-262-60



**Needle electrode**  
 5 Ch./Fr. - 600 mm    E-2-262-67



**Ball electrode**  
 7 Ch./Fr. - 600 mm    E-2-260-60



**Dormia Ureteral Dislodger**  
 5 Ch./Fr. - 600 mm    E-2-400-22



**Connecting cor**  
 E-2-290-00

Urethrotome sheath



U-3-120-21

Cold knives straight



U-3-380-00

Obturator only



U-3-180-21

Cold knives half round



U-3-380-02

Guide tube, half round, to insert a ballon catheter



U-3-124-21

Other models on request

Sheath for continuous suction / irrigation



U-3-130-21

Protection and sterilization tray



U-3-390-00

Foley male catheter, cylindrical tip



Ch./Fr.

12	AA3712
14	AA2714
16	AA3716
18	AA3718
20	AA3720
22	AA3722
24	AA3724

15ml balloon, luer value, length 42cm, soft latex, box of 10, sterile

15 ml balloon, Luer value



Ch./Fr.

12	AA3812
14	AA2814
16	AA3816
18	AA3818
20	AA3820
22	AA3822

15ml balloon, luer value, length 42cm, semi-rigid latex, box of 10, sterile

Cylindrical ureteral catheter



Ch./Fr.

3	AC5303
4	AC5304
5	AC5305
6	AC5306
7	AC5307
8	AC5308
9	AC5309
10	AC5310
11	AC5311
12	AC5312

Cylindrical ureteral catheter box of 10, sterile

# SLIM NEPHROSCOPE 12 FR / 9FR. CHANNEL

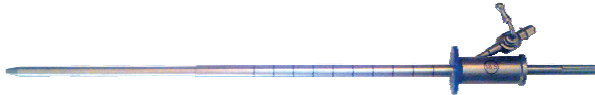


U-3-800-01

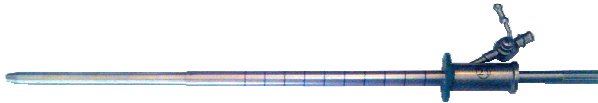
## Sheath Set



15 Fr.  
U-3-800-15



16.5 Fr.  
U-3-800-16



















21 Fr.  
U-3-800-21



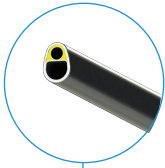
# NEPHROSCOPE

## 5MM WITH TWO 4.5 CONTINUOUS FLUID CHANNEL



Proximal end	Working length	Diameter	Code
 90° Offset Eyepiece	200 mm	5 mm	U4- <b>800-20</b>
	250 mm	5 mm	U4- <b>800-25</b>
 45° Offset Eyepiece	200 mm	5 mm	U4- <b>801-20</b>
	250 mm	5 mm	U4- <b>801-25</b>
 Nephroscope sheath, fixed stopcock	 200 mm	24 F	U4- <b>824-20</b>
	 250 mm	24 F	U4- <b>824-25</b>
	 200 mm	26 F	U4- <b>826-20</b>
	 250 mm	26 F	U4- <b>826-25</b>
Nephroscope sheath, rotating stopcock	 200 mm	24 F	U4- <b>834-20</b>
	 250 mm	24 F	U4- <b>834-25</b>
	 200 mm	26 F	U4- <b>836-20</b>
	 250 mm	26 F	U4- <b>836-25</b>
 Nephroscope obturator	 200 mm	24 F	U4- <b>814-20</b>
	 250 mm	24 F	U4- <b>814-25</b>
	 200 mm	26 F	U4- <b>816-20</b>
	 250 mm	26 F	U4- <b>816-25</b>

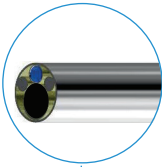
# MINI-NEPHROSCOPE



**Description**

Length 220mm.  
 Outer tube dim.7,5-9 | 12 Fr.  
 Working channel 5/6 Ch  
 Direction of view 5°  
 Field of view 85°  
 Pixel 40.0000

**U-3-800-02**



**Description**

Nephroscope with 30° angled ocular,  
 Length 220mm,  
 viewing angle 6/12°,  
 Ø 6,8Ch working channel, 1x2, 0mm.

**U-3-800-03**

**Sheath Set**



**Description**

- Operative sheath 15/16Ch, for continuous flow/ Mini-Nephroscopy
- Operative sheath 16,5/19,5Ch, for continuous flow/ Mini-Nephroscopy
- Operative sheath 21/24Ch, for continuous flow/ Mini-Nephroscopy
- Applicator for seal, to be used with sheath + plunger
- Dilator with central channel for wire guiding, for 15/18Ch sheath
- Dilator, double channel for wire guiding, for 16,5/19,5Ch sheath
- Dilator, double channel for wire guiding, for 21/24Ch sheath

- U-3-801-00**
- U-3-801-01**
- U-3-801-02**
- U-3-801-03**
- U-3-801-04**
- U-3-801-05**
- U-3-801-06**

# MINI-NEPHROSCOPE FORCEPS, SEMIRIGID

Fix handle system with luer lock port for easy and optimal cleaning



## GRASPING FORCEPS

WL 3mm 450mm

WL 3,5mm 350mm

WL 3,5mm 450mm

### 3-prongs Retraver forceps



U-3-802-04

U-3-803-04

U-3-804-04

### Grasping forceps Alligator 2 teeth



U-3-802-05

U-3-803-05

U-3-804-06

### Grasping forceps fine serrated



U-3-803-06

U-3-804-06

### Stone grasping forceps for nephroscope, serrated jaws



U-3-802-00

U-3-803-00

U-3-804-00

### Stone grasping forceps for nephroscope, serrated jaws, Alligator



U-3-802-01

U-3-803-01

U-3-804-01

### Biopsy forceps for nephroscope, cup, sharp, single action jaws

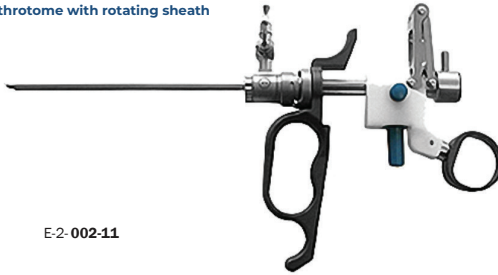


U-3-802-02

U-3-803-02

U-3-804-02

**Optical Urethrotome with rotating sheath**



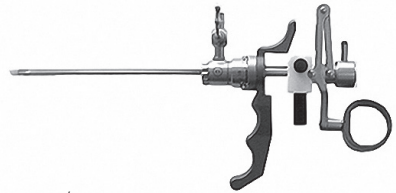
11 Ch./F      E-2-002-11

**Cystoscope with deflector and 3 Fr. channel**

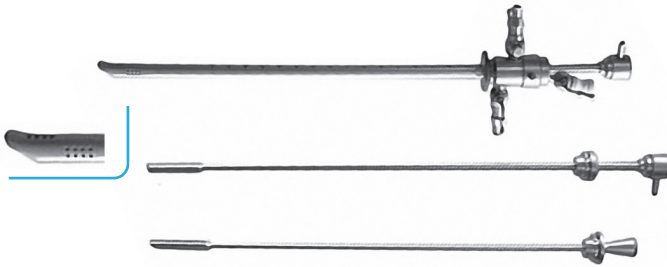


13 Ch./F      E-2-006-13

**Resectoscope with rotating sheath**



11 Ch./F      E-2-004-11



**Continuous flow, 9,5 Fr. laser cystoscope sheath with hi flow ports**

E-2-010-09

**Obturator for 9,5 Fr. laser cystoscope sheath**

E-2-020-09

**Continuous flow laser cysto bridge and inner sheath with 7 Fr. working channel**

E-2-030-07

**Visual obturator 7Fr. laser cystoscope sheath**

E-2-040-07



**Scissor forceps, 3Fr. flexible**

E-2-101-07



**Grasping forceps, 3Fr. flexible**

E-2-103-07



**Biopsy forceps, 3Fr. flexible**

E-2-106-07

Franklin-Silvermann's prostate biopsy cannula



U-9-500-00

Otis urethrotome



Complete with interchangeable tips (straight, bent and spherical) including two knives.

U-9-510-00

Spare knife

U-9-510-20

Guyon's catheter introducer



straight

U-9-502-00

curved

U-9-502-01

Dittel's metal bougies, straight



Ch./Fr.	Ch./Fr.	Ch./Fr.
8 U-9-100-08	16 U-9-100-16	24 U-9-100-24
9 U-9-100-09	17 U-9-100-17	25 U-9-100-25
10 U-9-100-10	18 U-9-100-18	26 U-9-100-26
11 U-9-100-11	19 U-9-100-19	27 U-9-100-27
12 U-9-100-12	20 U-9-100-20	28 U-9-100-28
13 U-9-100-13	21 U-9-100-21	29 U-9-100-29
14 U-9-100-14	22 U-9-100-22	30 U-9-100-30
15 U-9-100-15	23 U-9-100-23	32 U-9-100-32

ACCESSORIES

Bladder syringes



50 ml	U-9-504-05
100 ml	U-9-504-10
150 ml	U-9-504-15

Ellik Evacuator



U-9-506-00

Evacuator Disposable



U-9-506-01

Strauss meatus clamp



U-9-508-02

Stockmann meatus clamp



U-9-508-00

Dittel's metal bougies, slightly curved



Ch./Fr.	Ch./Fr.	Ch./Fr.
8 U-9-101-08	16 U-9-101-16	24 U-9-101-24
9 U-9-101-09	17 U-9-101-17	25 U-9-101-25
10 U-9-101-10	18 U-9-101-18	26 U-9-101-26
11 U-9-101-11	19 U-9-101-19	27 U-9-101-27
12 U-9-101-12	20 U-9-101-20	28 U-9-101-28
13 U-9-101-13	21 U-9-101-21	29 U-9-101-29
14 U-9-101-14	22 U-9-101-22	30 U-9-101-30
15 U-9-101-15	23 U-9-101-23	32 U-9-101-32

Otis bougies



Ch./Fr.	Ch./Fr.	Ch./Fr.
8 U-9-102-08	20 U-9-102-20	32 U-9-102-32
10 U-9-102-10	22 U-9-102-22	34 U-9-102-34
12 U-9-102-12	24 U-9-102-24	36 U-9-102-36
14 U-9-102-14	26 U-9-102-26	38 U-9-102-38
16 U-9-102-16	28 U-9-102-28	40 U-9-101-40
18 U-9-102-18	30 U-9-102-30	

## PORTABLE LIGHTSOURCE LED 10W



### ■ FEATURES

Compact and portable, the built-in lithium battery allows the Mini Handheld Cold Light Source to work more than 2 hours after being recharged. We design and manufacture it for use either with a rigid or flexible endoscope.

A particularly well conceived safety feature is the automatic switchover from main light source to the spare light source in case of light source failure.

Therefore the light source is always ready for emergency use and contributes to patient safety.



10W LED

**E-L10P**

### *Includes:*

- LED Device
- 2rechargeable abtteries
- Charger
- Small travell case optional



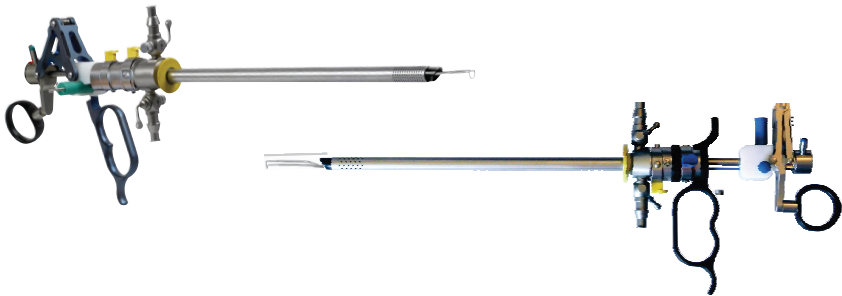
## QUATRO 8 PLASMA SURGICAL UNIT



### WITH INTEGRATED:

- Plasma bipolar TURP / Hysteroscopic
- Surgeries in Saline
- Vessel sealing system - The ligasealer
- RF- Scalpel
- Wet field bipolar
- Advanced computerised monopolar

## SALINE BIPOLAR RESECTION



- **Efficient cutting with all new plasma generators**

Immediate plasma activation without touching tissue

- **Electrical Safety Performance**

Unit, resector and loops designed and manufactured by RG Medical

- **Easy And Smart**

Optional compatible to ACMI, Gyrus, Olympus, Storz and Wolf sheath systems

## ■ OUTPUT CHARACTERISTICS

Ligasealer Modes (At 476KHz)	Maximum Open Circuit Voltage $V_{pp}(V_p)$	Maximum Short Circuit Current Arms	Maximum Power Setting Watts	Crest Factor
<b>Low</b>	340 (170)	2.1	95	1.5
<b>Medium</b>	770 (400)	2.1	125	1.5
<b>High</b>	580 (295)	4.2	300	1.5

### Weight and Dimensions

**Height:** 4.5 inch (11.5 cm)

**Width:** 14.4 inch (36 cm)

**Length:** 17.8 inch (45 cm)

**Weight:** 8 kg.

### Low Frequency Leakage (50-60Hz)

Patient leakage < 150 uArms

### Cooling Convection

### High Frequency Leakage

Less than 150 m, Arms., all output

### Input Power Requirements

**Volts:** 170-270 VAC

**Amps:** 3A

**Input:** 800 VA, 50/60 hz

### Audio Volume

The mode indicator tones are adjustable to a minimum level of 45 dba at 1 meter.

### Operating Mode

int 10s/30s

# CERTIFIED TO IEC-60601-1-2-2

## ■ OUTPUT CHARACTERISTICS

ELECTRO SURGICAL UNIT	MODE	*PER	MAX. P-P VOLTAGE	RATED LOAD (ohms)	MAX. POW. WATTS	CREST FACTOR*	DUCTY CYCL
QUANTUM	Plasma Cut Plasma Coag	98	700	50	300	2.5	N/A
			900	50	250	4.5	N/A
BIPOLAR 475KHZ	Micro/Coag Macro/Cut Plasma Bipolar	98	480	100	90	2.5	N/A
			480	100	95	1.5	N/A
			295	100	250	1.5	N/A
MONOPOLAR CUT 520KHZ	Pure/Cut 1 Cut 2/Low Blend/Gastro Cut	98	1800	300	400	1.5	N/A
			2600	500	200	2.4	N/A
			1500	200	250	1.8	N/A
MONOPOLAR COAG 450KHZ	Soft/Contact Desiccate Spray/Fulgurate Spray	97	2500	150	150	4.6	N/A
			2300	150	150	4.4	N/A
			6000	500	150	7.2	N/A
			9500	500	150	8.0	N/A

\* Crest Factor is an indicator of a waveform's ability to coagulate bleeders without cutting effect.

\* PER (Power Efficiency Rating): A measure of an electrosurgical generator's ability to deliver the selected power into a wide range of impedance.



# HEADLIGHT SPECIAL

## 10W ULTRA-BRIGHT & LITE Weight Headlight



\*also with zoom option

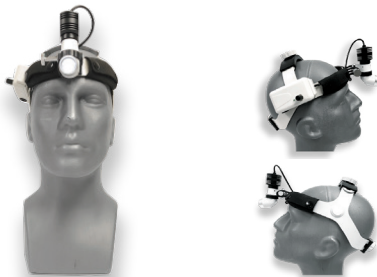
10W ultra bright -lite **E-HL10**  
focousable **E-HL10F**

## 10W ULTRA-BRIGHT Weight Headlight



10W- weight **E-HL10U**

## LED 5W HEADLIGHT Wireless



Led5- wireless **E-HL15L**

### Characteristics

**Applications:**  
Surgical, for dentistry,  
veterinary

**Lighting type:**  
LED

**Other features:**  
With rechargeable battery, for binocular  
loupe, with portable light source

### Headlights include:



- Portable travel case
- 1 Charger
- 2 rechargeable lithium-ion batteries



**MEDICAL**  
Technology germany

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