



## PROFILE

**Nationality:** Italian

**Date of birth:** April 19<sup>th</sup>, 1976

**Education:** MD at Policlinico Universitario di Palermo (Italy, 2003)

**Certification:** Obstetrics and Gynecology cum laude

**Experience:** Tokyo (2003)  
Eritrea (2008)  
Milano (2015)  
Palermo (2017)  
Bergamo (2018)

**Present status:**  
MD for Azienda Provinciale Sanitaria di Palermo, Public Health System, High Risk Pregnancy Gyn. and Obs. Dep. Palermo, Italy.

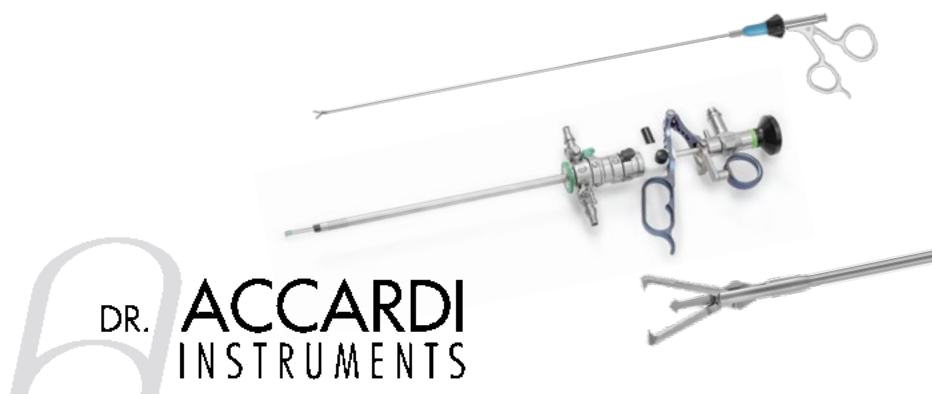
**Languages:** Italian (native)  
English

**Achivements:**

- Rotating Instruments
- Accardi's Harpoon
- Accardi's Cold Knives
- 18.5 Charr. HYBRID Resectoscope

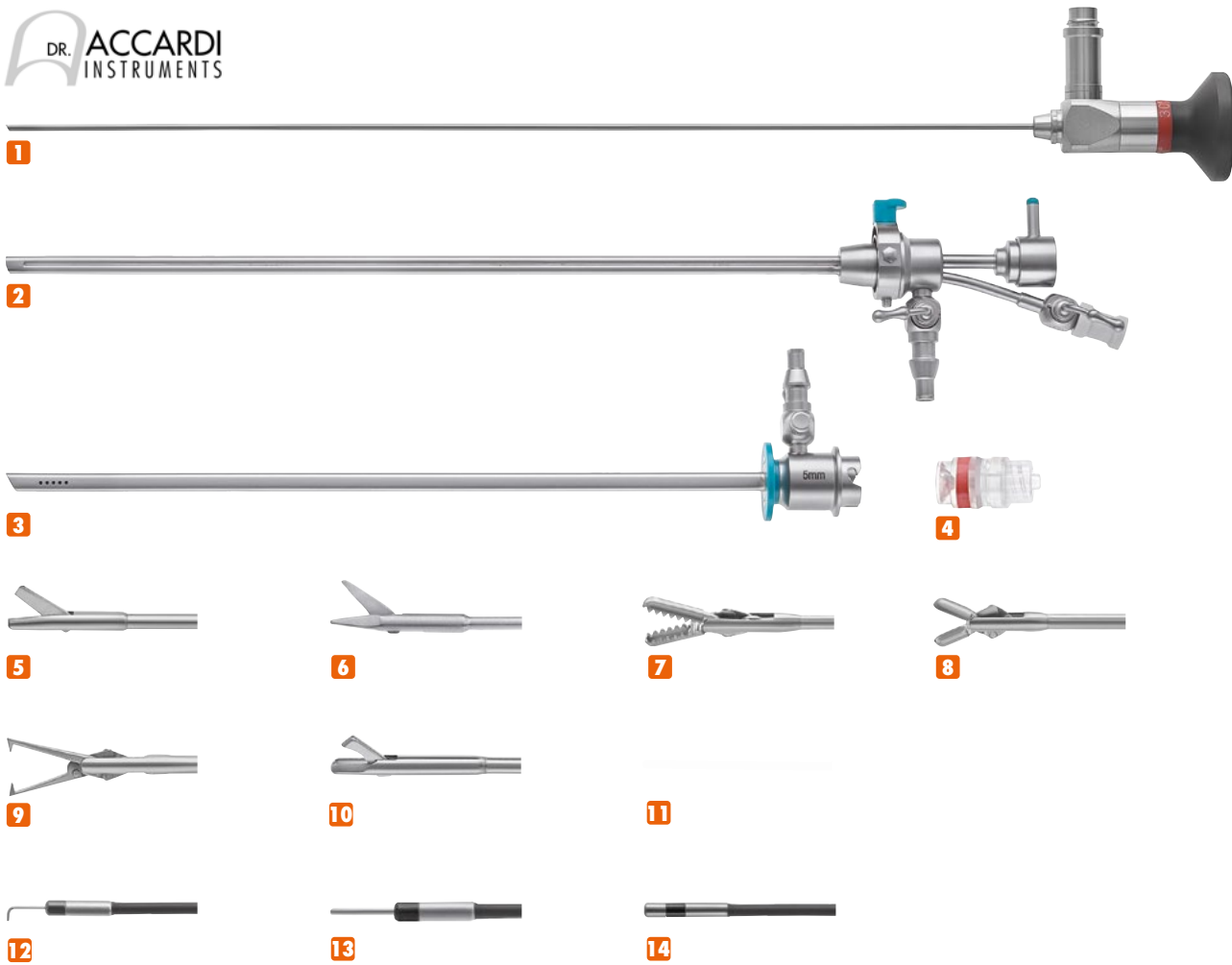
## Dr. Antonio Accardi

- Clinical and surgery formation in Humanitas Cancer Center and Research Hospital, Milan, Italy
- Founder and Chief of the Hysteroscopy outpatient Unit in Humanitas Cancer Center and Research Hospital of Milano and Bergamo
- Master in hysteroscopic surgery
- Scientific Director, Surgeon, Speaker and Tutor in many Hysteroscopy workshops
- RZ scientific consultant since 2011





Accardi Hysteroscopy & Intrauterus High-Frequency Surgery Set



### 351-900-902 Accardi Hysteroscopy & Intrauterus High-Frequency Surgery Set

<b>1</b>	Midi Hysteroscope, $\varnothing$ 2.9mm, 30°	351-829-030	1 pc.
<b>2</b>	Operating Sheath, 5 Charr.	351-400-143	1 pc.
<b>3</b>	Outer Sheath, $\varnothing$ 5mm	351-400-150	1 pc.
<b>4</b>	Disposable Silicon Valve, package with 10 pcs.	351-905-105	1 pc.
<b>5</b>	5 Charr. semi-rigid Scissors, blunt, 400mm working length	351-100-305	1 pc.
<b>6</b>	5 Charr. semi-rigid Scissors, sharp, 400mm working length	351-118-305	1 pc.
<b>7</b>	5 Charr. semi-rigid Grasping Forceps, 400mm working length	351-116-305	1 pc.
<b>8</b>	5 Charr. semi-rigid Biopsy Forceps, 400mm working length	351-120-305	1 pc.
<b>9</b>	5 Charr. semi-rigid Tenaculum Forceps, 400mm working length	351-117-305	1 pc.
<b>10</b>	5 Charr. semi-rigid Biopsy Punch Forceps, 400mm working length	351-126-305	1 pc.
<b>11</b>	5 Charr. Palpation Probe, 400mm working length	351-125-105	1 pc.
<b>12</b>	5 Charr. Bipolar Needle Electrode, 90°, 360mm working length	351-360-015	1 pc.
<b>13</b>	5 Charr. Bipolar Needle Electrode, straight, 360mm working length	351-360-005	1 pc.
<b>14</b>	5 Charr. Bipolar Ball Electrode, 360mm working length	351-370-105	1 pc.

**CONFIGURATIONS** by RZ Hysteroscopy Equipment Set

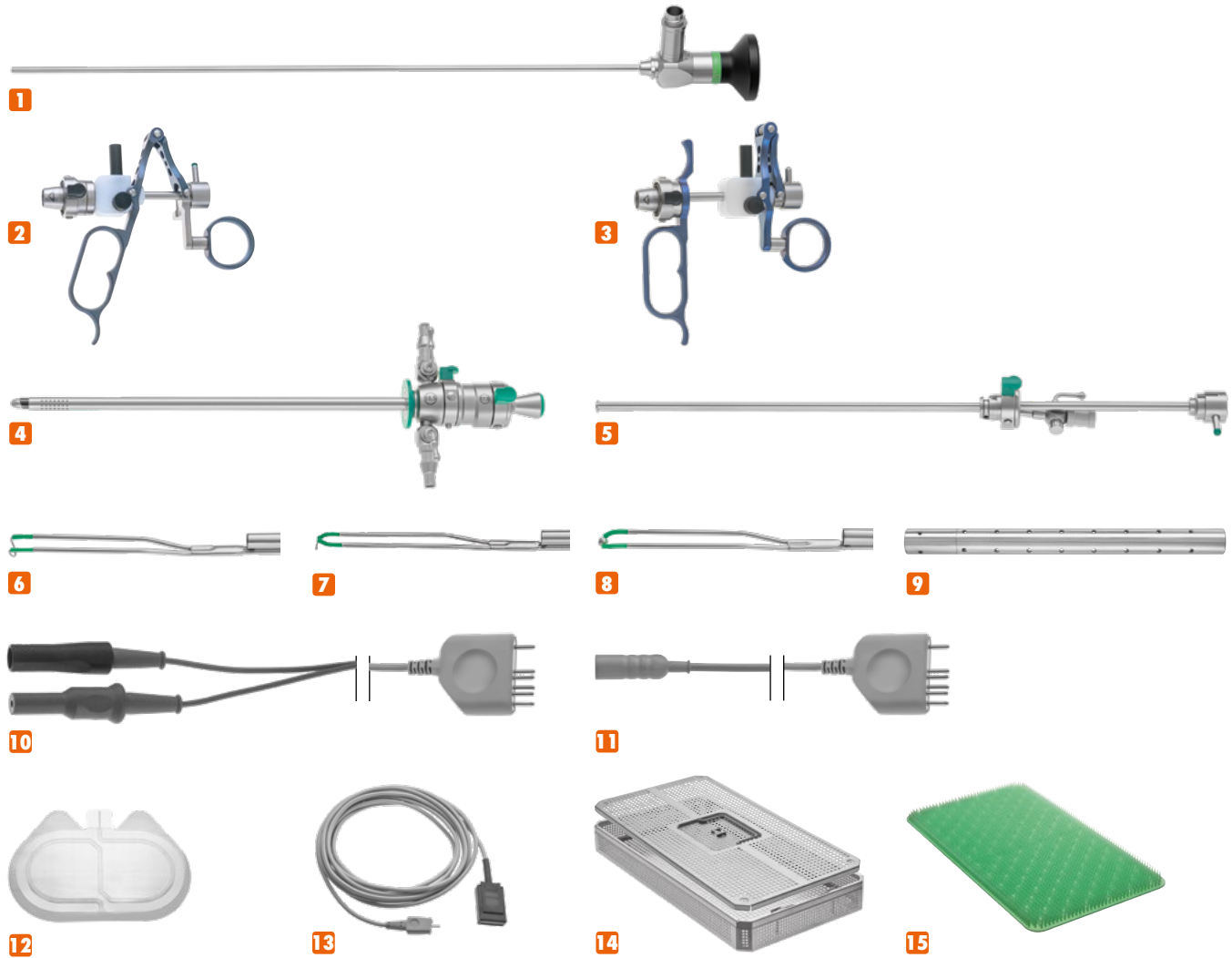


351-900-906 Hysteroscopy Equipment Set

<b>1</b>	Basic Irrigation Pump P1	351-100-200	1 pc.
<b>2</b>	3-Chip HD Camera F4	300-001-804	1 pc.
<b>3</b>	TV-Coupler, f=14mm	300-001-813	1 pc.
<b>4</b>	27" Radiance Monitor	300-010-226	1 pc.
<b>5</b>	LUMEN LED 1 Light Source	300-900-180	1 pc.
<b>6</b>	Fiber Optic Light Cable, 2300mm	250-035-230	1 pc.
<b>7</b>	Adapter RZ/Storz	250-039-000	1 pc.
<b>8</b>	Adapter RZ/Storz/Olympus	250-042-000	1 pc.
<b>9</b>	RZ Trolley	300-001-999	1 pc.
<b>10</b>	Highfrequency Generator G44, 230V	700-340-400	1 pc.



### 18.5 Charr. Grazia Hybrid Resectoscope Set



### 351-900-911 18.5 Charr. Grazia Hybrid Resection Set

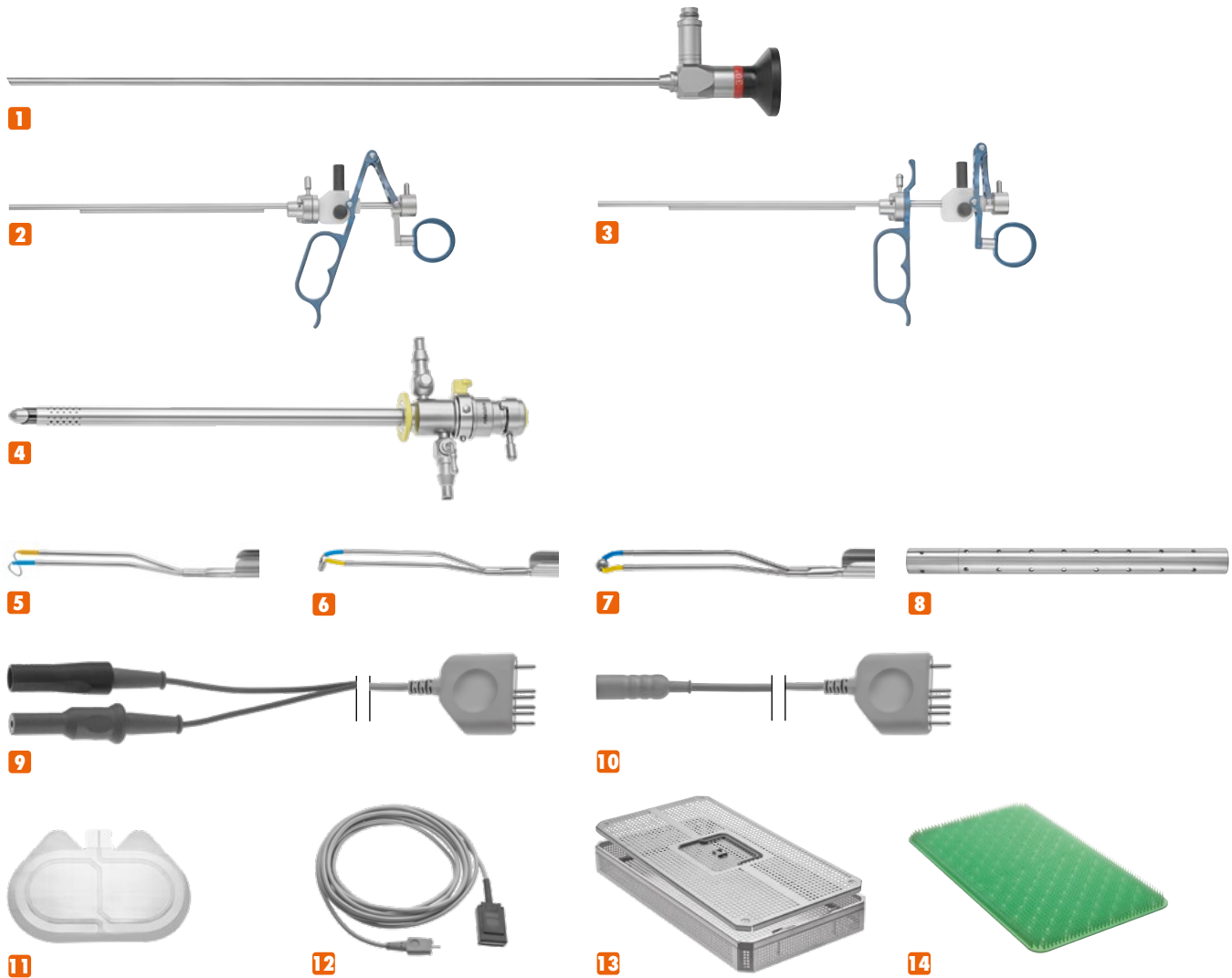
<b>1</b>	Midi Hysteroscope, Ø 2.9mm, 0°	351-829-000	1 pc.
<b>2</b>	Grazia HYBRID Working Element, active*	351-400-201	1 pc.
<b>3</b>	Grazia HYBRID Working Element, passive*	351-400-200	1 pc.
<b>4</b>	Resectoscope Sheath, rotatable, ceramic tip	351-000-185	1 pc.
<b>5</b>	Visual Obturator, with 5 Charr. working channel	351-000-180	1 pc.
<b>6</b>	Loop Electrode	351-000-201	1 pc.
<b>7</b>	Knife Electrode	351-000-203	1 pc.
<b>8</b>	Ball Electrode	351-000-205	1 pc.
<b>9</b>	Sterilization tubes for electrodes	253-300-999	1 pc.
<b>10</b>	SDS Cable, 4.5m, bipolar	700-500-453	1 pc.
<b>11</b>	SDS Cable, 4.5m, monopolar	700-501-453	1 pc.
<b>12</b>	Disposable Neutral Electrode, pack of 50 pcs.	700-503-000	1 pc.
<b>13</b>	Cable for Neutral Electrode	700-503-003	1 pc.
<b>14</b>	Stainless Steel Container, perforated, 480x254x55mm, with lid	600-485-555	1 pc.
<b>15</b>	Silicone mat, green, 440x230mm	600-281-003	1 pc.

\*please choose between active or passive working element





### 24 Charr. Hybrid Resectoscope Set



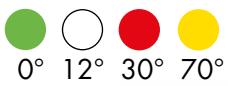
### 351-900-912 24 Charr. Hybrid Resection Set

<b>1</b>	Midi Hysteroscope, Ø 2.9mm, 30°	351-804-030	1 pc.
<b>2</b>	HYBRID Working Element, active*	253-000-401	1 pc.
<b>3</b>	HYBRID Working Element, passive*	253-000-400	1 pc.
<b>4</b>	Resectoscope Sheath, rotatable, ceramic tip	253-000-256	1 pc.
<b>5</b>	Cutting Electrode	253-400-201	1 pc.
<b>6</b>	Collins Coagulation Electrode	253-400-203	1 pc.
<b>7</b>	Ball Electrode	253-400-205	1 pc.
<b>8</b>	Sterilization tubes for electrodes	253-300-999	1 pc.
<b>9</b>	SDS Cable, 4.5m, bipolar	700-500-453	1 pc.
<b>10</b>	SDS Cable, 4.5m, monopolar	700-501-453	1 pc.
<b>11</b>	Disposable Neutral Electrode, pack of 50 pcs.	700-503-000	1 pc.
<b>12</b>	Cable for Neutral Electrode	700-503-003	1 pc.
<b>13</b>	Stainless Steel Container, perforated, 480x254x55mm, with lid	600-485-555	1 pc.
<b>14</b>	Silicone mat, green, 440x230mm	600-281-003	1 pc.

\*please choose between active or passive working element

### FULL HD HYSTEROSCOPES

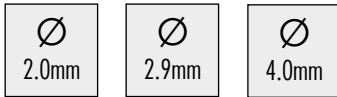
- Colour coded rings identify the direction of view
- 3-step light post adapters for the most common light cables
- Sapphire glasses to protect lens system
- Optimized glass fibre arrangements for an uniform image brightness
- Fully Autoclavable at 134°C and 2.3bar



**FULL HD**

## ENDOSCOPES FOR HYSTEROSCOPY

300mm working length, 356mm overall length



### ● 0° DIRECTION OF VIEW

∅ 2.0mm	351-720-000
∅ 2.9mm	351-829-000
∅ 4.0mm	351-804-000



### ○ 12° DIRECTION OF VIEW

∅ 2.9mm	351-829-012
∅ 4.0mm	351-804-012



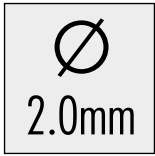
### ● 30° DIRECTION OF VIEW

∅ 2.0mm	351-720-030
∅ 2.9mm	351-829-030
∅ 4.0mm	351-804-030

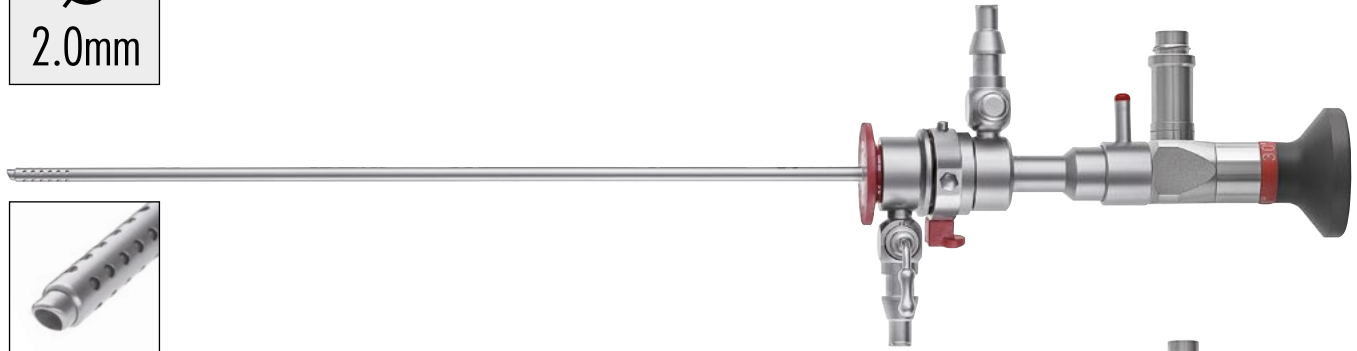


### ● 70° DIRECTION OF VIEW

∅ 4.0mm	351-804-070
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## MINI DIAGNOSTIC HYSTEROSCOPE SETS



Mini-Hysteroscope, ∅ 2.0mm, working length: 260mm, overall length: 315mm  
 351-720-000 0°  
 351-720-030 30°

Sheaths, suitable for ∅ 2.0mm system



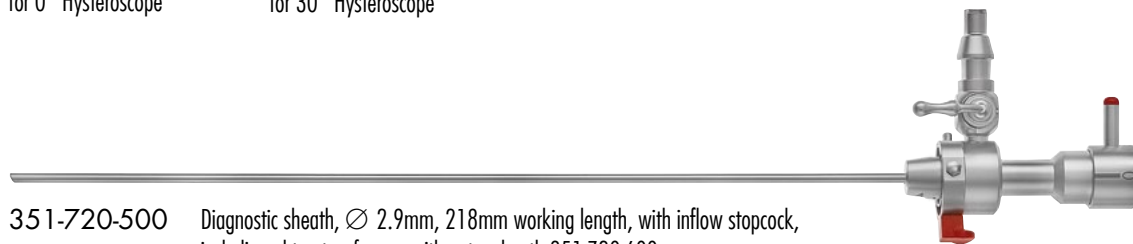
Diagnostic sheath for 2.0mm Hysteroscope, including obturator, ∅ 2.9mm, working length: 228mm



351-720-200  
for 0° Hysteroscope



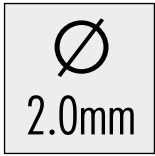
351-720-300  
for 30° Hysteroscope



351-720-500 Diagnostic sheath, ∅ 2.9mm, 218mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-720-600 and Mini Hysteroscope 351-720-030



351-720-600 Outer sheath, ∅ 3.7mm, 200mm working length, with outflow stopcock, for use with diagnostic sheath 351-720-500



## MINI OPERATING HYSTEROSCOPE SETS



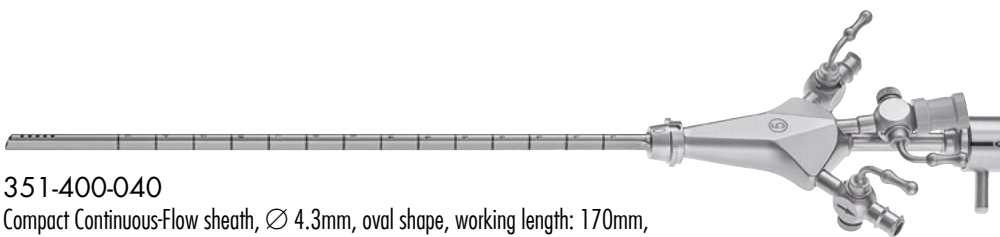
351-720-550

Operating sheath, with working channel for use with 5 Charr. instruments, with inflow stopcock, for use with outer sheath 351-720-650 and Mini Hysteroscope 351-720-030



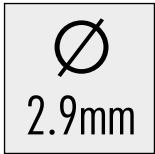
351-720-650

Outer sheath, ∅ 4.3mm, oval shape, 192mm working length, with outflow stopcock, for use with operating sheath 351-720-550



351-400-040

Compact Continuous-Flow sheath, ∅ 4.3mm, oval shape, working length: 170mm, with working channel for use with 5 Charr. instruments and 2 stopcocks for inflow and outflow, for use with Mini Hysteroscope 351-720-030

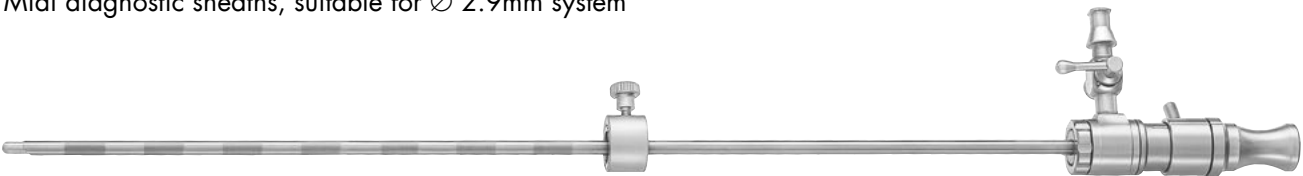


## MIDI DIAGNOSTIC HYSTEROSCOPE SETS

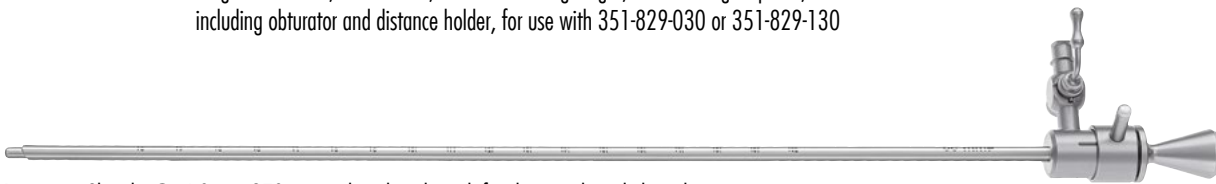


Midi-Hysteroscope, Ø 2.9mm, working length: 300mm, overall length: 355mm  
 351-829-000 0°  
 351-829-030 30°

Midi diagnostic sheaths, suitable for Ø 2.9mm system



351-230-040 Diagnostic sheath, Ø 4.0mm, 270mm working length, with rotating stopcock, including obturator and distance holder, for use with 351-829-030 or 351-829-130



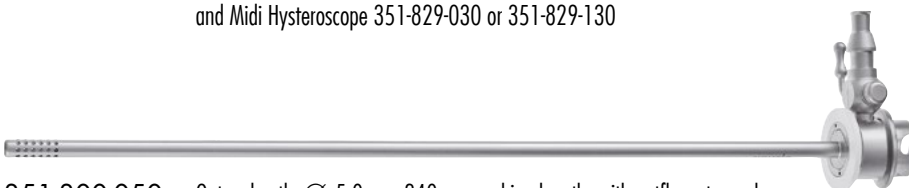
Diagnostic Sheath, Ø 4.0mm, 270mm working length, with fixed stopcock, including obturator  
 351-300-040 for 0° Hysteroscope  
 351-330-040 for 30° Hysteroscope



Diagnostic Sheath, Ø 4.0mm, 270mm working length, with rotating stopcock, including obturator, recommended for **CO<sub>2</sub> gas dilation**  
 351-500-040 for 0° Hysteroscope  
 351-530-040 for 30° Hysteroscope

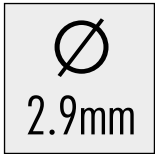


351-300-037 Diagnostic sheath, Ø 4.0mm, 267mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-300-050 and Midi Hysteroscope 351-829-030 or 351-829-130



351-300-050 Outer sheath, Ø 5.0mm, 240mm working length, with outflow stopcock, for use with diagnostic sheath 351-300-037



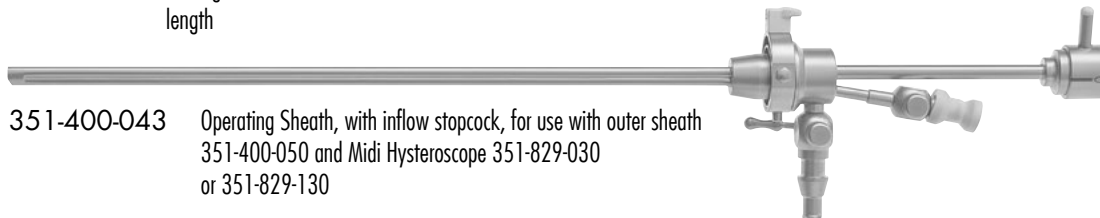


## MIDI OPERATING HYSTEROSCOPE SETS

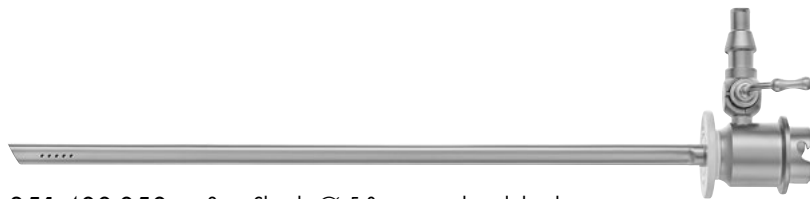


**5**  
CHARR.  
Instruments

**192**  
mm  
Working  
length



351-400-043 Operating Sheath, with inflow stopcock, for use with outer sheath 351-400-050 and Midi Hysteroscope 351-829-030 or 351-829-130



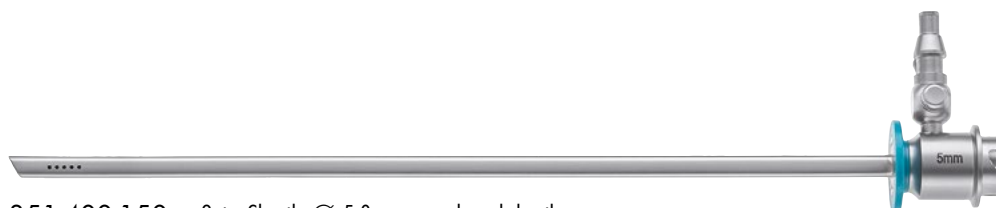
351-400-050 Outer Sheath, ∅ 5.0mm, pear-shaped sheath, with outflow stopcock, for use with operating sheath 351-400-043

**5**  
CHARR.  
Instruments

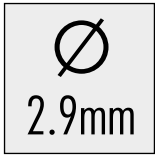
**216**  
mm  
Working  
length



351-400-143 Operating Sheath, with inflow stopcock, for use with outer sheath 351-400-150 and Midi Hysteroscope 351-829-030 or 351-829-130



351-400-150 Outer Sheath, ∅ 5.0mm, pear-shaped sheath, with outflow stopcock, for use with operating sheath 351-400-143



## MIDI OPERATING HYSTEROSCOPE SETS

**7**  
CHARR.  
Instruments

**216**  
mm  
Working  
length



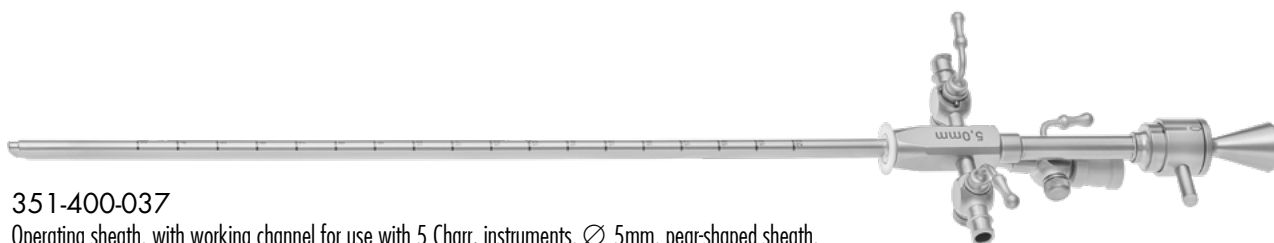
351-400-750  
Operating Sheath, ∅ 4.5mm, for use with 351-829-030 and 351-400-743



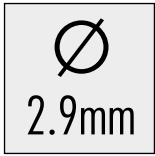
351-400-743 Outer Sheath, ∅ 5.0mm,  
for use with 351-829-030 and 351-400-750



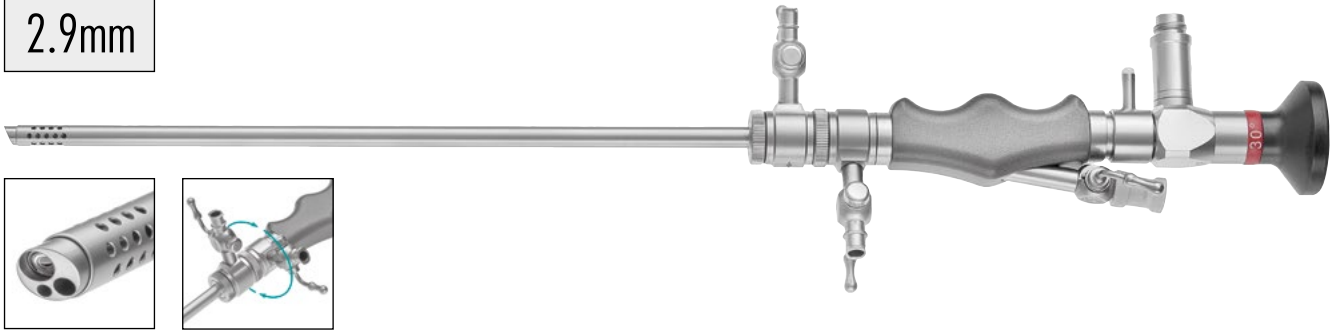
351-905-105  
Disposable Silicone Valve with  
LuerLock connection for use  
with 3 - 10 Charr. instruments  
sterile packed,  
package with 10 pieces



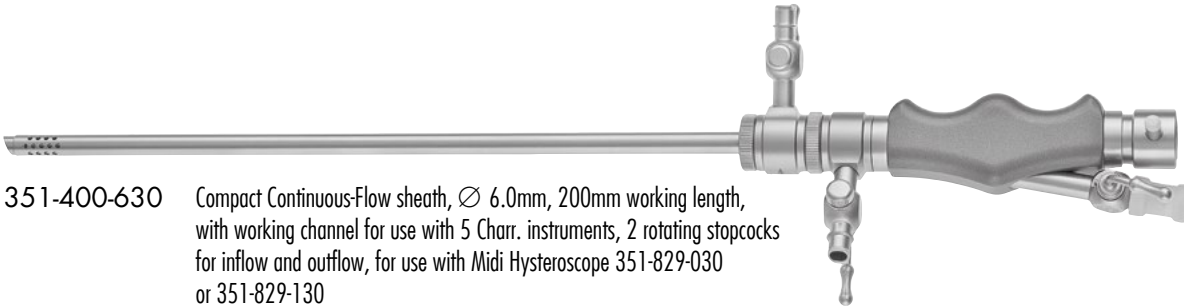
351-400-037  
Operating sheath, with working channel for use with 5 Charr. instruments, ∅ 5mm, pear-shaped sheath,  
248mm working length, with inflow and outflow stopcock, for use with 351-829-030 or 351-829-130



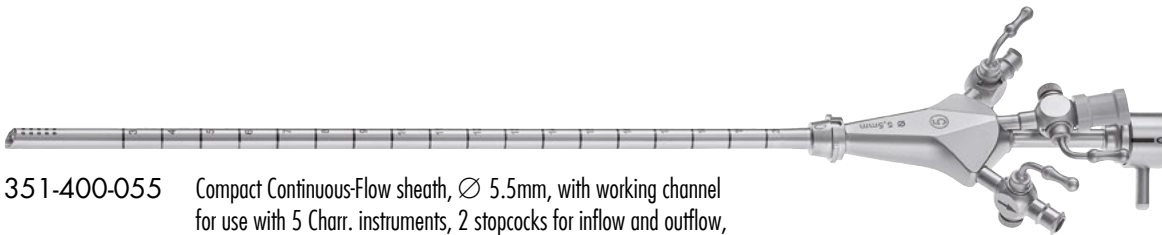
## MIDI OPERATING HYSTEROSCOPE SETS

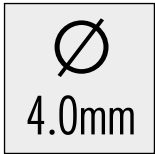


351-400-630 Compact Continuous-Flow sheath, Ø 6.0mm, 200mm working length, with working channel for use with 5 Charr. instruments, 2 rotating stopcocks for inflow and outflow, for use with Midi Hysteroscope 351-829-030 or 351-829-130

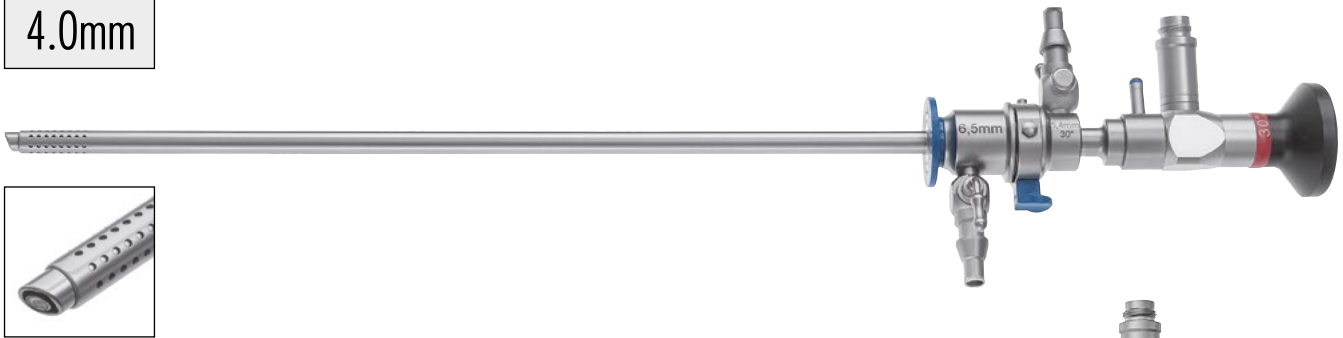


351-400-055 Compact Continuous-Flow sheath, Ø 5.5mm, with working channel for use with 5 Charr. instruments, 2 stopcocks for inflow and outflow, for use with Midi Hysteroscope 351-829-030 or 351-829-130

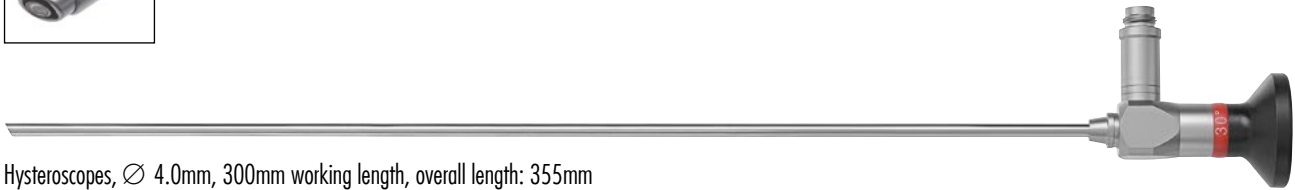




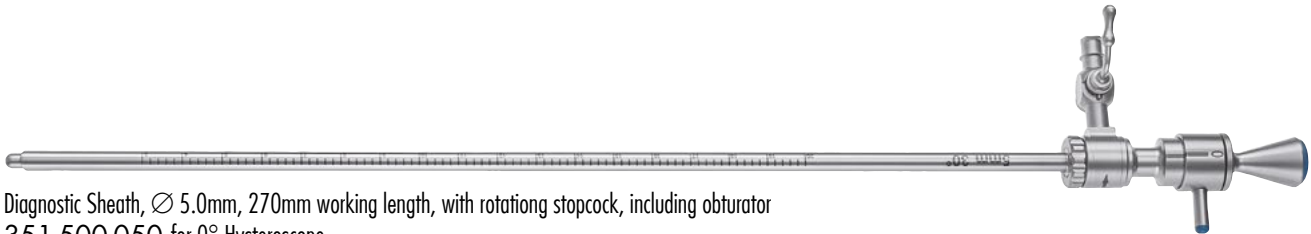
## GRAND DIAGNOSTIC HYSTEROSCOPE SETS



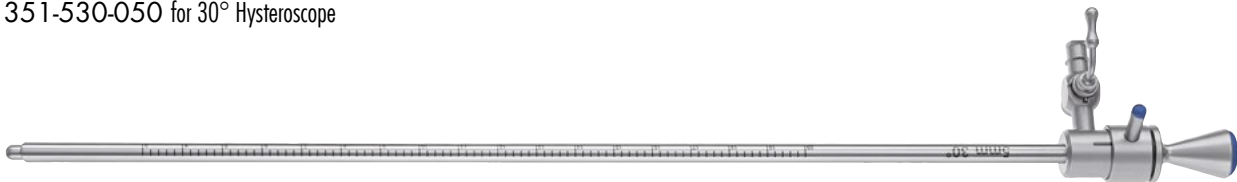
Hysteroscopes, ∅ 4.0mm, 300mm working length, overall length: 355mm  
 351-804-000 0°  
 351-804-030 30°



Diagnostic Sheath, ∅ 5.0mm, 270mm working length, with rotating stopcock, including obturator  
 351-500-050 for 0° Hysteroscope  
 351-530-050 for 30° Hysteroscope



Diagnostic Sheath, ∅ 5.0mm, 270mm working length, with fixed stopcock, including obturator, recommended for CO<sub>2</sub> gas dilation  
 351-630-050 for 30° Hysteroscope

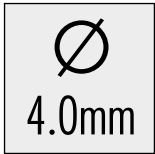


351-500-054 Diagnostic sheath, ∅ 5.4mm, 260mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-500-065 and Hysteroscope 351-804-030

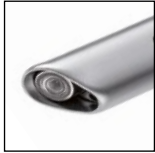


351-500-065 Outer sheath, ∅ 6.5mm, 240mm working length, with outflow stopcock, for use with diagnostic sheath 351-500-054



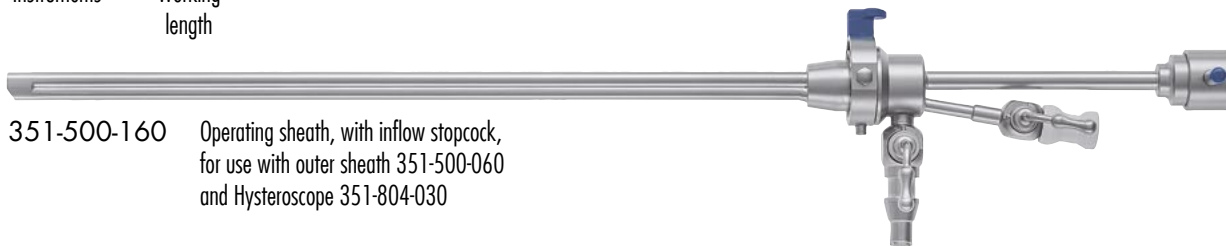


## GRAND OPERATING HYSTEROSCOPE SETS

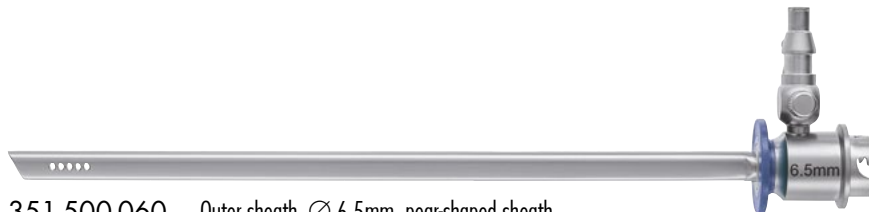


**5**  
CHARR.  
Instruments

**192**  
mm  
Working  
length



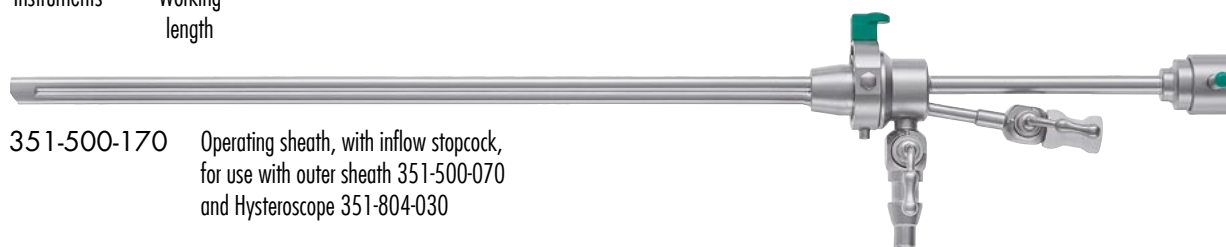
351-500-160 Operating sheath, with inflow stopcock,  
for use with outer sheath 351-500-060  
and Hysteroscope 351-804-030



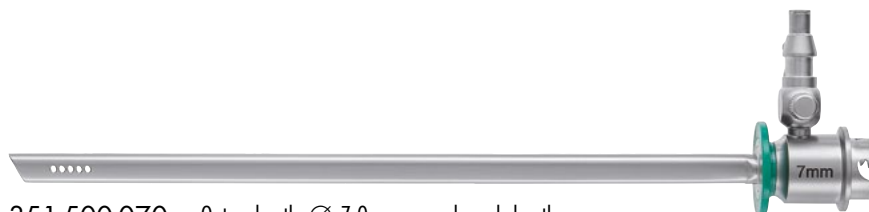
351-500-060 Outer sheath, ∅ 6.5mm, pear-shaped sheath,  
with outflow stopcock, for use with operating sheath 351-500-160

**7**  
CHARR.  
Instruments

**192**  
mm  
Working  
length



351-500-170 Operating sheath, with inflow stopcock,  
for use with outer sheath 351-500-070  
and Hysteroscope 351-804-030



351-500-070 Outer sheath, ∅ 7.0mm, pear-shaped sheath,  
with outflow stopcock, for use with operating sheath 351-500-170



## The next generation instruments in Hysteroscopy

The new and versatile solution for office and surgical Hysteroscopy. VERSATIP combines all the surgeon's needs with the requirements for appropriate cleaning in the CSSD.

- ▼ Detachable – one handle for all inserts
- ▼ Color code – the easy identification of the tip
- ▼ Two handles – self holding and standard
- ▼ The easy connection – the reliable ball tip technique
- ▼ Light weight handle – the perfect fit for your fingers
- ▼ Make cleaning easy – flushing port for the complete instrument
- ▼ 360° rotation - just with your finger tip
- ▼ All parts can be ordered seperately



**PATENTED**  
10 2022 107 371.8







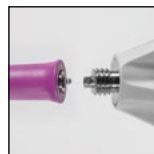
360°



Multiple tips design



Color coded inserts



Unique, detachable system



Flushing port for easy cleaning



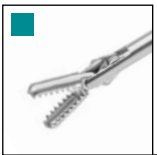
Two handles - multiple options

## FORCEPS & PUNCHES

- ▶ Automatic self-holding
- ▶ Black color coded



351-100-550  
Self-holding handle for  
forceps and punches  
(recommended handle)



Grasping Forceps with toothed cup,  
rigid, double action

		Insert only	Complete instrument
340mm	5 Charr.	351-116-535	351-116-335
	7 Charr.	351-116-537	351-116-337
400mm	5 Charr.	351-116-505	351-116-305
	7 Charr.	351-116-507	351-116-307



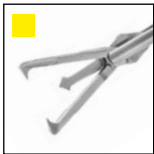
Tenaculum Forceps, 1x1 teeth,  
semi-rigid, double action

		Insert only	Complete instrument
340mm	5 Charr.	351-117-535	351-117-335
400mm		351-117-505	351-117-305





SHARK Tenaculum Grasping Forceps, semi-rigid, double action		Insert only	Complete instrument
340mm	5 Charr.	351-115-535	351-115-335
400mm		351-115-505	351-115-305



ACCARDI Harpoon Grasping Forceps, semi-rigid, double action		Insert only	Complete instrument
340mm	5 Charr.	351-119-535	351-119-335
400mm		351-119-505	351-119-305



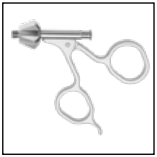
Biopsy Forceps, rigid, double action		Insert only	Complete instrument
340mm	5 Charr.	351-120-535	351-120-335
	7 Charr.	351-120-537	351-120-337
400mm	5 Charr.	351-120-505	351-120-305
	7 Charr.	351-120-507	351-120-307



Biopsy Punch Forceps, semi-rigid, single action		Insert only	Complete instrument
340mm	5 Charr.	351-126-535	351-126-335
400mm		351-126-505	351-126-305

## SCISSORS

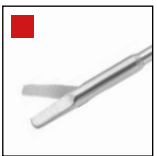
- ▶ Standard handle
- ▶ White color coded



351-100-500  
Standard handle  
for scissors  
(recommended handle)

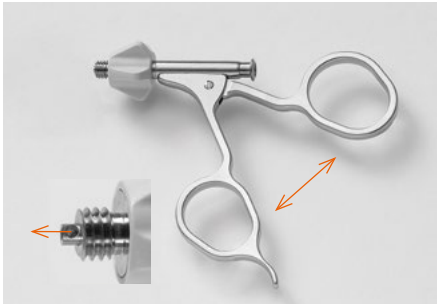


Scissors, sharp tips, single action		Insert only	Complete instrument
340mm	5 Charr.	351-118-535	351-118-335
	7 Charr.	351-118-537	351-118-337
400mm	5 Charr.	351-118-505	351-118-305
	7 Charr.	351-118-507	351-118-307



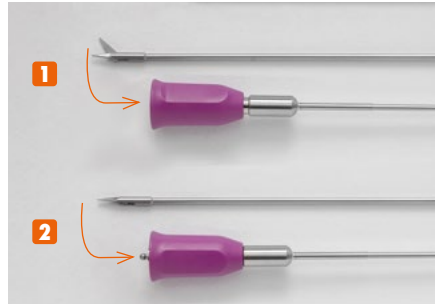
Scissors, blunt tips, rigid, single action		Insert only	Complete instrument
340mm	5 Charr.	351-100-535	351-100-335
	7 Charr.	351-100-537	351-100-337
400mm	5 Charr.	351-100-505	351-100-305
	7 Charr.	351-100-507	351-100-307

## ASSEMBLY



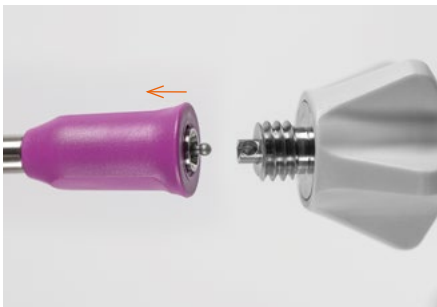
### STEP 1

Open the handle.  
The ball socket pushes out.  
Keep the handle open.



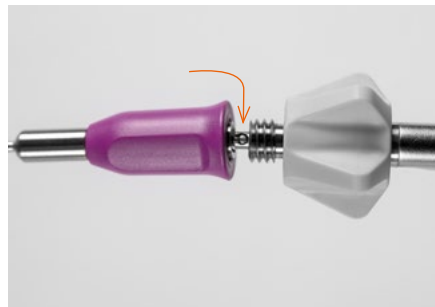
### STEP 2

**1** Opened jaw  
**2** Close the jaw - the ball head pushes out. Keep the jaw closed.



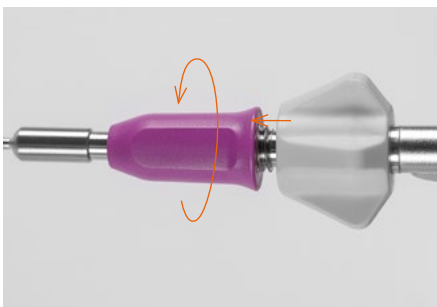
### STEP 3

Push back the locking nut.  
With both opened handle and jaws, connect the ball head and ball socket.



### STEP 4

Insert the ball head into the socket.  
Keep the handle opened.



### STEP 5

Close the handle. Shaft and insert will be retracted.  
Keep the handle closed.  
Screw the locking nut onto the handle.



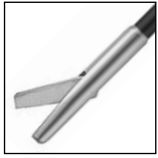
### DONE

Check the connection for being tight.  
The knob rotates 360° and the handle as well as the jaw opens and closes.

**6**  
CHARR.

## FLEXIBLE & INSULATED INSTRUMENTS

for use with 7 Charr. working channel



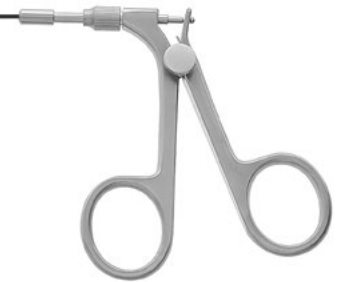
Scissors, blunt tips,  
single action  
351-100-205 400mm  
351-100-235 340mm



Grasping Forceps with cup,  
serrated, double action  
351-116-205 400mm  
351-116-235 340mm



Biopsy Forceps,  
double action  
351-120-205 400mm  
351-120-235 340mm



**5**  
CHARR.

**7**  
CHARR.

## SEMI-RIGID INSTRUMENTS

400mm working length



Scissors, blunt tips, single action,  
400mm working length  
351-410-425 5 Charr.  
351-410-427 7 Charr.



Biopsy Forceps, oval cup, serrated,  
400mm working length  
351-410-325 5 Charr.  
351-410-327 7 Charr.



**5**  
CHARR.

## HEXAGONAL HANDLE INSTRUMENTS



Palpation Probe, graduated  
351-125-105 400mm  
351-125-135 340mm



Myoma Fixation Screw, semi-rigid  
351-124-105 400mm  
351-124-135 340mm



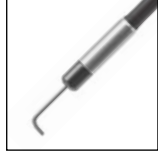


## ELECTRODES

360mm working length



Bipolar Needle Electrode,  
straight tip  
351-360-005



Bipolar Needle Electrode,  
90° angled tip  
351-360-015



Bipolar Ball Electrode,  
360mm working length  
351-370-105



## ELECTRODES

360mm working length



Monopolar Needle Electrode  
351-380-360

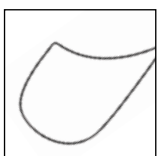
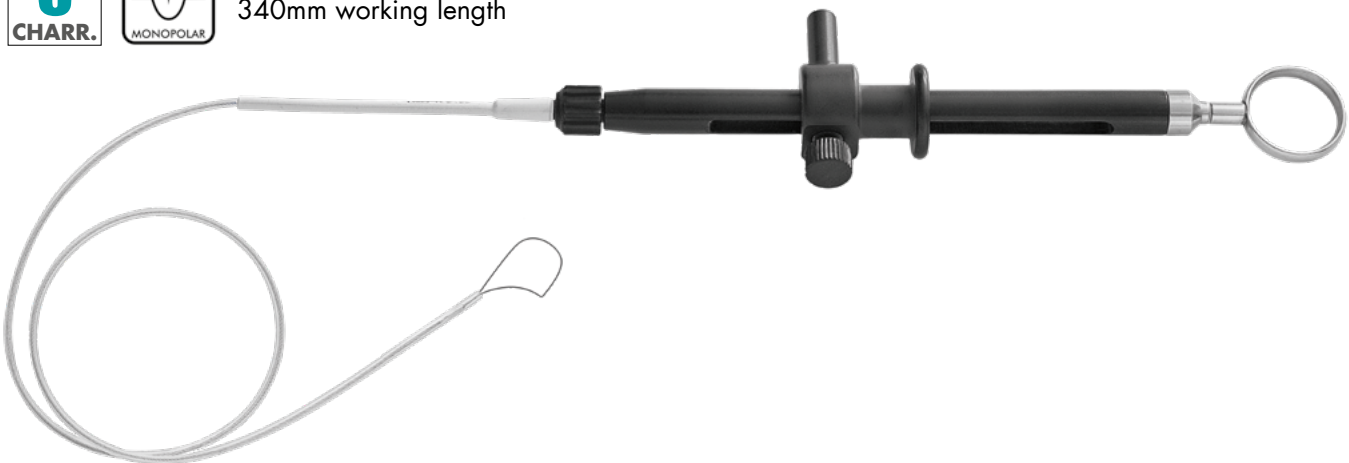


Monopolar Ball Electrode  
351-385-360



## SNARE

340mm working length



Polypectomy Snare  
253-570-005

### HIGH FREQUENCY CABLES

4.5m length



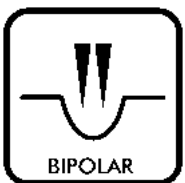
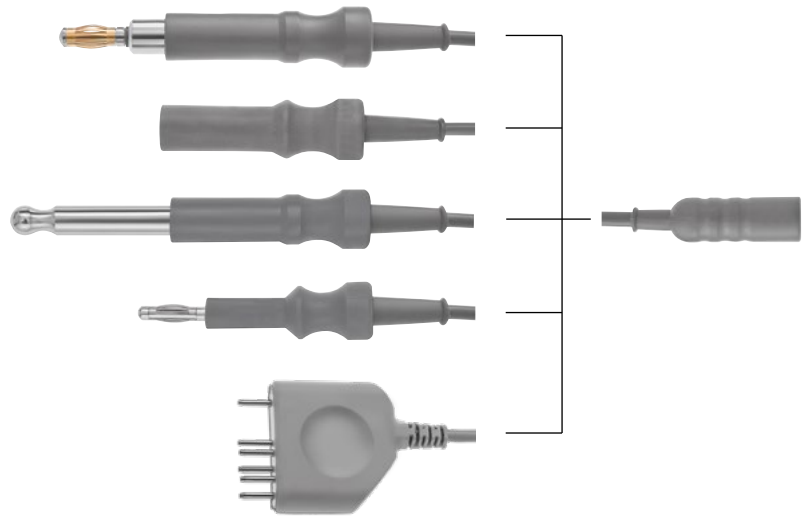
253-610-001\* with 5 mm plug for Erbe HF-unit

253-610-002\* with 4 mm plug for Martin HF-unit

253-610-003\* with 8 mm plug for Valleylab HF-unit

253-610-004\* with 4 mm plug for older HF-units

700-501-453\* SDS plug

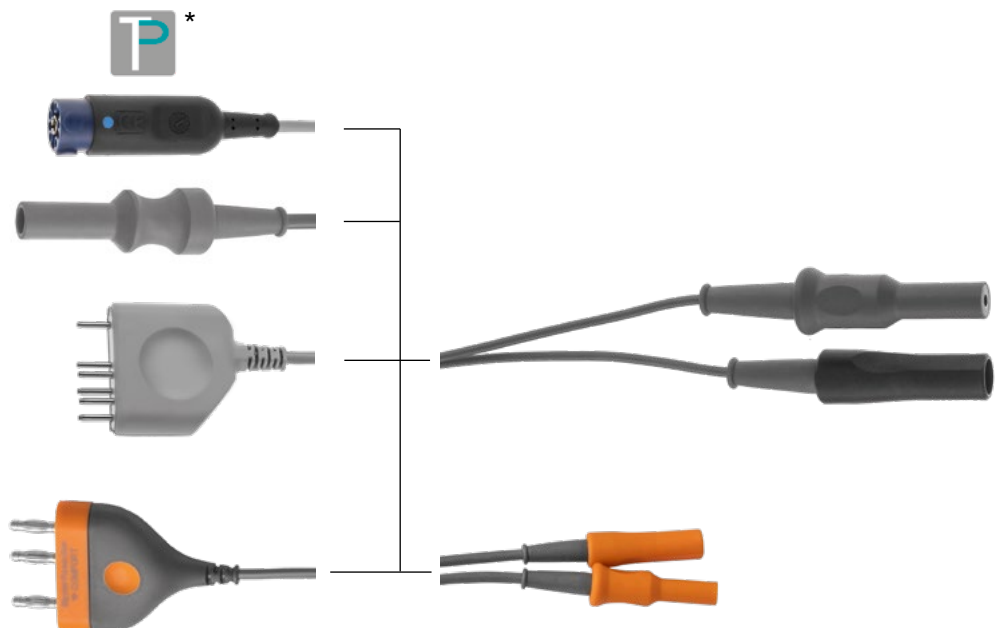


253-400-601 for Erbe HF-unit

253-400-602 for Martin HF-unit

700-500-453 SDS plug

700-400-606 for BOWA



### ADAPTORS & VALVES



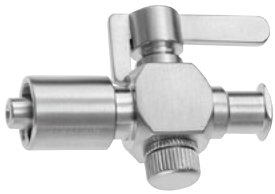
300-011-181\* Luer-Lock tube connector,  
9mm



300-011-506\* Luer-Lock tube connector,  
6mm



300-011-184\* Luer-Lock Tuohy  
Borst Adapter



300-011-178 Luer-Lock one-way stop-cock  
with spring screw cap



300-011-179\* Luer-Lock tube connector  
with stopcock



300-011-515\* Luer-Lock one-way  
stopcock



351-905-110 Silicone Valve, reusable, for  
instruments up to Ø1.8mm  
(5.5Charr.), with LL-Connection,  
10pcs. per package



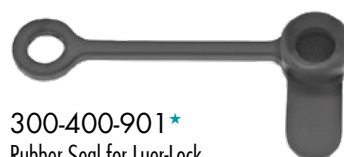
301-701-100\* Grey Rubber cap for use  
on all working channels



351-905-105 Disposable Silicone Valve  
with Luer-Lock connection  
for use with 3 - 10 Charr.  
instruments, package with  
10 pieces, sterile packed



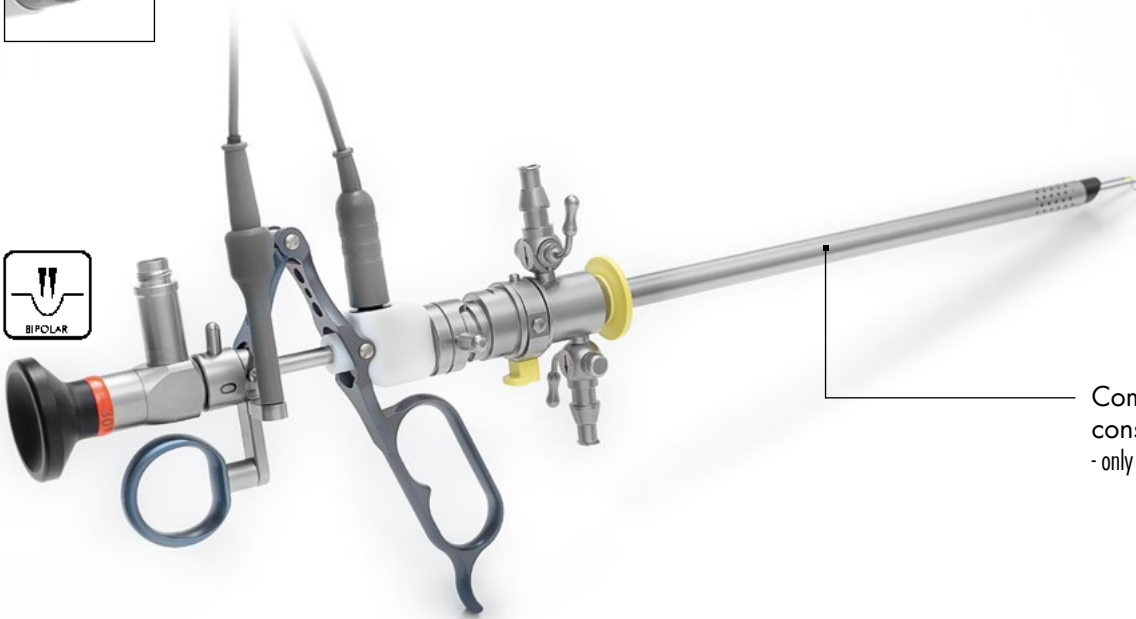
300-400-900\* Rubber Seal for  
Luer-Lock connectors



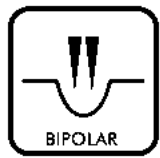
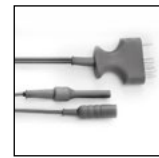
300-400-901\* Rubber Seal for Luer-Lock  
connectors



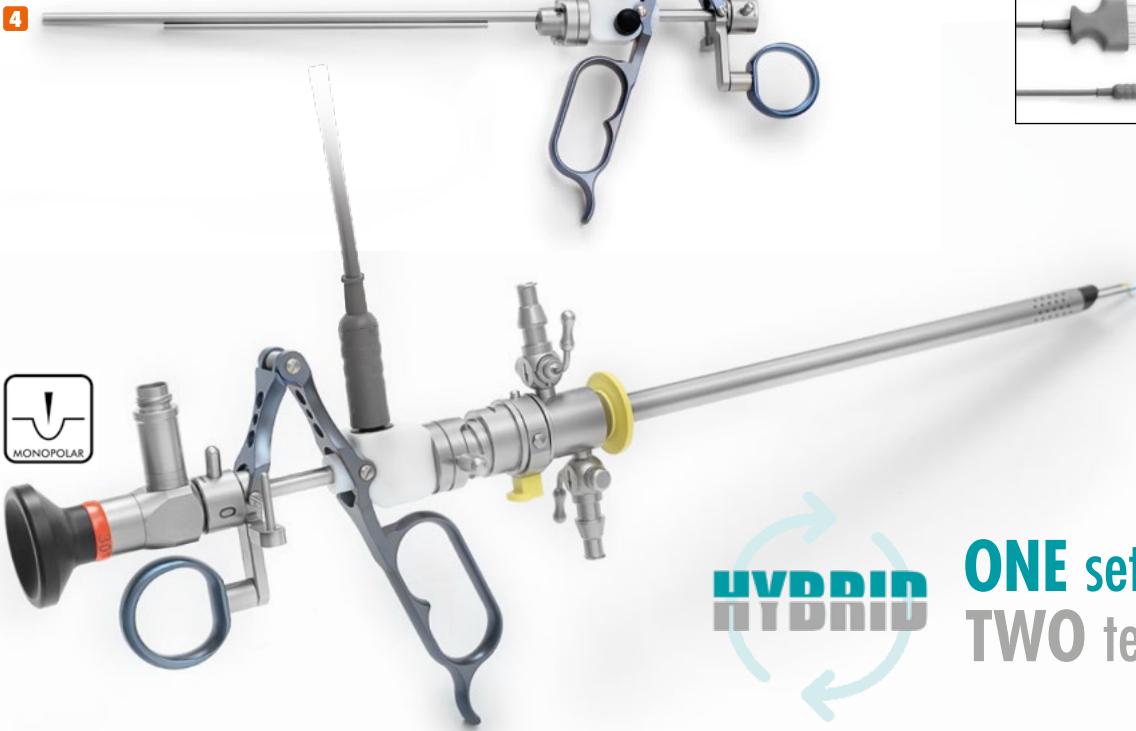
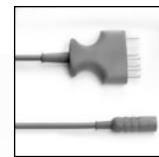
## RZ HYBRID RESECTOSCOPY SYSTEM



Complete Instrument consisting of **1-5**  
- only cable needs to be changed



**5**

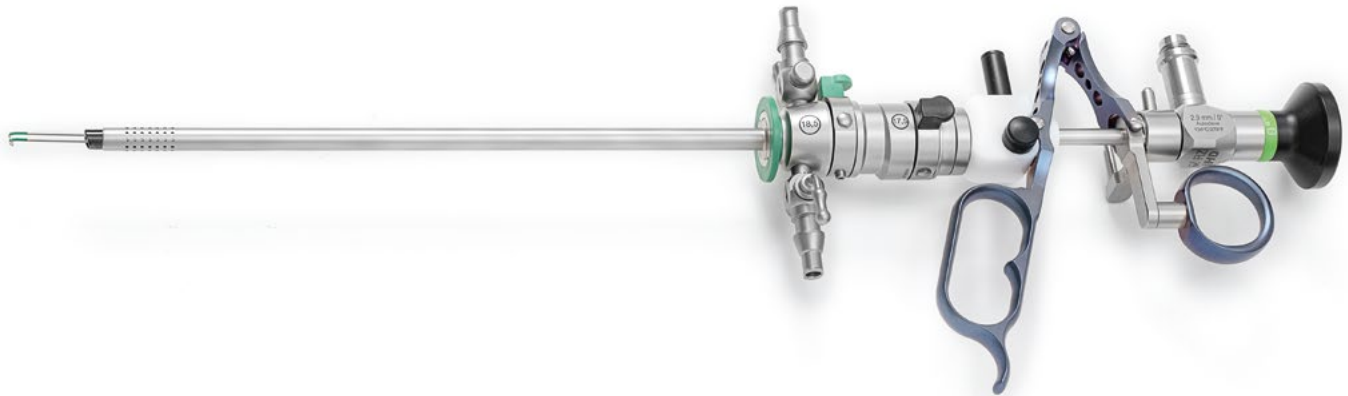


**ONE set**  
**TWO techniques**

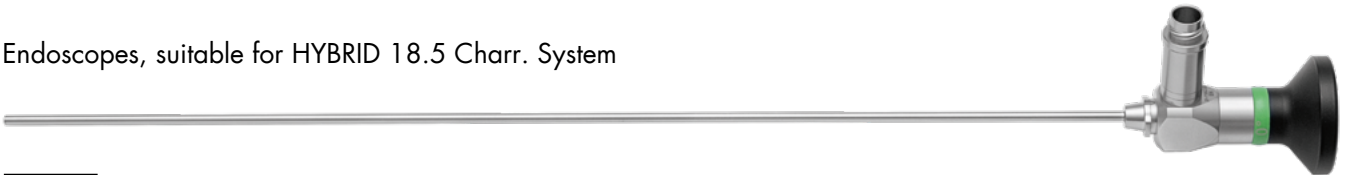
**18.5**  
CHARR.

**HYBRID**  
HYBRID

GRAZIA RESECTOSCOPY SYSTEM



Endoscopes, suitable for HYBRID 18.5 Charr. System



∅  
2.9 mm



**0° DIRECTION OF VIEW**

300mm working length  
356mm overall length    351-829-000



**12° DIRECTION OF VIEW**

300mm working length  
356mm overall length    351-829-012



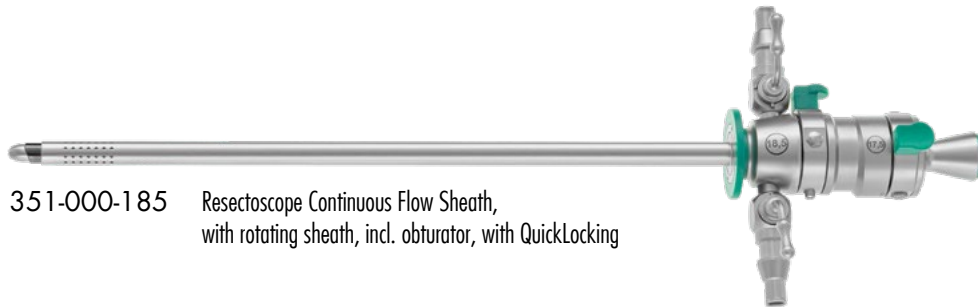
**30° DIRECTION OF VIEW**

300mm working length  
356mm overall length    351-829-030

**18.5**  
**CHARR.**

**HYBRID**  
HYBRID

Sheath and Working Elements,  
suitable for HYBRID 18.5 Charr. System



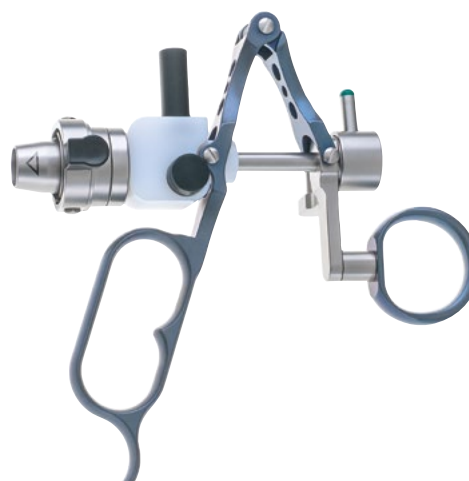
351-000-185 Resectoscope Continuous Flow Sheath,  
with rotating sheath, incl. obturator, with QuickLocking



351-000-180 Visual Obturator, with 5 Charr. working channel



351-400-200 Passive Titanium Working Element








351-400-201 Active Titanium Working Element



**18.5**  
**CHARR.**

**HYBRID**  
HYBRID



Electrodes, 16 Charr., suitable for HYBRID 18.5 Charr. System





	Cutting Loop	351-000-201
	Cutting loop, straight	351-000-202
	Cutting loop, straight	351-000-203
	Ball Electrode	351-000-205
	Roller Electrode, 2mm	351-000-206



Accardi Cold Knives, 16 Charr., suitable for HYBRID 18.5 Charr. System

- no electricity - no myometrial scar and damage or perforation of the uterus
- one step procedure
- useful for all myomas G0 - G1 - G2
- safe procedure for the patient

 Italian Design  
 Made in Germany

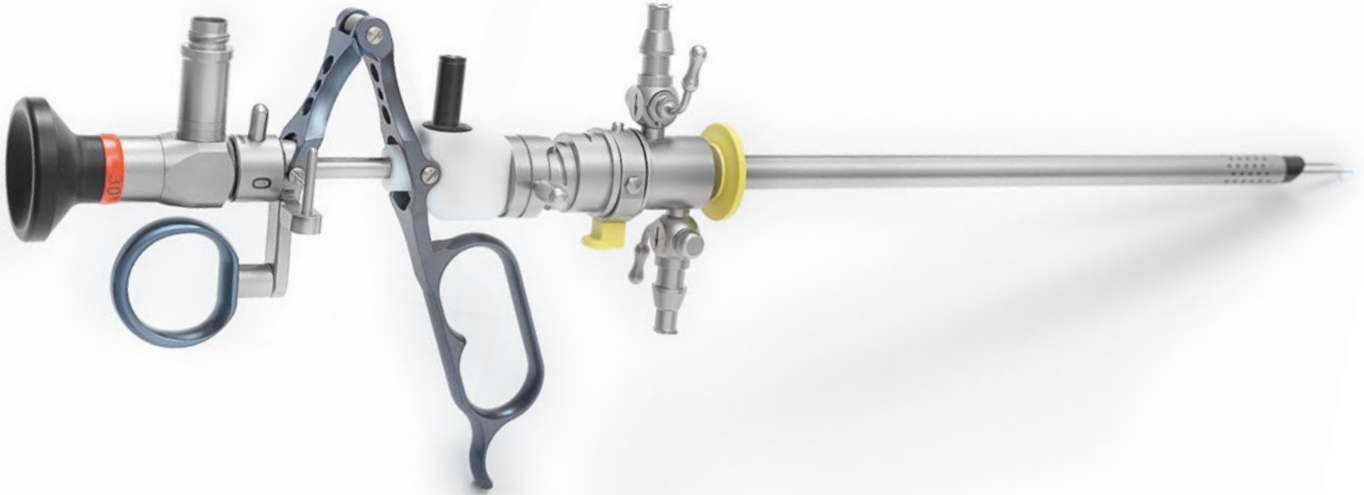
	Accardi Cometa	351-400-410
	Accardi Orbit	351-400-415
	Accardi Hook	351-400-420
	Accardi L-Hook	351-400-430



**24**  
**CHARR.**

**HYBRID**  
**HYBRID**

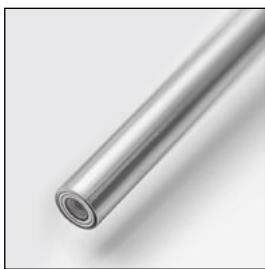
RESECTOSCOPY SYSTEM



Endoscopes, suitable for HYBRID 24 Charr. System



∅  
4 mm



**0° DIRECTION OF VIEW**  
300mm working length  
356mm overall length 253-804-000\*



**12° DIRECTION OF VIEW**  
300mm working length  
356mm overall length 253-804-012\*



**30° DIRECTION OF VIEW**  
300mm working length  
356mm overall length 253-804-030\*

**24**  
CHARR.

**HYBRID**  
HYBRID

Sheaths, suitable for HYBRID 24 Charr. System

253-000-256\* Continuous Flow Resectoscope Sheath  
Rotating inner sheath for 360° TURP/TURB.  
Inner shaft with non reflecting, oblique ceramic tip.  
RZ QuickLock mechanism, with Obturator



253-000-266 Inner shaft, 24Charr., with oblique ceramic tip for 253-000-256



253-000-084\* Visual Obturator for 4mm RZ Cystoscopes,  
for 24/26 Charr. resectoscope sheaths



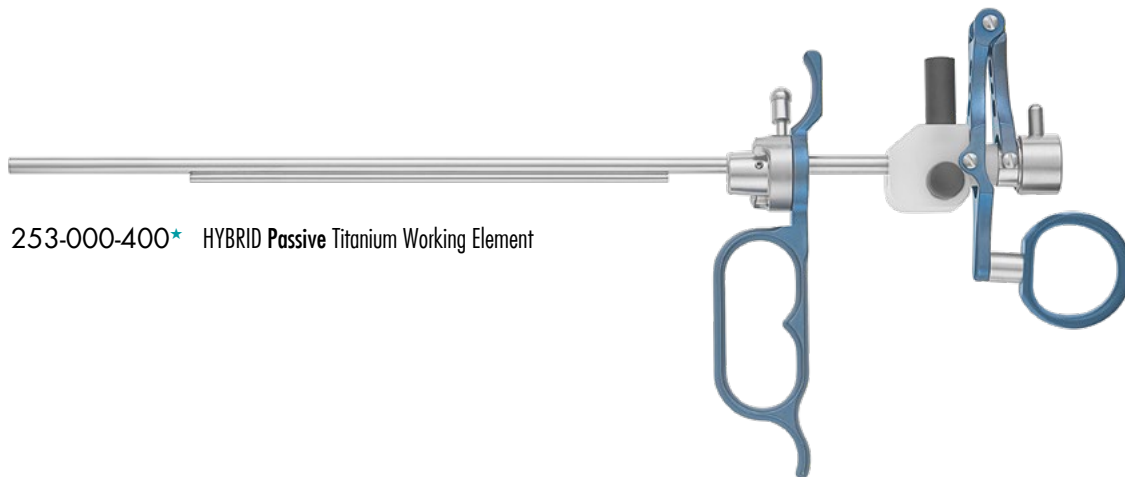
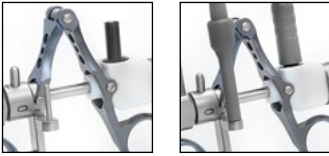
253-000-094\* Visual Obturator with 5 Charr. working channel,  
for 4mm RZ Cystoscopes, for 24/26 Charr. resectoscope sheaths



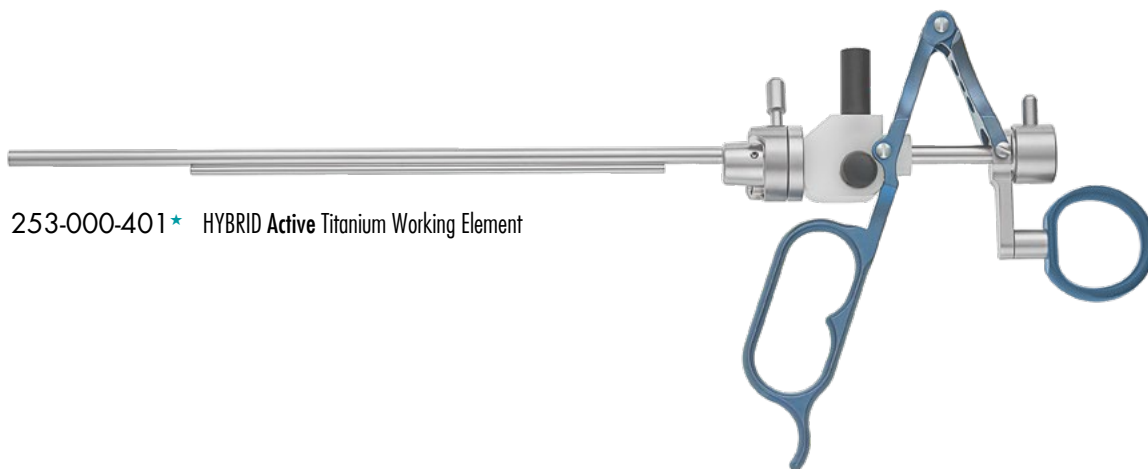
**24**  
CHARR.

**HYBRID**  
HYBRID

Working elements suitable for HYBRID 24 Charr. System  
with bipolar and monopolar cable connection



253-000-400\* HYBRID Passive Titanium Working Element



253-000-401\* HYBRID Active Titanium Working Element

**24**  
**CHARR.**

**HYBRID**  
**HYBRID**

HYBRID Electrodes, 24 Charr., suitable for 24 Charr. System and 24 Charr. inner sheath

- works in bipolar and monopolar mode
- made of a standard wire of  $\varnothing$  0.35mm



Cutting Loop, angled, for 12°/30° telescope

253-400-200



Cutting Loop, angled, for 12°/30° telescope

253-400-201\*



Cutting Loop, thick wire, angled, for 12°/30° telescope

253-400-202



Collins Coagulation Electrode, pointed

253-400-203\*



Coagulation Electrode, conical

253-400-204



Coagulation Electrode, ball shape,  $\varnothing$  3mm

253-400-205\*



Roller-Electrode,  $\varnothing$  3mm


253-400-211



Accardi Cold Knives, 24 Charr., suitable for HYBRID 24 Charr. System

- no electricity - no myometrial scar and damage or perforation of the uterus
- one step procedure
- useful for all myomas G0 - G1 - G2
- safe procedure for the patient

 Italian Design

 Made in Germany



Accardi Loop

351-000-410



Accardi Rake

351-000-415



Accardi Knife

351-000-420

## Bipolar Working Elements for GYNECARE-VERSAPOINT Bipolar Electrodes

**RZ** compatible



**351-000-400**  
**Passive** Titanium Working Element for use with  
 RZ Resectoscope Sheaths 253-000-256/253-000-356  
 and 4mm, 12°/30° RZ Hysteroscopes  
 351-804-012/351-804-030



**351-000-401**  
**Active** Titanium Working Element for use with  
 RZ Resectoscope Sheaths 253-000-256/253-000-356  
 and 4mm, 12°/30° RZ Hysteroscopes  
 351-804-012/351-804-030

**OLYMPUS** compatible



**351-000-500**  
**Passive** Titanium Working Element for use with  
 OLYMPUS Resectoscope Sheaths and Telescopes



**351-000-501**  
**Active** Titanium Working Element for use with  
 OLYMPUS Resectoscope Sheaths and Telescopes

**RICHARD WOLF** compatible



**351-000-600**  
**Passive** Titanium Working Element for use with  
 R. WOLF Resectoscope Sheaths and Telescopes



**351-000-601**  
**Active** Titanium Working Element for use with  
 R. WOLF Resectoscope Sheaths and Telescopes

## HIGH FREQUENCY CABLES

4.5m length



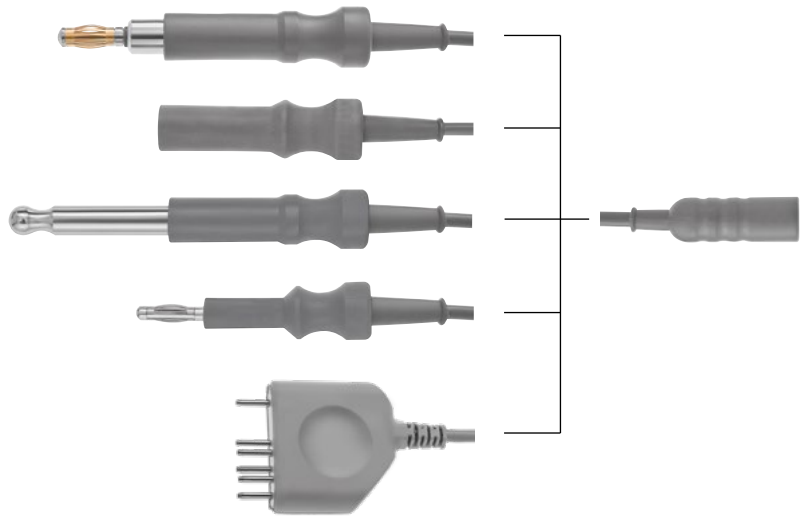
253-610-001\* with 5 mm plug for Erbe HF-unit

253-610-002\* with 4 mm plug for Martin HF-unit

253-610-003\* with 8 mm plug for Valleylab HF-unit

253-610-004\* with 4 mm plug for older HF-units

700-501-453\* SDS plug

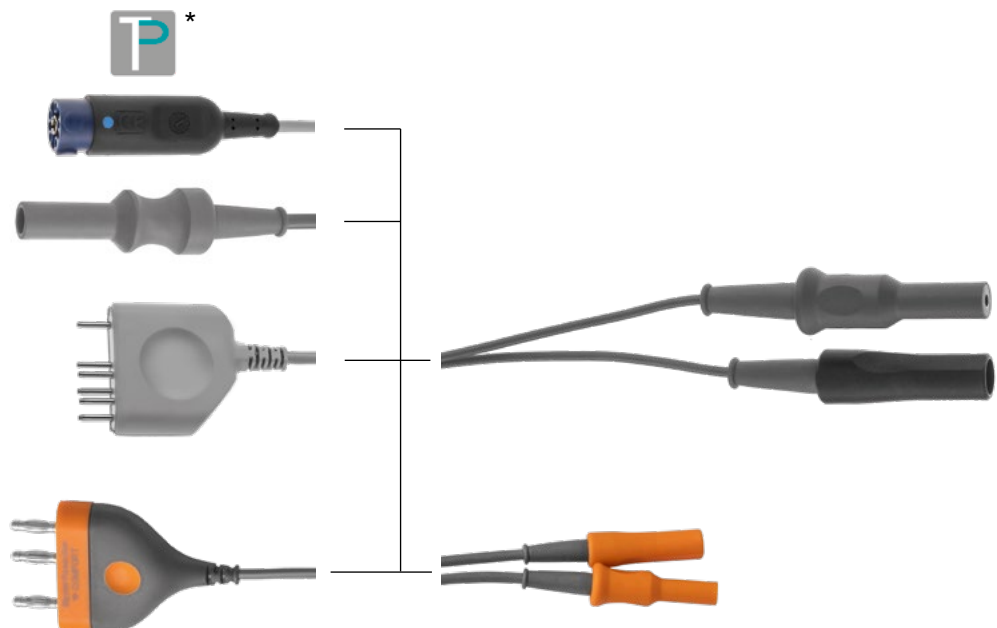


253-400-601 for Erbe HF-unit

253-400-602 for Martin HF-unit

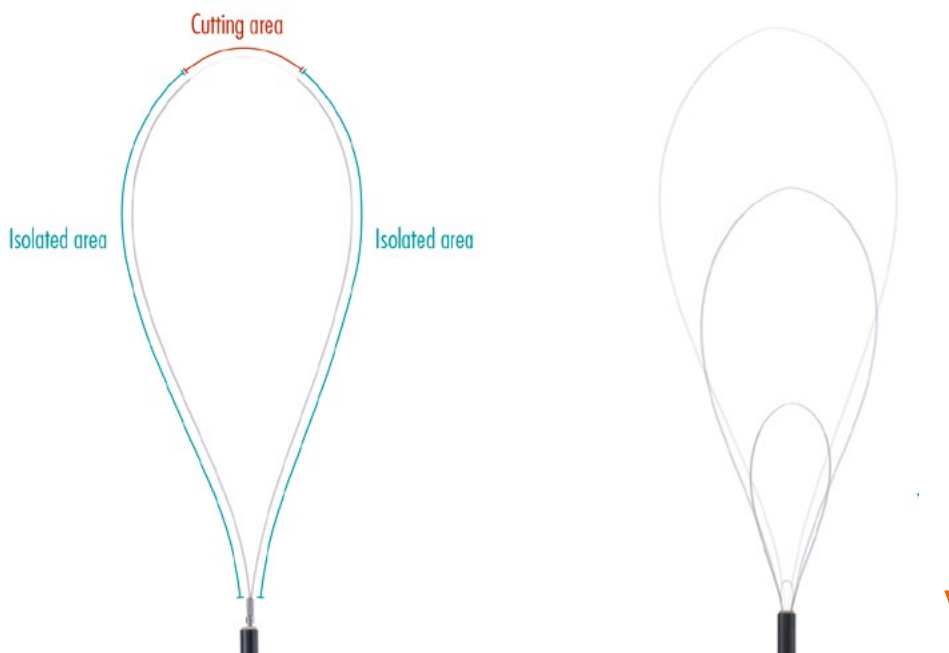
700-500-453 SDS plug

700-400-606 for BOWA



## WIRE LOOP ELECTRODES

- autoclavable handle with monopolar connector
- loop which can be ordered as a spare part.
- to be used with a 5.5 mm trocar
- salvage of the cervix, no vaginal descensus.
- faster recovery of the patient.



350-754-000 Wire Loop Electrode with  $\varnothing$  100mm wire loop electrode

Spare Wire Loops (single use, non-sterile)

- 350-754-001  $\varnothing$  100mm
- 350-754-002  $\varnothing$  125mm
- 350-754-003  $\varnothing$  65mm

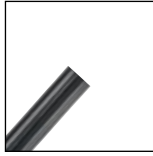


## MICRO NEEDLE ELECTRODES

- extremely delicate needles
- can be retracted during surgery



Pulled out needle,  
cutting function



Retracted needle,  
safe handling



Micro Needle Electrode for monopolar cutting

350-752-320 320mm

350-752-420 420mm

350-752-001 Spare Micro Needle (Quantity: 12)

## COMBINED MICRO NEEDLE ELECTRODE

- for cutting and coagulation



Pulled out needle,  
cutting & coagulation



Retracted needle,  
coagulation only



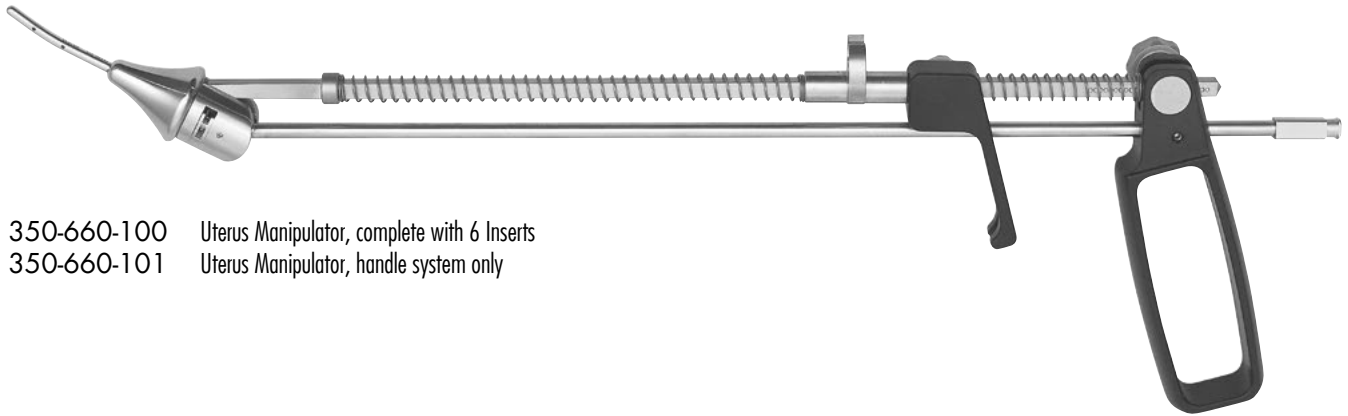
Combined Micro Needle Electrode for cutting and coagulation

350-753-320 320mm

350-753-420 420mm

350-753-001 Spare Micro Needle (Quantity: 12)

## GYNECOLOGY INSTRUMENTS



350-660-100 Uterus Manipulator, complete with 6 Inserts  
 350-660-101 Uterus Manipulator, handle system only

### Inserts



350-660-111  
 Ø 8 x 80mm



350-660-112  
 Ø 10 x 100mm



350-660-113  
 Ø 3 x 45mm



350-660-114  
 Ø 3 x 55mm



350-660-115  
 Ø 3.2 x 34mm

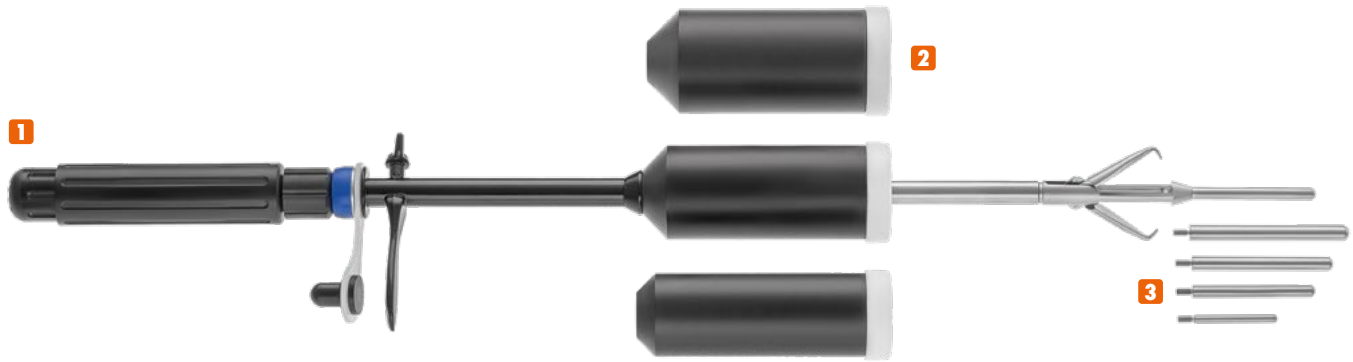


350-660-116  
 Ø 3.2 x 45mm



350-750-000 COHEN Uterus Cannula, complete with 2 interchangeable acorns

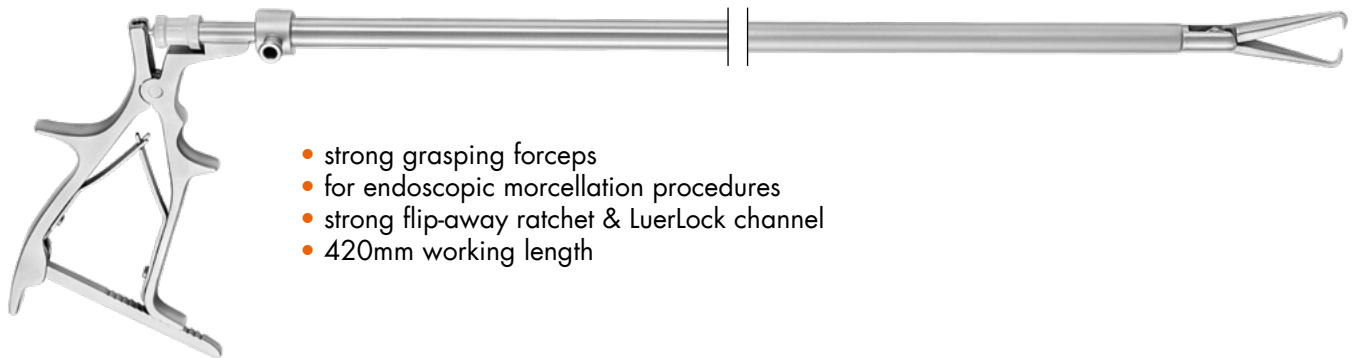
Acorns  
 350-750-001 small  
 350-750-002 large



**1**  
**MANGESHIKAR**  
 Uterus Manipulator, complete set  
 350-740-000

**2**  
 Tube with insulation ring  
 350-740-005 35mm  
 350-740-006 40mm  
 350-740-007 45mm

**3**  
 Intrauterus tip insert  
 350-740-040 4x40mm  
 350-740-050 5x50mm  
 350-740-060 6x60mm  
 350-740-070 7x70mm  
 350-740-080 8x80mm



- strong grasping forceps
- for endoscopic morcellation procedures
- strong flip-away ratchet & LuerLock channel
- 420mm working length



Tenaculum Forceps,  
 Ø10mm  
 300-110-714



Claw Forceps,  
 Ø10mm  
 300-110-711



Tenaculum Forceps,  
 Ø5mm  
 300-110-715



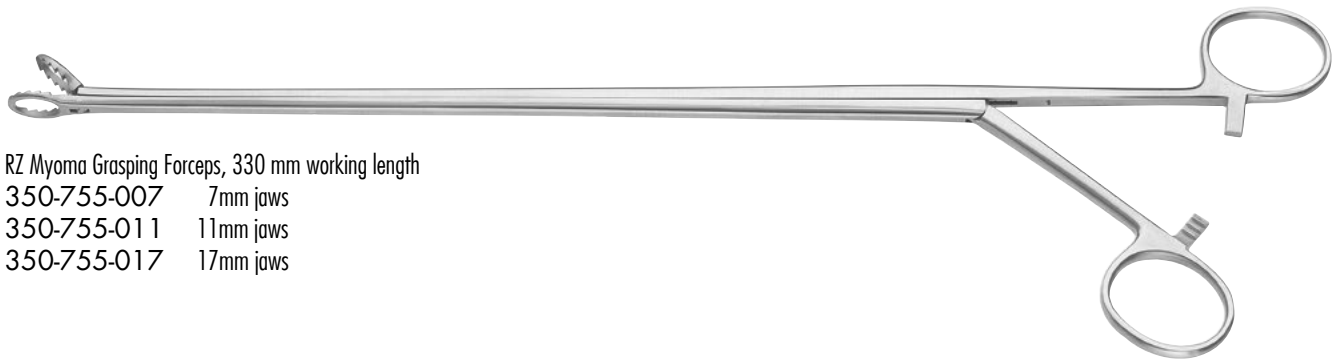
Claw Forceps,  
 Ø5mm  
 300-110-712



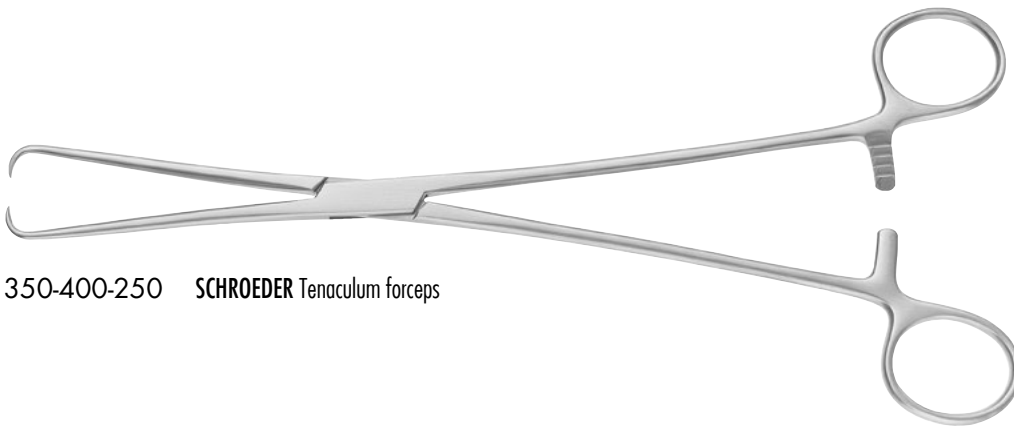
350-158-003 IUD Grasping Forceps 1 x 2 Teeth, flexible,  
 Ø 3mm, with spring handle



*Myoma screw*  
 300-032-015 Ø 5mm, 330 mm working length  
 300-042-005 Ø 5mm, 420 mm working length  
 300-033-010 Ø 10mm, 330 mm working length  
 300-042-010 Ø 10mm, 420 mm working length



RZ Myoma Grasping Forceps, 330 mm working length  
350-755-007 7mm jaws  
350-755-011 11mm jaws  
350-755-017 17mm jaws



350-400-250 SCHROEDER Tenaculum forceps



Dittel Bougies, straight

253-320-225	8 Charr.	253-329-225	22 Charr.
253-321-225	9 Charr.	253-330-225	24 Charr.
253-322-225	10 Charr.	253-331-225	25 Charr.
253-323-225	11 Charr.	253-332-225	26 Charr.
253-324-225	12 Charr.	253-333-225	27 Charr.
253-325-225	14 Charr.	253-334-225	28 Charr.
253-326-225	16 Charr.	253-335-225	30 Charr.
253-327-225	18 Charr.	253-336-225	32 Charr.
253-328-225	20 Charr.	253-337-225	34 Charr.



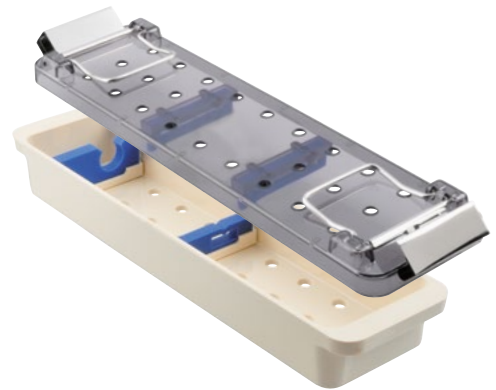
Catheter for female

320-721-080	8 Charr.
320-721-100	10 Charr.
320-721-120	12 Charr.
320-721-140	14 Charr.
320-721-160	16 Charr.
320-721-180	18 Charr.
320-721-200	20 Charr.
320-721-220	22 Charr.
320-721-240	24 Charr.

## SAFE+ CLEAN ENDOSCOPE PLASTIC CONTAINER with silicone bars on base and lid

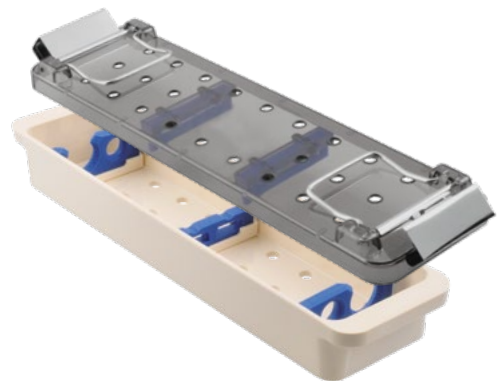
600-505-000

Endoscopes	1 (∅ 1-10mm)
Endoscope length	max. 270mm
Dimensions	271 x 70 x 35mm



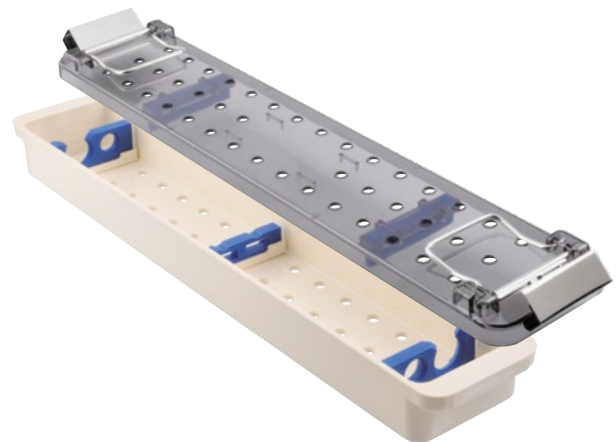
600-505-002

Endoscopes	max. 2
Endoscope length	max. 190mm
Dimensions	271 x 70 x 35mm



600-506-002\*

Endoscopes	max. 2
Endoscope length	max. 390mm
Dimensions	394 x 70 x 35mm



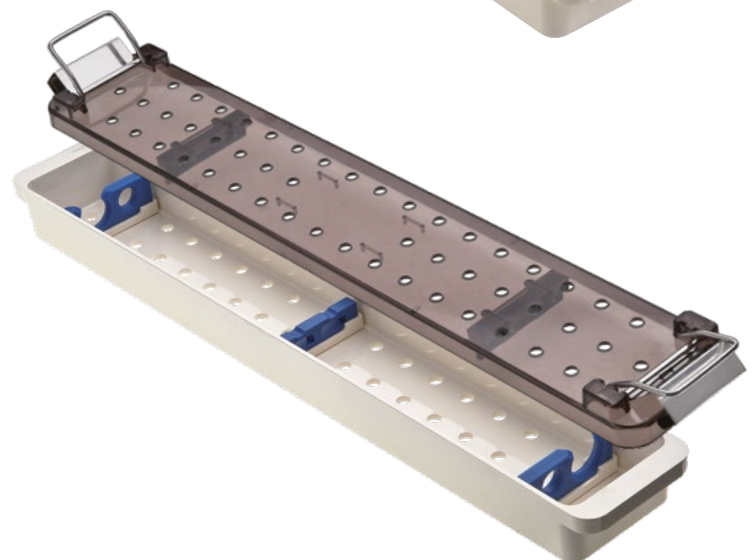
600-501-000

Endoscopes 1

600-501-002

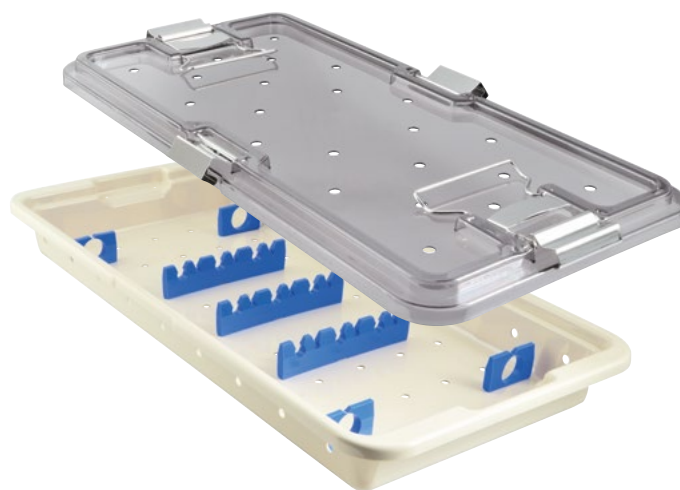
Endoscopes max. 2

Endoscope length	max. 450mm
Dimensions	457 x 70 x 35mm

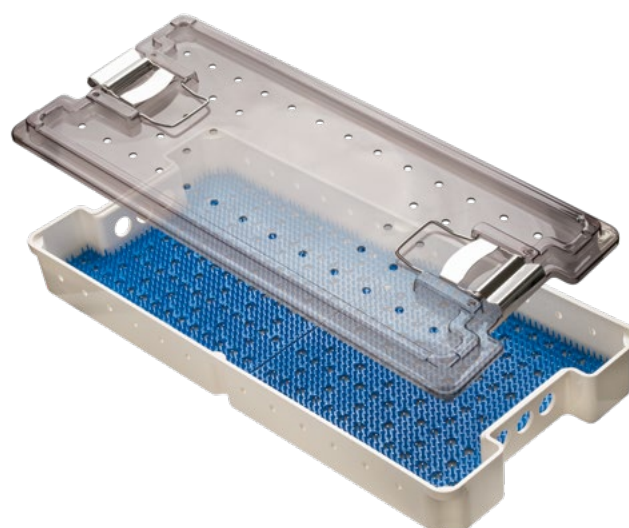


## ENDOSCOPE & INSTRUMENT CONTAINERS

600-508-000	for scopes and light guide cables
Endoscopes	max. 3 (∅ 5-10mm)
Fiber Optic Light Cable	1
Endoscope length	max. XXXmm
Dimensions	465 x 212 x 51mm



600-464-229	for fixation of instruments with rubber ties
Dimensions	464 x 229 x 51mm



600-511-000	for instruments with rubber ties on 2 levels
Dimensions	502 x 239 x 102mm



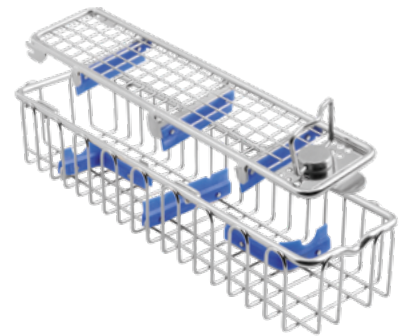


## ENDOSCOPE CLEANING BASKETS & CONTAINERS

with silicone bars on base and lid

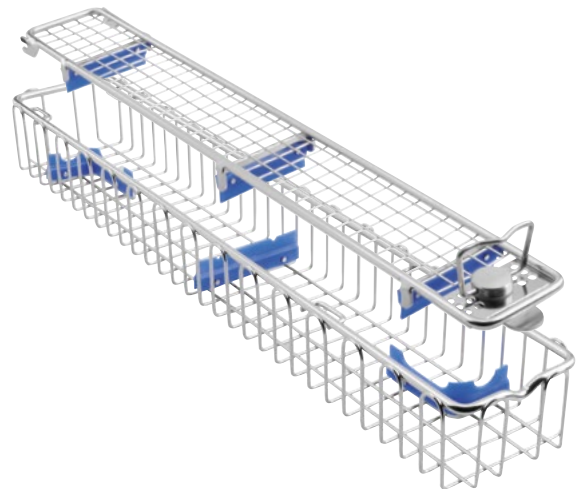
### 600-292-052\*

Endoscopes	max. 2
Endoscope length	max. 190mm
Dimensions	290 x 80 x 52mm

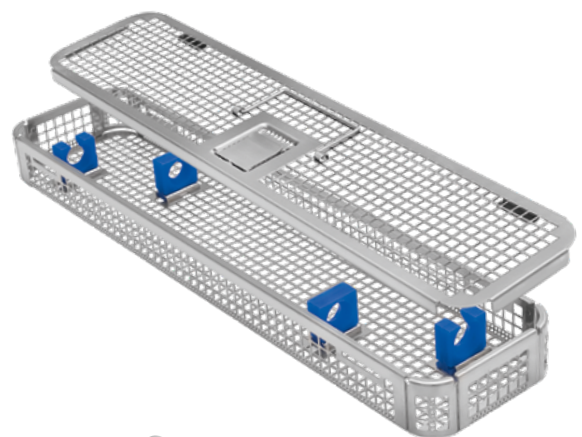


### 600-462-052\*

Endoscopes	max. 2
Endoscope length	max. 350mm
Dimensions	460 x 80 x 52mm

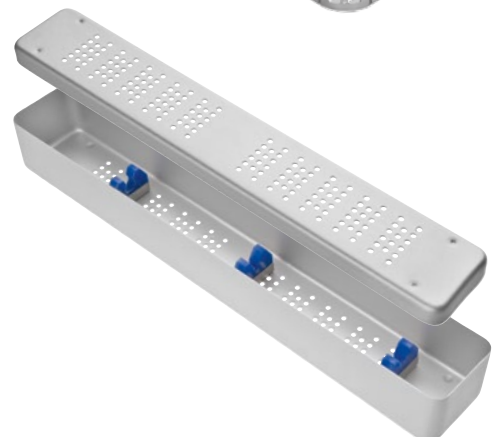


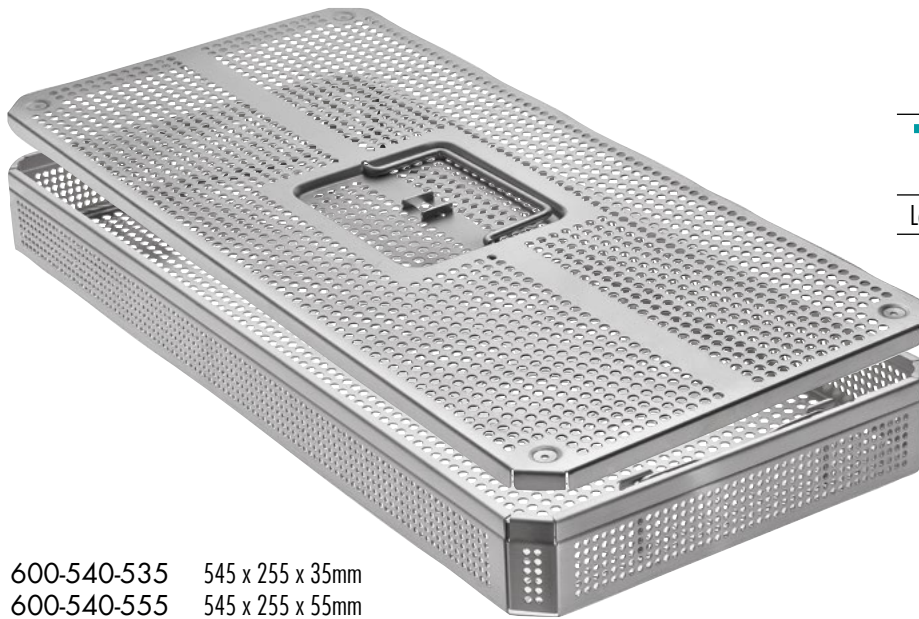
600-460-055	Endoscopes 1
600-460-056	Endoscopes max. 2
Endoscope length	max. 340mm
Dimensions	455 x 86 x 43mm



### 600-450-070

Endoscopes	max. 2
Endoscope length	max. 330mm
Dimensions	450 x 70 x 70mm





<b>1/1</b>	Stainless Steel Basket, round perforation, with lid
Length	545mm

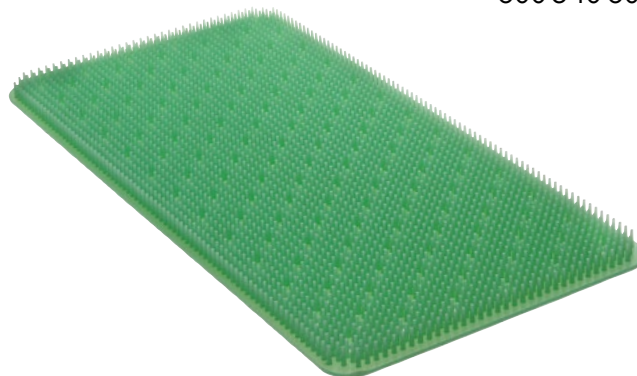
- 600-540-535 545 x 255 x 35mm
- 600-540-555 545 x 255 x 55mm
- 600-540-575 545 x 255 x 75mm
- 600-540-605 545 x 255 x 105mm



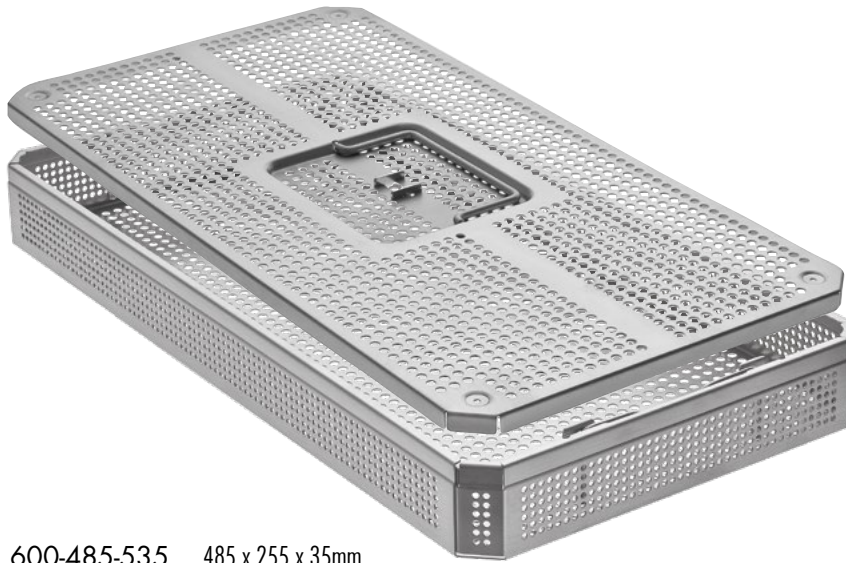
- Lid only
- 600-540-500 545 x 255 mm



- Bottom only
- 600-540-530 545 x 255 x 30mm
- 600-540-550 545 x 255 x 50mm
- 600-540-570 545 x 255 x 70mm
- 600-540-600 545 x 255 x 100mm



- 600-281-004 Silicone Mat green, 520 x 230mm



1/1

Stainless Steel Basket,  
round perforation, with lid

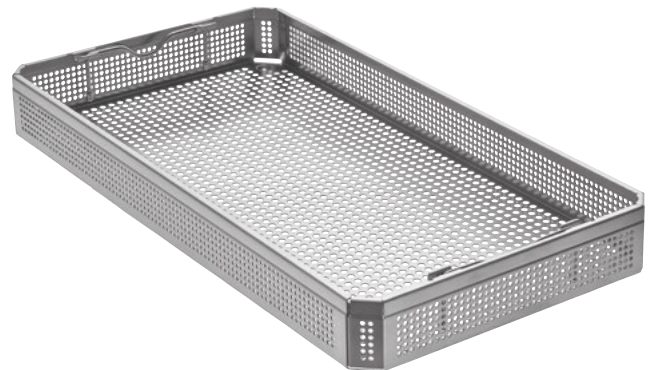
Length

485mm

600-485-535 485 x 255 x 35mm  
 600-485-555 485 x 255 x 55mm  
 600-485-575 485 x 255 x 75mm  
 600-485-605 485 x 255 x 105mm



Lid only  
 600-485-500 485 x 255 mm

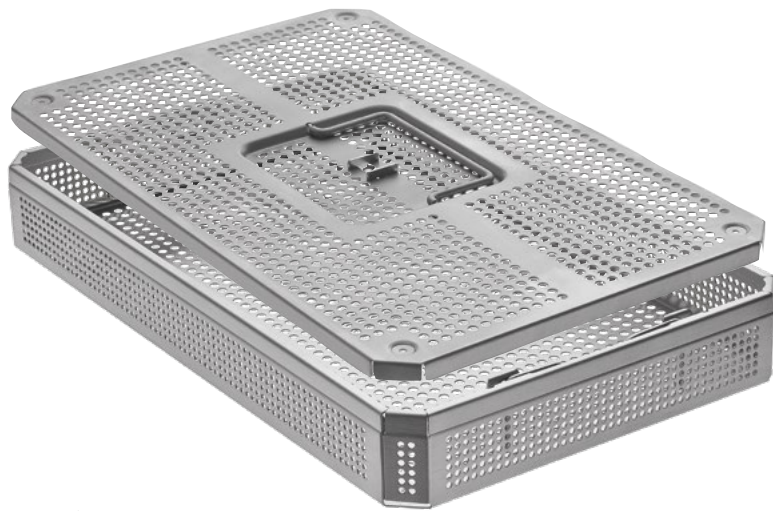


Bottom only  
 600-485-530 485 x 255 x 30mm  
 600-485-550 485 x 255 x 50mm  
 600-485-570 485 x 255 x 70mm  
 600-485-600 485 x 255 x 100mm



600-281-003 Silicone Mat green, 440 x 230mm





**3/4**

Stainless Steel Basket,  
round perforation, with lid

Length

405mm

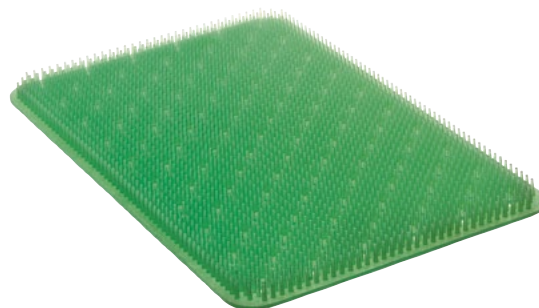
600-405-535 405 x 255 x 35mm  
 600-405-555 405 x 255 x 55mm  
 600-405-575 405 x 255 x 75mm  
 600-405-605 405 x 255 x 105mm



Lid only  
 600-405-500 405 x 255 mm



Bottom only  
 600-405-530 405 x 255 x 30mm  
 600-405-550 405 x 255 x 50mm  
 600-405-570 405 x 255 x 70mm  
 600-405-600 405 x 255 x 100mm



600-281-002 Silicone Mat green, 380 x 230mm



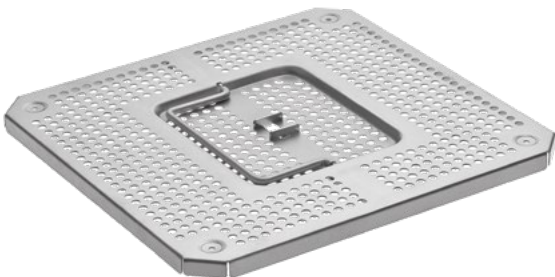
**1/2**

Stainless Steel Basket,  
round perforation, with lid

Length

255mm

- 600-255-535 255 x 245 x 35mm
- 600-255-555 255 x 245 x 55mm
- 600-255-575 255 x 245 x 75mm
- 600-255-605 255 x 245 x 105mm



- Lid only
- 600-255-500 255 x 245 mm



- Bottom only
- 600-255-530 255 x 245 x 30mm
- 600-255-550 255 x 245 x 50mm
- 600-255-565 255 x 245 x 70mm
- 600-255-600 255 x 245 x 100mm



- 600-281-001 Silicone Mat green, 220 x 230mm

- Integrated safety lid
- Ergonomic, noise-reduced handles
- Color matched lid and handles
- Increased stability due to reinforced container walls
- Safe fluctuation of air and steam thanks to integrated spring system



Folding front handle



Color-matched safety lid



Colored handles



Size (LxWxH)



580 x 280 x 100mm

●	600-580-101	600-579-101
●	600-580-102	600-579-102
●	600-580-103	600-579-103
●	600-580-104	600-579-104
●	600-580-105	600-579-105
●	600-580-106	600-579-106



580 x 280 x 135mm

●	600-580-131	600-579-131
●	600-580-132	600-579-132
●	600-580-133	600-579-133
●	600-580-134	600-579-134
●	600-580-135	600-579-135
●	600-580-136	600-579-136



580 x 280 x 150mm

●	600-580-151	600-579-151
●	600-580-152	600-579-152
●	600-580-153	600-579-153
●	600-580-154	600-579-154
●	600-580-155	600-579-155
●	600-580-156	600-579-156



580 x 280 x 200mm

●	600-580-201	600-579-201
●	600-580-202	600-579-202
●	600-580-203	600-579-203
●	600-580-204	600-579-204
●	600-580-205	600-579-205
●	600-580-206	600-579-206



580 x 280 x 260mm

●	600-580-261	600-579-261
●	600-580-262	600-579-262
●	600-580-263	600-579-263
●	600-580-264	600-579-264
●	600-580-265	600-579-265
●	600-580-266	600-579-266



Size (LxWxH)



465 x 280 x 100mm	●	600-469-101	600-470-101
	●	600-469-102	600-470-102
	●	600-469-103	600-470-103
	●	600-469-104	600-470-104
	●	600-469-105	600-470-105
	●	600-469-106	600-470-106



465 x 280 x 135mm	●	600-469-131	600-470-131
	●	600-469-132	600-470-132
	●	600-469-133	600-470-133
	●	600-469-134	600-470-134
	●	600-469-135	600-470-135
	●	600-469-136	600-470-136



465 x 280 x 150mm	●	600-469-151	600-470-151
	●	600-469-152	600-470-152
	●	600-469-153	600-470-153
	●	600-469-154	600-470-154
	●	600-469-155	600-470-155
	●	600-469-156	600-470-156



Size (LxWxH)



285 x 280 x 100mm	●	600-280-101	600-279-101
	●	600-280-102	600-279-102
	●	600-280-103	600-279-103
	●	600-280-104	600-279-104
	●	600-280-105	600-279-105
	●	600-280-106	600-279-106



285 x 280 x 135mm	●	600-280-131	600-279-131
	●	600-280-132	600-279-132
	●	600-280-133	600-279-133
	●	600-280-134	600-279-134
	●	600-280-135	600-279-135
	●	600-280-136	600-279-136



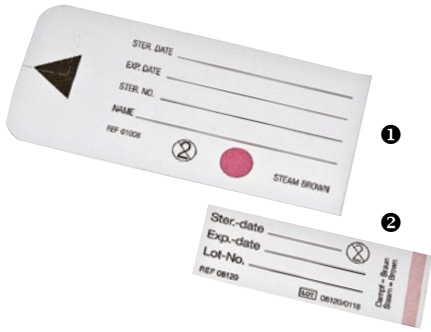
285 x 280 x 150mm	●	600-280-151	600-279-151
	●	600-280-152	600-279-152
	●	600-280-153	600-279-153
	●	600-280-154	600-279-154
	●	600-280-155	600-279-155
	●	600-280-156	600-279-156



285 x 280 x 200mm	●	600-280-201	600-279-201
	●	600-280-202	600-279-202
	●	600-280-203	600-279-203
	●	600-280-204	600-279-204
	●	600-280-205	600-279-205
	●	600-280-206	600-279-206



285 x 280 x 260mm	●	600-280-261	600-279-261
	●	600-280-262	600-279-262
	●	600-280-263	600-279-263
	●	600-280-264	600-279-264
	●	600-280-265	600-279-265
	●	600-280-266	600-279-266



Identification label, 100 pieces per package  
**1** 600-908-100 STANDARD  
**2** 600-908-000 SMALL



600-909-000  
 Plastic security seal,  
 100 pieces per package

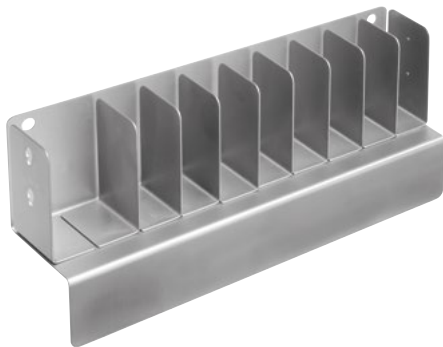
Identification label

with hole for snap hook  
 56x17mm

50x17mm



	with hole for snap hook 56x17mm	50x17mm
unmarked	600-900-040	600-900-041
	600-900-050	600-900-051
	600-900-060	600-900-061
	600-900-070	600-900-071
	600-900-080	600-900-081
	600-900-090	600-900-091
	600-900-100	600-900-101
	600-900-108	600-900-109
	600-900-110	600-900-111
	marked	600-900-120
600-900-130		600-900-131
600-900-140		600-900-141
600-900-150		600-900-151
600-900-160		600-900-161



600-900-210  
 Dispenser for identification labels  
 (8 small compartments and 1 double compartment)  
 as table or wall model



600-380-100  
 PTFE (TEFLON) Filter, round, STANDARD



600-290-630  
 Filter Dispenser for disposable Filter,  
 round, 195x195mm

## Cleaning



600-100-000  
RZ-Aquajet  
Water Jet Pistol complete  
with 9 tips and 1m pressure  
tubing, with strap and  
suspension hook



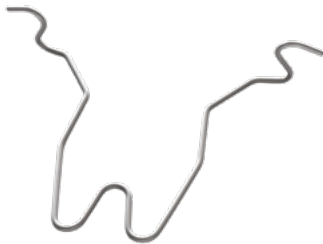
600-050-000  
Hand brush, autoclavable  
(10 pcs. per box)



600-950-100  
RZ - Brush dispenser  
for 10 brushes with suspension hook



700-900-220 Special Cotton for polishing metal sheaths and instruments



660-166-100  
Holding Device for cleaning & sterilization



700-900-160  
Instrument Oil in 50ml bottle



700-900-250  
Oil Dispenser, 140mm



Cleaning brush (1 piece per box), 500mm length  
300-135-905 for  $\varnothing$  5 mm  
300-135-910 for  $\varnothing$  10 mm



300-215-000 Cleaning Brush,  $\varnothing$  13mm, 215mm length, 60mm brush length



300-420-065 Cleaning Brush,  $\varnothing$  3mm, 420mm length, 65mm brush length



### Features:

- Versatile Irrigation Pump
- Pump leveling adjustment
- Pressure controlled roller pump

### DELIVERY CONTAINS:

- Pump device
- Tubing set (253-910-001)
- Mains cable
- 2 Spare fuses
- Operating manual

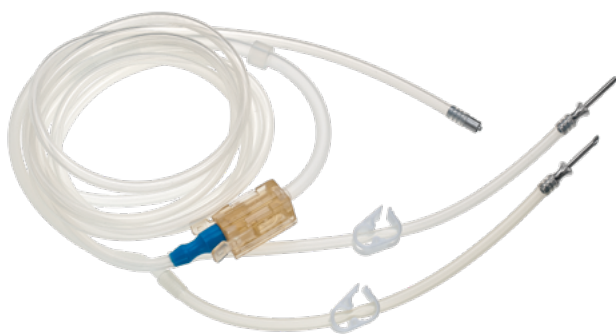
351-100-200 Basic Irrigation Pump P1

### Technical data

Line voltage	100-240 VAC
Power input	80VA
Irrigation power	0 - 0.5L/min
Pressure range	10 - 200mmHG
Measurements	380 x 130 x 400mm (WxHxD)
Weight	approx. 11kg

### Accessories

253-910-001	Irrigation Tubing Set, silicone, autoclavable	non-sterile	included
253-910-002	Irrigation Tubing Set, PVC, 20 pieces, daily tube	sterile	optional
253-910-003	Patient tube, PVC, 2.5m, 40 pieces	sterile	optional





### Features:

- 4K UHD resolution with 3-chip technology
- Image algorithm enhancement of color and structure
- 4K video recording
- 4K image saving
- Camera head with 4 programmable buttons
- Boost function
- Fog reduction
- Freeze function
- 2.5x digital zoom
- 10 USER mode configurations
- Multilingual on screen menu
- SDI 4K Output
- Text generator (optional with keyboard)

300-001-840 4K 3-Chip UHD-Camera K 4000

# 4K

### DELIVERY CONTAINS:

- Main Unit (300-001-840)
- Camera head (300-001-841)
- HDMI cable
- USB Pen Drive
- Mains cable
- Operating manual

### Technical data

Line voltage	100-240 VAC
Power consumption	60VA
Image sensor	3 MOS
Resolution	3840 x 2160 pixels (4K)
Index ratio	16:9
N/N ratio	54db

Video outputs	1x HDMI 4K 1x HDMI FullHD 1x SDI 4K 1x SDI FullHD
Dimensions	Control unit: 355 x 103 x 350mm (WxHxD) Weight control unit: 6.2kg Weight camera head: 145g

### Accessories



300-001-841  
UHD 3-Chip Camera Head  
(included in the set)



300-001-615  
Title generator keyboard, waterproof IP68  
US-Layout, cable 1.8m, color: grey,  
305x140x15mm, 600gr.



300-001-610  
Footswitch for HD Cameras  
cable length: 2m



### Features:

- Full HD camera with 3-chip MOS technology
- Pure Natural Colors technology
- Full HD video recording (F4 only)
- Full HD image saving (F4 only)
- Camera head with 3 programmable buttons
- Boost function
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu
- Different digital video outputs
- Text generator (optional with keyboard)

### DELIVERY CONTAINS:

- Main Unit
- Camera head
- YPbPr/RGB cable
- 2x BNC cable
- Jack Cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable
- USB Pen Drive (F4 only)
- Mains cable
- Operating manual

- 300-001-800 3 Chip HD-Camera F3  
 300-001-804 3 Chip HD-Camera F4 (with recording function)

# FULL HD

### Technical data

Line voltage	100-240 VAC
Power input	20W
Image sensor	3 MOS
Resolution	1920 x 1080 pixels (FullHD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	< 3lx (1/1.4)
Shutter speed	1/50 (1/60) to 1/100.000sec

Video outputs (F4)	2 x HD SDI 1 x HDMI / DVI 2x CVBS 1 x YPbPr / RGB 1 x Y/C (Pal/NTSC) 1 x CVBS (Pal/NTSC)
Video outputs (F3)	1 x HDMI / DVI 1 x YPbPr (Component) 1 x Y/C (Pal/NTSC) 1 x CVBS (Pal/NTSC)
Dimensions	Control unit: 380 x 120 x 360mm (WxHxD) Weight control unit: 11kg Weight camera head: 145g

### Accessories



300-001-802  
High-End 3-MOS Camera Head  
FullHD (included in the set)



300-001-615  
Title generator keyboard, waterproof IP68  
US-Layout, cable 1.8m, color: grey,  
305x140x15mm, 600gr.



300-001-610  
Footswitch for HD Cameras  
cable length: 2m





### Features:

- Full HD camera with 1-chip MOS technology
- Natural color technology
- Full HD video recording (F2 Pro only)
- Full HD image saving (F2 Pro only)
- Camera head with 3 programmable buttons
- Boost function
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu
- HDMI video outputs
- Text generator (optional with keyboard)

300-001-600 HD-Camera F1  
 300-001-601 HD-Camera F2 Pro (with recording function)

# FULL HD

### DELIVERY CONTAINS:

- Main Unit
- Camera head
- YPbPr/RGB cable
- 2x BNC cable
- HDMI - DVI cable
- HDMI cable
- S-Video cable
- Jack cable
- USB Pen Drive (F2 Pro only)
- Operating manual
- Mains cable

### Technical data

Line voltage	100-240 VAC
Power input	F2 Pro: 30W / F1: 20W
Image sensor	1/3" MOS
Resolution	1920 x 1080 pixels (FullHD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	< 3lx (1/1.4)

Video outputs (F2 Pro)	2 x HD SDI (optional) 1 x HDMI / DVI 1 x Y-Pb-Pr (Component) 1 x Video (PAL/NTSC) 1 x S-Video (PAL/NTSC)
Video outputs (F1)	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)
Dimensions	Control unit: 380 x 120 x 360mm (WxHxD) Weight control unit: 11kg Weight camera head: 105g

### Accessories



300-001-602  
 High-End 1/3" MOS Camera Head  
 Full HD (included in the set)



300-001-615  
 Title generator keyboard, waterproof IP68  
 US-Layout, cable 1.8m, color: grey,  
 305x140x15mm, 600gr.



300-001-610  
 Footswitch for HD Cameras  
 cable length: 2m



### Features:

- Full HD camera with 1-chip technology
- Bright color technology
- Video and Picture recording (Z2 only)
- Camera head with 3 programmable buttons (Z2 only)
- Freeze function
- 2.5x digital zoom
- 3 USER mode configurations
- Multilingual on screen menu

- 300-001-400 Camera Z1  
300-001-410 Camera Z2 (with recording function)

### DELIVERY CONTAINS:

- Main Unit (300-001-410)
- Camera head (300-001-410.1 / -400.1)
- HDMI/DVI Cable • HDMI cable
- 4GB USB Pen Drive (Z2 only)
- Mains cable • Operating manual

### Technical data

Line voltage	100-240 VAC
Image sensor	1/3" MOS
Resolution	1920 x 1080 pixels (FullHD)
Index ratio	16:9
Outputs	1x HDMI
Connections	1x USB, 1x Remote IN 2 x Remote OUT, 2x RJ45

Safety class (EN 60601-1)	I
Classification (EU 2017/745)	I
Application part	BF
Dimensions	Control Unit: 380 x 132 x 378 mm (WxHxD) Camera Head: ∅ 38 x 79mm
Weight	Control Unit: approx. 9kg Camera Head: 180g

### Accessories



300-001-410.1  
1/3" MOS Camera Head for Z2  
(included in the set)



300-001-400.1  
1/3" MOS Camera Head for Z1  
(included in the set)



300-001-615  
Title generator keyboard, waterproof IP68  
US-Layout, cable 1.8m, color: grey,  
305x140x15mm, 600gr.



300-001-610  
Footswitch for HD Cameras  
cable length: 2m



## TV COUPLER



**4K**  
**FULL HD**

300-001-823 f=14mm  
300-001-824 f=25mm  
300-001-825 f=28mm  
c-mount, soakable



**4K**  
**FULL HD**

250-015-030  
Zoom-TV-Adapter  
f=15 - 30mm  
c-mount, soakable



**4K**  
**FULL HD**

250-015-036  
Zoom-TV-Adapter  
f=15 - 36mm  
c-mount, soakable



**FULL HD**

300-001-813 f=14mm  
300-001-814 f=25mm  
c-mount, soakable



**FULL HD**

250-020-025 F=25mm (splitting 90/10)  
250-020-030 F=30mm (splitting 90/10)  
Beamsplitter, allows simultaneous video  
and direct views, c-mount, soakable



300-001-168  
Endovue 32" HD Monitor

300-001-158  
Endovue 24" HD Monitor

### Technical data

Screen size	31.5" / 24" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	16.7 Million (8-bit)
Video Inputs	DVI-D, RGBS/VGA/YPbPr (HD-15 or DVI-I via adapter), S-Video, Composite
Video Outputs	DVI-D
Weight	8.8kg (300-001-168) 6.7kg (300-001-158)



300-001-232  
Radiance 32" HD Monitor

300-010-226  
Radiance 27" HD Monitor

### Technical data

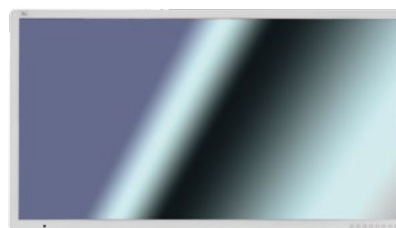
Screen size	32" / 27" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.07 Billion (10-bit)
Video Inputs	DVI-I and 3G-SDI Input/Output
Video Outputs	DVI-D
Weight	11.0kg (300-001-232) 8.9kg (300-010-226)



300-001-031  
UHD 4K Monitor, 31"

### Technical data

Screen size	31" diagonal
Resolution	4096 x 2160
Aspect ratio	17:9
Viewing angle	178°
Number of colors	1.08 Billion (10-bit)
Video Inputs	1 x HDMI 2.0 1 x DP 1.2 (SST) & 1 x DP 1.2 (MST) 1 x DVI (single link), 4 x SDI (3G)
Video Outputs	1 x DP 1.2 (SST) 1 x DVI (single link), 4 x SDI (3G)
Weight	10.5kg



300-001-055  
UHD 4K Monitor, 55"

### Technical data

Screen size	55" diagonal
Resolution	3840 x 2160
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.08 Billion (10-bit)
Video Inputs	1 x HDMI 2.0, 2 x DP 1.2 (55T) 1 x DVI (single link), 2 x DVI (dual link) 4 x SOi (3G), 2 x SOi (12G)
Video Outputs	1 x DVI (single link), 1 x DP 1.2 (SST) 4 x SDI (3G), 2x SDI (12G)
Weight	37.35kg



### Features:

- 6500K daylight color temperature
- 375 Watt equivalent output power
- > 20.000 hours lifetime
- Turret connector for the most common light cables (Olympus, Wolf, Gyrus ACMI, Storz)
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Boost function: light increase of 20%

300-900-300 LUMEN LED 3 PRO Light Source, 110 - 230V



### DELIVERY CONTAINS:

- Main Unit (300-900-300)
- BNC cable (optional)
- Mains cable
- Operating manual

### Technical data

Line voltage	100-240 VAC
Video input	1x Video, BNC
Protection class	1 (acc. IEC 60601-1) 1 (acc. MDD 93/42/EEC)
Safety class	BF
Standard	IEC 60601-1-2
Dimensions	380 x 120 x 360mm (WxHxD)
Weight	approx. 11kg



A OLYMPUS

B WOLF

C GYRUS ACMI

D STORZ  
KARL STORZ ENDOSKOPIE

Turret, multi connector



### Features:

- More than 20.000h lamp lifetime
- 180 Watt equivalent power output
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation
- Boost function: light increase of 20%

300-900-180 LUMEN LED 1 Light Source

### DELIVERY CONTAINS:

- Main Unit (300-900-180)
- BNC cable
- Mains cable
- Operating manual



### Technical data

Line voltage	100-240 VAC
Power consumption	130VA
Video input	1x Video, 1x S-Video (Y/C) (automatic version only)
Protection class	1 (acc. IEC 60601-1) 1 (acc. MDD 93/42/EEC)
Safety class	BF
Dimensions	380 x 120 x 360mm (WxHxD)
Weight	approx. 11kg

## HIGH TEMPERATURE LED/XENON LIGHT CABLES



Adaptor pieces to use with **endoscope**



250-042-000  
RZ/Storz/Olympus



250-040-000  
Wolf



250-041-000  
ACMI/British Standard

XENON/LED Light Guide Cables  
with melt and bending protection

250-025-230	∅ 2.5 mm, 2300 mm
250-025-300	∅ 2.5 mm, 3000 mm
250-035-180	∅ 3.5 mm, 1800 mm
250-035-230	∅ 3.5 mm, 2300 mm
250-035-300	∅ 3.5 mm, 3000 mm
250-048-180	∅ 4.8 mm, 1800 mm
250-048-230	∅ 4.8 mm, 2300 mm
250-048-300	∅ 4.8 mm, 3000 mm

Adaptor pieces to use with **light source**



250-039-000  
RZ/Storz



250-038-000  
ACMI/CUDA



250-048-000  
Luxtec



250-051-000  
Stryker



250-037-000  
Wolf



250-044-000  
Olympus



250-045-000  
Olympus - Standard



250-052-000  
Heine



250-059-000  
Pentax



**COMPATIBILITY NOTE:**

A fiber optic cable with a large diameter should not be connected to a smaller diameter scope.  
For example: ∅ 4.8mm fiber optic cables connected to a ∅ 2.9mm may risk high temperature at the light entry of the endoscope and may risk patient safety.



### Features:

- Monopolar/bipolar cutting and coagulation
- Automatic identification of connected instruments
- Powerstart System simplifies the beginning of cutting process
- Automatic power regulation
- 105 different memory locations in 7 groups
- Various output configuration of the sockets available
- 10" Touchscreen
- Tiltable display
- Footswitch (optional)
- Available with Argon and / or the RZeal
- Real-time output monitoring

### DELIVERY CONTAINS:

- Main Unit
- Mains Cable
- (Footswitch not included)

700-350-400 230V  
 700-350-410 110V  
 G400 Electrosurgical Generator

### Technical data

Line voltage	110-230 VAC
Power consumption	500W
Generator operation frequency	333kHz
Display	TFT 10"
Defibrillation impulse resistance	acc. to to EN 60601-1
NEM system	neutral electrode control optical indication 7 levels required resistance < 240 Ω
Gas type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Monopolar coagulation / cutting	200W / 400W
Bipolar coagulation / cutting	400W / 400W

Gas outflow	0.1-10 l/min, regulated 0.1 l/min in whole range
Pressure range	reducer (0.4 MPa) on argon cylinder
Vessel sealing system	9 effects/300W
AutoStop	automatic stop of sealing process after achieving the optimal effect
Dimensions	495 x 415 x 225mm (LxWxH)
Weight	12.2kg

### Accessories



700-350-405  
 2-Button-Footswitch, length: 5m

700-350-402  
 3-Button-Footswitch, length: 5m, quick access key



Disposable Neutral Electrode hydrogel, split, for adults or children  
 10x5 pcs. per package  
 700-503-000 Adults  
 700-503-001 Children



Cable for Disposable Neutral Electrode  
 5m, RZ compatible only  
 700-503-003





### Features:

- Monopolar/bipolar cutting and coagulation
- Automatic instrument detection system
- Intuitive Touchscreen
- Automatic power regulation
- Configurable working modes
- Real-time parameter control
- Special endoscopic modes
- Bipolar resection
- Easy software update

700-340-400 230V  
700-340-410 110V  
G44 Electrosurgical Generator

### DELIVERY CONTAINS:

- Main Unit
- Mains Cable  
(Footswitch not included)

### Technical data

Line voltage	110-240 VAC
Power consumption	1100VA
Generator operation frequency	333kHz
Display	TFT 7" WVGA
Spectrum result system	automatic power regulation
Monopolar coagulation	max. 200W (200Ω)
Monopolar cutting	max. 400W (100Ω)
Bipolar coagulation	max. 400W (25Ω)
Bipolar cutting	max. 330W (150Ω)

NEM system	neutral electrode control, optical indication, required resistance < 240 Ω
Dimensions	385 x 305 x 141mm (LxWxH)
Weight	7kg

### Accessories



700-350-405  
2-Button-Footswitch, length: 5m

700-350-402  
3-Button-Footswitch, length: 5m, quick access key



Disposable Neutral Electrode  
hydrogel, split, for adults or children  
10x5 pcs. per package  
700-503-000 Adults  
700-503-001 Children



Cable for Disposable Neutral Electrode  
5m, RZ compatible only  
700-503-003

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