



Imaging system,
endoscopes and
instruments

Legend

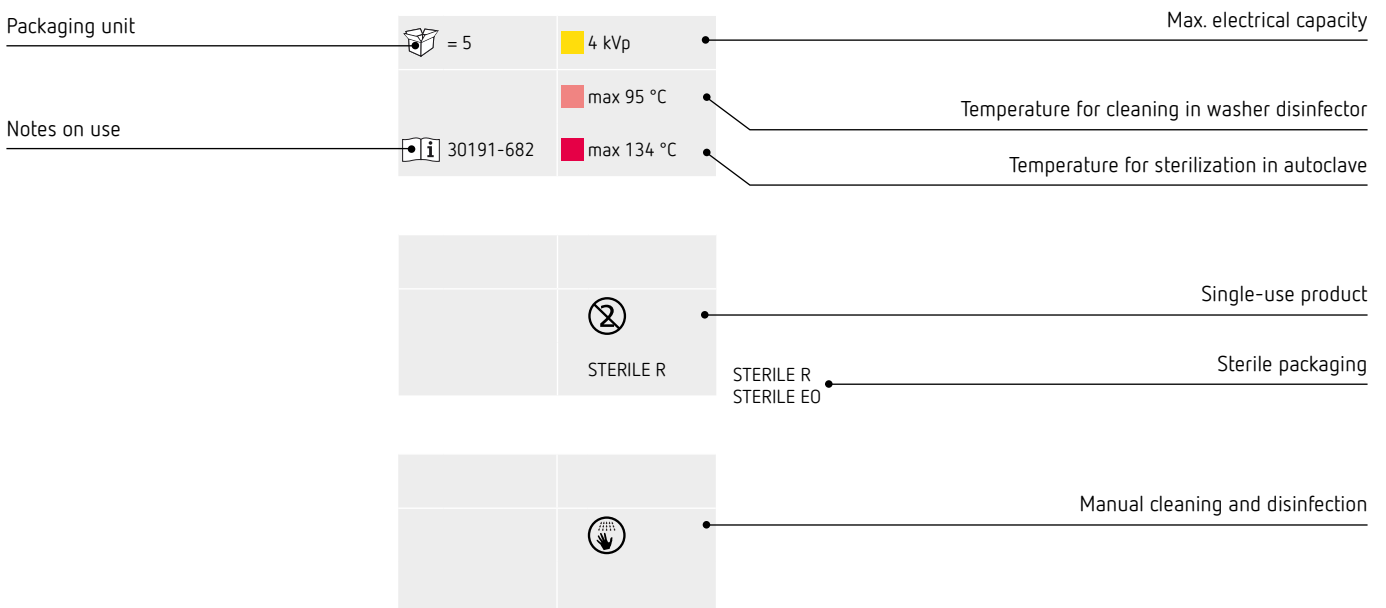
Important notes

The authors and Erbe Elektromedizin GmbH have taken the greatest possible care while compiling the catalogue with electrosurgical accessories. Nevertheless, it is impossible to exclude the possibility that errors may be contained herein.

The information and recommendations given here may not be construed as constituting any basis for any claims against Erbe Elektromedizin GmbH. Should legal regulations stipulate liability, such liability shall be limited to intentional misconduct or gross negligence.

The data on the use of instruments is based on clinical experience. Medical science is subject to a process of permanent change based on research and clinical experience. Therefore the products are subject to alterations in design and technique. Because of production tolerances dimensions in the catalogue may marginally differ.

Further product information



Please read carefully the corresponding notes on use before using any instrument.

Imaging system, endoscopes and instruments

Imaging system

- 04 VIRON X camera system
- 06 VIRON 1 camera system
- 07 Light sources
- 07 Recorder
- 08 Carts
- 09 Monitors
- 10 CO₂ gas insufflator
- 10 Multiuse pump

Endoscopes & accessories

- 11 Laparoscopes 4K NIR
- 12 Laparoscopes 4K
- 14 Laparoscopes HD
- 15 Hysteroscopes
- 16 Cystoscopes

Resectoscopes & accessories

- 17 26 CH resectoscope system /
working element, shafts, obturators and electrodes
- 23 18.5 CH resectoscope system /
working element, shafts, obturators and electrodes
- 24 Accessories

Hysteroscopes & accessories

- 25 Diagnostic sheath
- 27 Operating sheath

Cystoscopes & accessories

- 28 Cystoscope/Urethroscope
- 31 Albarran working elements
- 32 Optical instruments
- 33 Mauermayer optical punch
- 34 Urethrotome
- 35 Accessories

Laparoscopic instruments & accessories

- 36 Veress needles
- 36 Needle holders
- 37 Flexible bipolar electrodes
- 38 Monopolar electrodes
- 39 Suction irrigation
- 41 Trocars
- 43 Accessories

Imaging system

VIRON X camera system

VIRON X camera control unit and camera head, 4K UHD, with coupler, tablet and keyboard



No. 10800-600

= 1



VIRON X camera control unit, 4K UHD



No. 10800-006

= 1



VIRON X camera head, 4K UHD



No. 10801-006

= 1



VIRON XO Illuminator, 150 mm



No. 20821-004

= 1



VIRON XO Illuminator, 200 mm



No. 20821-005

= 1



Camera cover for VIRON XO with eyepiece connection for standard endoscopes



No. 20821-006

= 40



STERILE EO

Imaging system

VIRON X camera system

Tablet to use with VIRON X



No. 20800-010

= 1




Medical keyboard for VIRON X, blue LED backlighting closed silicone chassis, white, PS / 2 interface, USB-Interface





No. 20800-011

= 1



Camera coupler	Piece	No.
 Camera coupler f=18 mm	1	20800-001
Camera coupler f=20 mm	1	20800-002
Camera coupler f=22 mm	1	20800-003
Camera coupler f=25 mm	1	20800-005

Camera coupler, zoom	Piece	No.
 Camera coupler f=15-25 mm, zoom	1	20800-006
Camera coupler f=15-35 mm, vario zoom	1	20800-007

Camera coupler, angled	Piece	No.
 Camera coupler f=25 mm, 90°, angled	1	20800-008
Camera coupler f=18 mm, 90°, angled	1	20800-009

Imaging system

VIRON 1 camera system

VIRON 1 camera control unit and camera head, Full HD, with coupler



No. 10800-800

= 1



VIRON 1 camera control unit, Full HD



No. 10800-002

= 1




VIRON 1 camera head, Full HD





No. 10801-002

= 1



Camera coupler	Piece	No.
 Camera coupler f=18 mm	1	20800-001
Camera coupler f=20 mm	1	20800-002
Camera coupler f=22 mm	1	20800-003
Camera coupler f=25 mm	1	20800-005

Camera coupler, zoom	Piece	No.
 Camera coupler f=15-25 mm, zoom	1	20800-006
Camera coupler f=15-35 mm, vario zoom	1	20800-007

Camera coupler, angled	Piece	No.
 Camera coupler f=25 mm, 90°, angled	1	20800-008
Camera coupler f=18 mm, 90°, angled	1	20800-009

Imaging system

Light sources

X-Light light source, for ICG application, for fluorescence imaging



No. 10820-001

= 1



LED 610 light source, cold light



No. 10820-000

= 1



Connecting cables

Fiberoptic cable, Ø 3.5 mm, length 3 m, high temperature resistant



Piece

No.

1

20820-000

Fiberoptic cable, Ø 4.8 mm, length 3 m, high temperature resistant



1

20821-000

Recorder

Medical video recorder, 4K UHD



No. 10860-000

= 1



Imaging system

Carts

Compact Cart for Imaging system



- with 3 shelves,
- movable monitor holder,
- keyboard drawer,
- isolating transformer

No. 20861-000

 = 1



Premium Cart for Imaging system



- with 4 shelves,
- universal camera holder,
- monitor arm on crosspiece,
- keyboard drawer,
- isolation transformer

No. 20861-001

 = 1



High-End Cart for Imaging system



- with 4 shelves
- universal camera holder
- 2 monitor arms
- keyboard drawer
- isolation transformer

No. 20861-002

 = 1



Accessories

Tablet holder for cart

Piece

1

No.

20861-003

Imaging system

Monitors

Medical monitor, 21" HD



No. 10850-000

= 1



Medical monitor, 27" HD



No. 10850-001

= 1



Medical monitor, 32" HD



No. 10850-002

= 1



Medical monitor, 32" 4K UHD



No. 10850-003

= 1



Medical monitor, 32" 4K UHD



No. 10850-004

= 1



Accessories

Stand for monitor

Piece

1

No.

20850-000

Imaging system

CO₂ gas insufflator

CO₂ gas insufflator 45l/min, with integrated gas preheater



No. 10830-003

= 1



Accessories for CO ₂ gas insufflator	Single-use	Sterile packaging	Piece	No.
Tube for insufflation with integrated filter	⊗	STERILE EO	20	20830-013
Tube for insufflation			1	20830-014
Hygiene filter for CO ₂ gas insufflator	⊗	STERILE EO	50	20830-015
External gas filter for gas connection			1	20830-016

Multiuse pump

VARIOFLOW multiuse pump, interdisciplinary suction/irrigation pump



No. 10840-002

= 1



Accessories for multiuse pump	Piece	No.
Foot switch for VARIOFLOW multiuse pump	1	20840-003
Balance unit for VARIOFLOW multiuse pump	1	20840-004
Irrigation tubing set, silicone, autoclavable; ■ max 95 °C; ■ max 134 °C	1	20840-007
Suction tubing set for VARIOFLOW multiuse pump; ■ max 95 °C; ■ max 134 °C	1	20840-010
Foot switch battery charger	1	20840-005
Scale pan for Balance Unit	1	20840-006
Measuring chamber, autoclavable with pump segment	10	20840-008
Spare membrane for measuring chamber, autoclavable	1	20840-009
Hydrophobic filter, autoclavable for suction tubing set	1	20840-011
Suction container 2 litres, autoclavable	1	20840-012
Holder für suction container	1	20840-013
Licence key Urology	1	20840-014
Licence key Hysteroscopy	1	20840-015
Licence key Arthroscopy	1	20840-016
Licence key Spine	1	20840-017
Service key inclusive Service Manual	1	20840-018
Mains cable Euro, L 2 m	1	20840-019
Fuses, type T 3.15 A H 250 V AC, case 5x20 mm	10	20840-020

Endoscopes

Laparoscopes 4K NIR

Laparoscope, Ø 5.5 mm, 0°, 4K NIR, working length 300 mm



No. 20860-001

= 1

max 134 °C

Laparoscope, Ø 5.5 mm, 30°, 4K NIR, working length 300 mm



No. 20860-003

= 1

max 134 °C

Laparoscope, Ø 5.5 mm, 45°, 4K NIR, working length 300 mm



No. 20860-005

= 1

max 134 °C

Laparoscope, Ø 10 mm, 0°, 4K NIR, working length 330 mm



No. 20860-007

= 1

max 134 °C

Laparoscope, Ø 10 mm, 30°, 4K NIR, working length 330 mm



No. 20860-009

= 1

max 134 °C

Laparoscope, Ø 10 mm, 45°, 4K NIR, working length 330 mm



No. 20860-011

= 1

max 134 °C

Endoscopes

Laparoscopes 4K

Laparoscope, Ø 5.5 mm, 0°, 4K, working length 300 mm



No. 20860-000

= 1

max 134 °C

Laparoscope, Ø 5.5 mm, 30°, 4K, working length 300 mm



No. 20860-002

= 1

max 134 °C

Laparoscope, Ø 5.5 mm, 45°, 4K, working length 300 mm



No. 20860-004

= 1

max 134 °C

Laparoscope, Ø 10 mm, 0°, 4K, working length 330 mm



No. 20860-006

= 1

max 134 °C

Laparoscope, Ø 10 mm, 30°, 4K, working length 330 mm



No. 20860-008

= 1

max 134 °C

Laparoscope, Ø 10 mm, 45°, 4K, working length 330 mm



No. 20860-010

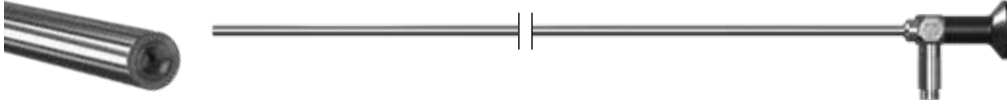
= 1

max 134 °C

Endoscopes

Laparoscopes 4K

Laparoscope, bariatric, Ø 5.5 mm, 0°, 4K, working length 424 mm

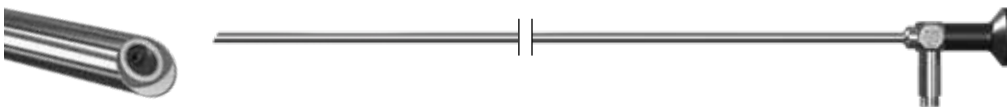


No. 20860-015

= 1

max 134 °C

Laparoscope, bariatric, Ø 5.5 mm, 30°, 4K, working length 424 mm

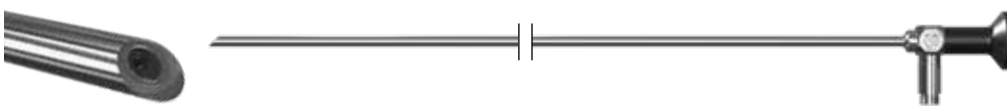


No. 20860-016

= 1

max 134 °C

Laparoscope, bariatric, Ø 5.5 mm, 45°, 4K, working length 425 mm

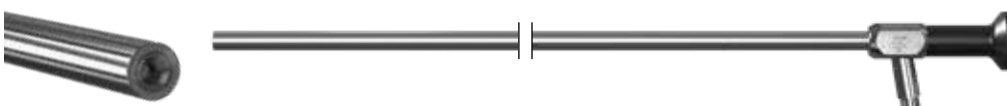


No. 20860-017

= 1

max 134 °C

Laparoscope, bariatric, Ø 10 mm, 0°, 4K, working length 450 mm

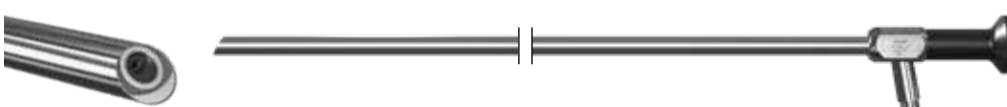


No. 20860-012

= 1

max 134 °C

Laparoscope, bariatric, Ø 10 mm, 30°, 4K, working length 450 mm

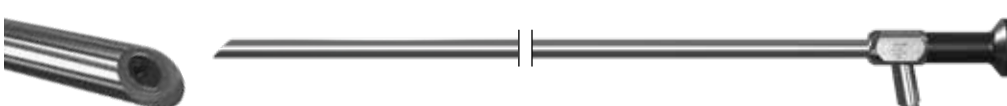


No. 20860-013

= 1

max 134 °C

Laparoscope, bariatric, Ø 10 mm, 45°, 4K, working length 450 mm



No. 20860-014

= 1

max 134 °C

Endoscopes

Laparoscopes HD

Laparoscope, Ø 5.5 mm, 0°, HD, working length 300 mm



No. 20860-196

= 1

max 134 °C

Laparoscope, Ø 5,5 mm, 30°, HD, working length 300 mm



No. 20860-197

= 1

max 134 °C

Laparoscope, Ø 5.5 mm, 45°, HD, working length 300 mm



No. 20860-198

= 1

max 134 °C

Laparoscope, Ø 10 mm, 0°, HD, working length 330 mm



No. 20860-199

= 1

max 134 °C

Laparoscope, Ø 10 mm, 30°, HD, working length 330 mm



No. 20860-200

= 1

max 134 °C

Laparoscope, Ø 10 mm, 45°, HD, working length 330 mm



No. 20860-201

= 1

max 134 °C

Accessories for laparoscopes

Wire basket 640 x 150 mm for one endoscope and fiberoptic cable

Piece

1

No.

20860-195

Endoscopes

Hysteroscopes

Endoscope for hysteroscope, Ø 2.9 mm, 0°, HD, working length 300 mm



No. 20862-004

= 1

max 134 °C

Endoscope for hysteroscope, Ø 2.9 mm, 12°, HD, working length 300 mm



No. 20862-005

= 1

max 134 °C

Endoscope for hysteroscope, Ø 2.9 mm, 30°, HD, working length 300 mm



No. 20862-006

= 1

max 134 °C

Endoscope for hysteroscope, Ø 4 mm, 0°, HD, working length 300 mm



No. 20862-000

= 1

max 134 °C

Endoscope for hysteroscope, Ø 4 mm, 12°, HD, working length 300 mm



No. 20862-001

= 1

max 134 °C

Endoscope for hysteroscope, Ø 4 mm, 30°, HD, working length 300 mm



No. 20862-002

= 1

max 134 °C

Endoscope for hysteroscope, Ø 4 mm, 70°, HD, working length 300 mm



No. 20862-003

= 1

max 134 °C

Endoscopes

Cystoscopes

Endoscope for cystoscope, Ø 4 mm, 0°, HD, working length 300 mm



No. 20864-000

= 1

max 134 °C

Endoscope for cystoscope, Ø 4 mm, 12°, HD, working length 300 mm



No. 20864-001

= 1

max 134 °C

Endoscope for cystoscope, Ø 4 mm, 30°, HD, working length 300 mm



No. 20864-002

= 1

max 134 °C

Endoscope for cystoscope, Ø 4 mm, 70°, HD, working length 300 mm



No. 20864-003

= 1

max 134 °C

Resectoscopes

26 CH resectoscope system / working element, shafts, obturators and electrodes

Working element, monopolar, for resectoscope 26/24 CH, passive, with protection rod



No. 20862-018

= 1

max 134 °C

Working element, monopolar, for resectoscope 26/24 CH, active, with protection rod



No. 20862-019

= 1

max 134 °C

Working element, bipolar, for resectoscope 26/24 CH, passive, with protection rod



No. 20862-020

= 1

max 134 °C

Working element, bipolar, for resectoscope 26/24 CH, active, with protection rod



No. 20862-021

= 1

max 134 °C

Protection rod for working element

No. 20862-022

= 1

max 134 °C

Resectoscopes

26 CH resectoscope system / working element, shafts, obturators and electrodes

Outer sheath for resectoscope, 26 CH



No. 20862-024

= 1

max 134 °C

Inner sheath for resectoscope, 24 CH



No. 20862-026

= 1

max 134 °C

Obturator for resectoscope sheath



No. 20862-035

= 1

max 134 °C

Obturator for resectoscope shaft, angled

No. 20862-036

= 1

max 134 °C

Visual obturator for resectoscope sheath

No. 20862-037

= 1

max 134 °C

Visual obturator for resectoscope sheath with working channel



No. 20862-038

= 1

max 134 °C


Resectoscopes

26 CH resectoscope system / working element, shafts, obturators and electrodes

Sheath for resectoscope

No. 20862-039

 = 1

 max 134 °C


Roller electrode, monopolar, Ø 3 mm, serrated, for resectoscope 24/26 CH



No. 20862-040

 = 5

 2 kVp

 max 134 °C


Roller electrode, monopolar, Ø 5 mm, serrated, for resectoscope 24/26 CH



No. 20862-041

 = 5

 2 kVp

 max 134 °C


Knife electrode, monopolar, for resectoscope 24/26 CH



No. 20862-042

 = 5

 2 kVp

 max 134 °C


Loop electrode, monopolar, straight, for resectoscope 24/26 CH



No. 20862-043

 = 5

 2 kVp

 max 134 °C


Loop electrode, monopolar, angled 30°, for resectoscope 24/26 CH



No. 20862-044

 = 5

 2 kVp

 max 134 °C


Loop electrode, monopolar, angled 90°, for resectoscope 24/26 CH



No. 20862-045

 = 5

 2 kVp

 max 134 °C

Resectoscopes

26 CH resectoscope system / working element, shafts, obturators and electrodes

Vaporisation electrode, monopolar, for resectoscope 24/26 CH



No. 20862-046



= 5

2 kVp

max 134 °C

Conical electrode, monopolar, for resectoscope 24/26 CH



No. 20862-047



= 5

2 kVp

max 134 °C

Ball electrode, monopolar, Ø 3 mm, for resectoscope 24/26 CH



No. 20862-048



= 5

2 kVp

max 134 °C

Ball electrode, monopolar, Ø 5 mm, for resectoscope 24/26 CH



No. 20862-049



= 5

2 kVp

max 134 °C

Roller electrode, monopolar, Ø 3 mm, plain, for resectoscope 24/26 CH



No. 20862-050



= 5

2 kVp

max 134 °C

Roller electrode, monopolar, Ø 5 mm, plain, for resectoscope 24/26 CH



No. 20862-051



= 5

2 kVp

max 134 °C

Roller electrode, bipolar, Ø 3 mm, serrated, for resectoscope 24/26 CH



No. 20862-052



= 5

2 kVp

max 134 °C

Resectoscopes

26 CH resectoscope system / working element, shafts, obturators and electrodes

Roller electrode, bipolar, Ø 5 mm, serrated, for resectoscope 24/26 CH



No. 20862-053

= 5

2 kVp

max 134 °C

Knife electrode, bipolar, for resectoscope 24/26 CH



No. 20862-054

= 5

2 kVp

max 134 °C

Loop electrode, bipolar, straight, for resectoscope 24/26 CH



No. 20862-055

= 5

2 kVp

max 134 °C

Loop electrode, bipolar, angled 30°, for resectoscope 24/26 CH



No. 20862-056

= 5

2 kVp

max 134 °C

Loop electrode, bipolar, angled 90°, for resectoscope 24/26 CH



No. 20862-057

= 5

2 kVp

max 134 °C

Vaporisation electrode, bipolar, for resectoscope 24/26 CH



No. 20862-058

= 5

2 kVp

max 134 °C

Conical electrode, bipolar, for resectoscope 24/26 CH



No. 20862-059

= 5

2 kVp

max 134 °C

Resectoscopes

26 CH resectoscope system / working element, shafts, obturators and electrodes

Ball electrode, bipolar, Ø 3 mm, for resectoscope 24/26 CH



No. 20862-060



= 5

2 kVp

max 134 °C

Ball electrode, bipolar, Ø 5 mm, for resectoscope 24/26 CH



No. 20862-061



= 5

2 kVp

max 134 °C

Roller electrode, bipolar, Ø 3 mm, plain, for resectoscope 24/26 CH



No. 20862-062



= 5

2 kVp

max 134 °C

Roller electrode, bipolar, Ø 5 mm, plain, for resectoscope 24/26 CH



No. 20862-063



= 5

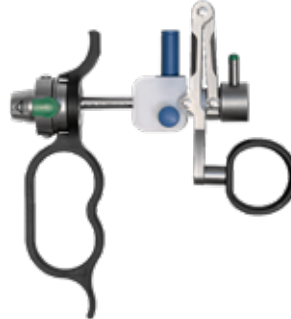
2 kVp

max 134 °C

Resectoscopes

18.5 CH resectoscope system / working element, shafts, obturators and electrodes

Working element, bipolar, for mini resectoscope 18.5/17.5 CH



No. 20862-023

= 1

max 134 °C

Obturator for inner sheath for mini resectoscope, 17.5 CH



No. 20862-029

= 1

max 134 °C

Outer sheath for mini resectoscope, 18.5 CH



No. 20862-027

= 1

max 134 °C

Inner sheath for mini resectoscope, 17.5 CH



No. 20862-028

= 1

max 134 °C

Resectoscopes

18.5 CH resectoscope system / working element, shafts, obturators and electrodes

Loop electrode, angled, for mini resectoscope 18.5/17.5 CH



No. 20862-030



2 kVp

max 134 °C

Ball electrode, for mini resectoscope 18.5/17.5 CH



No. 20862-031



2 kVp

max 134 °C

Knife electrode, for mini resectoscope 18.5/17.5 CH



No. 20862-032



2 kVp

max 134 °C

Loop electrode, straight, for mini resectoscope 18.5/17.5 CH







No. 20862-033



2 kVp

max 134 °C

Accessories

Cables, tubes, tray	Piece	No.
HF cable, monopolar, for resectoscope 	1	20862-073
Bipolar connecting cable, for WOLF resectoscopes, with MF plug, 4 m for VIO 3 and VIO 300 D from version V.1.6.2 on 	1	20196-119
Bipolar connecting cable, for WOLF resectoscopes, with MF-U plug, 4.5 m only for VIO 3 	1	21196-119
Sterilisation tube for resectoscope electrodes and urethrotome cold knives 	1	20862-064
Resectoscope wire basket 540x253x47mm	1	20862-087

Hysteroscopes

Diagnostic sheath

Inner sheath for hysteroscope, Ø 4 mm, 0°, working length 260 mm



No. 20862-007

= 1

max 134 °C

Inner sheath for hysteroscope, Ø 4 mm, 30°, working length 260 mm



No. 20862-008

= 1

max 134 °C

Outer sheath for hysteroscope, Ø 4 mm, 0° and 30°, working length 240 mm

No. 20862-009

= 1

max 134 °C

Obturator for diagnostic inner sheaths for hysteroscope Ø 4 mm, for 20862-007, 20862-008



No. 20862-010

= 1

max 134 °C

Sheath for hysteroscope Ø 2.9 mm, 0°, working length 270 mm

No. 20862-065

= 1

max 134 °C

Sheath for hysteroscope Ø 2.9 mm, 30°, working length 270 mm

No. 20862-066

= 1

max 134 °C

Hysteroscopes


Diagnostic sheath

Inner sheath for hysteroscope, Ø 2.9 mm, 0°, working length 260 mm



No. 20862-067

 = 1


 max 134 °C

Inner sheath for hysteroscope, Ø 2.9 mm, 30°, working length 260 mm



No. 20862-068

 = 1


 max 134 °C

Outer sheath for hysteroscope, Ø 2.9 mm, 0° and 30°, working length 240 mm



No. 20862-069


 = 1

 max 134 °C

Obturator for inner sheath for hysteroscope Ø 2.9 mm

No. 20862-070

 = 1

 max 134 °C

Hysteroscopes

Operating sheath

Sheath for hysteroscope with working channel, Ø 4 mm, 0°, working length 200 mm



No. 20862-011

= 1

max 134 °C

Sheath for hysteroscope with working channel, Ø 4 mm, 30°, working length 200 mm



No. 20862-012

= 1

max 134 °C

Outer sheath for hysteroscope, Ø 4 mm, 30°, working length 192 mm

No. 20862-013

= 1

max 134 °C

Inner sheath for hysteroscope with instrument channel, Ø 4 mm, 30°

No. 20862-014

= 1

max 134 °C

Inner sheath for hysteroscope with working channel, Ø 2.9 mm



No. 20862-034

= 1

max 134 °C

Outer sheath for hysteroscope, Ø 2.9 mm, 30°, working length 192 mm



No. 20862-071

= 1

max 134 °C

Inner sheath for hysteroscope with working channel, Ø 2.9 mm, 30°



No. 20862-072

= 1

max 134 °C

Cystoscopes

Cystoscope/Urethroscope

Sheath for cysto/urethroscope, 17 CH



No. 20864-004

= 1

max 134 °C

Obturator for cysto/urethroscope, 17 CH



No. 20864-009

= 1

max 134 °C

Visual obturator for cysto/urethroscope, 17 CH



No. 20864-019

= 1

max 134 °C

Sheath for cysto/urethroscope, 19 CH



No. 20864-005

= 1

max 134 °C

Obturator for cysto/urethroscope, 19 CH



No. 20864-010

= 1

max 134 °C

Visual obturator for cysto/urethroscope, 19 CH



No. 20864-020

= 1

max 134 °C


Cystoscopes

Cystoscope/Urethroscope

Sheath for cysto/urethroscope, 21 CH

No. 20864-006


 = 1

 max 134 °C

Obturator for cysto/urethroscope, 21 CH

No. 20864-011

 = 1


 max 134 °C

Visual obturator for cysto/urethroscope, 21 CH



No. 20864-021

 = 1


 max 134 °C

Sheath for cysto/urethroscope, 23 CH

No. 20864-007




 = 1

 max 134 °C

Obturator for cysto/urethroscope, 23 CH

No. 20864-012

 = 1


 max 134 °C

Visual obturator for cysto/urethroscope, 23 CH



No. 20864-022

 = 1

 max 134 °C

Cystoscopes

Cystoscope/Urethroscope

Sheath for cysto/urethroscope, 25 CH



No. 20864-008

= 1

max 134 °C

Obturator for cysto/urethroscope, 25 CH



No. 20864-013

= 1

max 134 °C

Visual obturator for cysto/urethroscope, 25 CH



No. 20864-023

= 1

max 134 °C

Telescope bridge for cysto/urethroscope sheath with one working channel



No. 20864-014

= 1

max 134 °C

Telescope bridge for cysto/urethroscope sheath with two working channels



No. 20864-015

= 1

max 134 °C

Cystoscopes

Albarran working elements

Working element with Albarran deflector with one working channel



No. 20864-016

= 1

max 134 °C

Working element with Albarran deflector with two working channels

No. 20864-017

= 1

max 134 °C

Protection rod for Albarran working elements

No. 20864-018

= 1

max 134 °C

Cystoscopes


Optical instruments

Optical biopsy spoon forceps, Ø 4 mm, 0°/12°/30°



No. 20864-024

 = 1


 max 134 °C

Optical grasping forceps, Ø 4 mm, 0°/12°



No. 20864-025

 = 1


 max 134 °C

Optical biopsy punch, Ø 4 mm, 0°/12°



No. 20864-026

 = 1


 max 134 °C

Optical hook scissors, Ø 4 mm, 0°/12°



No. 20864-027

 = 1


 max 134 °C

Optical biopsy grasping forceps, Ø 4 mm, 12°/30°



No. 20864-028

 = 1

 max 134 °C


Cystoscopes

Optical instruments

Optical stone crushing forceps, Ø 4 mm, 12°/30°

No. 20864-030

 = 1


 max 134 °C

Bladder stone lithotripter, Ø 4 mm, 70°



No. 20864-032

 = 1

 max 134 °C


Mauermayer optical punch

Mauermayer working element, Ø 4 mm, 12°/30°



No. 20864-033

 = 1


 max 134 °C

Sheath with central valve for Mauermayer working element



No. 20864-034

 = 1


 max 134 °C

Obturator for Mauermayer sheath



No. 20864-035

 = 1

 max 134 °C


Cystoscopes

Mauermayer optical punch

Telescope bridge for Mauermayer sheath

No. 20864-036


 = 1

 max 134 °C

Sheath without central valve for Mauermayer working element

No. 20864-037

 = 1

 max 134 °C


Urethrotome

Urethrotome sheath, 21 CH, for catheters



No. 20864-048

 = 1


 max 134 °C

Hollow obturator for guiding catheter, 5 CH



No. 20864-049

 = 1


 max 134 °C

Guide tube for balloon catheter



No. 20864-050

 = 1


 max 134 °C

Telescope bridge for urethrotome sheath with working channel



No. 20864-051

 = 1

 max 134 °C

Cystoscopes

Urethrotome

Urethrotome cold knife, straight



No. 20864-052

= 5

max 134 °C

Urethrotome cold knife, half round



No. 20864-053

= 5

max 134 °C

Urethrotome cold knife, straight-serrated



No. 20864-054

= 5

max 134 °C

Urethrotome cold knife, hook shaped



No. 20864-055

= 5

max 134 °C

Accessories

Adapter for inner sheath for resectoscope, for use with optical instruments



No. 20864-029

= 1

max 134 °C

Adapter for outer sheath for resectoscope, for use with stone crushing forceps and lithotripter



No. 20864-031

= 1

max 134 °C


Laparoscopic instruments

Veress needles

Veress insufflation needle, working length 120 mm

No. 20860-067


 = 1

 max 137 °C

Veress insufflation needle, working length 150 mm

No. 20860-068

 = 1


 max 137 °C

Needle holders

TC Endo needle holder, axial, straight, Ø 5 mm, working length 330 mm

No. 20860-080


 = 1

 max 137 °C

TC Endo needle holder, axial, right curved, Ø 5 mm, working length 330 mm

No. 20860-081


 = 1

 max 137 °C

TC Endo needle holder, axial, left curved, Ø 5 mm, working length 330 mm

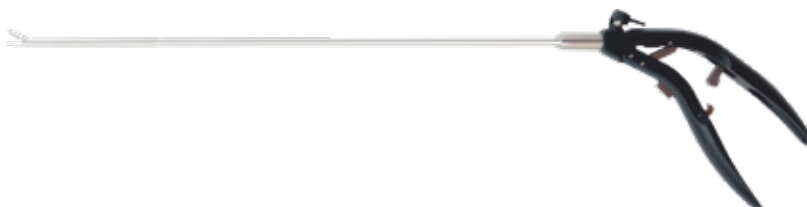
No. 20860-082

 = 1


 max 137 °C

TC Endo needle holder, pistol, straight, Ø 5 mm, working length 330 mm

No. 20860-083



 = 1

 max 137 °C

Laparoscopic instruments

Needle holders

TC Endo needle holder, pistol, left curved, Ø 5 mm, working length 330 mm

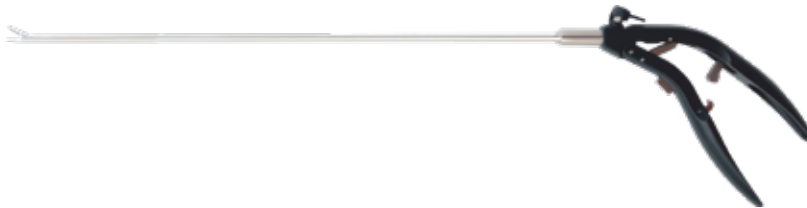


No. 20860-084

= 1

max 137 °C

TC Endo needle holder, gun, right curved, Ø 5 mm, working length 330 mm



No. 20860-085

= 1

max 137 °C

Flexible bipolar electrodes

Ball electrode, bipolar, for 5CH working channel, working length 360 mm



No. 20862-015

= 1

max 134 °C

Needle electrode, bipolar, for 5CH working channel, working length 360 mm



No. 20862-016

= 1

max 134 °C

Needle electrode, bipolar, curved, for 5CH working channel, working length 360 mm



No. 20862-017

= 1

max 134 °C

Laparoscopic instruments

Monopolar electrodes

Spatula electrode, Ø 5 mm, monopolar, working length 330 mm

No. 20860-088



= 1

5 kVp

max 137 °C

Ball electrode, Ø 5 mm, monopolar, working length 330 mm



No. 20860-089



= 1

5 kVp

max 137 °C

Hook electrode „J“, monopolar, Ø 5 mm, working length 330 mm

No. 20860-090



= 1

5 kVp

max 137 °C

Hook electrode „L“, monopolar, Ø 5 mm, working length 330 mm

No. 20860-091



= 1

5 kVp

max 137 °C

Needle electrode, monopolar, Ø 5 mm, working length 330 mm

No. 20860-092



= 1

5 kVp

max 137 °C

Hook electrode „J“, monopolar, Ø 2.8 mm, working length 250 mm

No. 20860-095



= 1

5 kVp

max 137 °C

Laparoscopic instruments

Monopolar electrodes

Hook electrode „L“, monopolar, Ø 2.8 mm, working length 250 mm

No. 20860-096



= 1

5 kVp

max 137 °C

Needle electrode, monopolar, Ø 2.8 mm, working length 250 mm

No. 20860-097



= 1

5 kVp

max 137 °C

Suction irrigation

Suction-irrigation handle, Ø 5 mm, with two trumpet valves



No. 20860-069



= 1

max 137 °C

Suction-irrigation handle, Ø 5 mm, with two trumpet valves



No. 20860-071



= 1

max 137 °C

Suction tube, Ø 5 mm, 4 holes, working length 330 mm



No. 20860-072



= 1

max 137 °C

Suction tube, Ø 5 mm, 16 holes, working length 327.5 mm



No. 20860-073



= 1

max 137 °C

Laparoscopic instruments

Suction irrigation

Suction tube, Ø 10 mm, 32 holes, working length 330 mm



No. 20860-074

= 1

max 137 °C

Suction tube, Ø 5 mm, 48 holes, working length 330 mm



No. 20860-075

= 1

max 137 °C

Suction tube, Ø 5 mm, 48 -hole, working length 500 mm



No. 20860-076

= 1

max 137 °C

Suction tube, puncture needle, Ø 5 mm, 48 holes, working length 330 mm



No. 20860-077

= 1

max 137 °C

Suction/irrigation tube Ø 3 mm, 4 holes, working length 340 mm

No. 20860-078

= 1

max 137 °C

Suction/irrigation tube Ø 5 mm, 4 holes, working length 340 mm

No. 20860-079

= 1

max 137 °C

Suction-irrigation pistol handle with 2 way valves



No. 20860-018

= 1



max 137 °C

Laparoscopic instruments

Trocars

Trocar sleeve, automatic





No.	
 = 1	
	 max 137 °C

Trocar sleeves, automatic

	ø in mm	No.
Trocar sleeve, Ø 5 mm, automatic, working length 92 mm	5.0	20860-019
Trocar sleeve, Ø 5.5 mm, automatic, working length 95 mm	5.5	20860-020
Trocar sleeve, Ø 10 mm, automatic, working length 97 mm	10	20860-022
Trocar sleeve, Ø 11 mm, automatic, working length 101 mm	11	20860-023
Trocar sleeve, Ø 12.5 mm, automatic, working length 98 mm	12.5	20860-024

Trocar sleeve, multi functional

No.	
 = 1	
	 max 137 °C

Trocar sleeves, multi functional



	ø in mm	No.
Trocar sleeve, Ø 3.5 mm, multi functional, working length 70 mm	3.5	20860-025
Trocar sleeve, Ø 5 mm, multi functional, working length 92 mm	5.0	20860-026
Trocar sleeve, Ø 5.5 mm, multi functional, working length 95 mm	5.5	20860-027
Trocar sleeve, Ø 10 mm, multi functional, working length 97 mm	10	20860-029
Trocar sleeve, Ø 11 mm, multi functional, working length 101 mm	11	20860-030
Trocar sleeve, Ø 12.5 mm, multi functional, working length 98 mm	12.5	20860-031
Bariatric trocar sleeve multiple function, Ø 11mm, WL 130mm	11	20860-047

Laparoscopic instruments

Trocars

Trocar obturator, pyramidal





No.	
 = 1	
	 max 137 °C

Trocar obturator, pyramidal	ø in mm	No.
Trocar obturator, Ø 3.5 mm, pyramidal	3.5	20860-032
Trocar obturator, Ø 5 mm, pyramidal	5.0	20860-033
Trocar obturator, Ø 5.5 mm, pyramidal	5.5	20860-034
Trocar obturator, Ø 10 mm, pyramidal	10	20860-036
Trocar obturator, Ø 11 mm, pyramidal	11	20860-037
Trocar obturator, Ø 12.5 mm, pyramidal	12.5	20860-038
Bariatric trocar obturator, pyramidal, Ø 11 mm	11	20860-049

Trocar obturator, conical





No.	
 = 1	
	 max 137 °C

Trocar obturator, conical	ø in mm	No.
Trocar obturator, Ø 3.5 mm, conical	3.5	20860-039
Trocar obturator, Ø 5 mm, conical	5.0	20860-040
Trocar obturator, Ø 5.5 mm, conical	5.5	20860-041
Trocar obturator, Ø 10 mm, conical	10	20860-043
Trocar obturator, Ø 11 mm, conical	11	20860-044
Trocar obturator, Ø 12.5 mm, conical	12.5	20860-045

Laparoscopic instruments

Accessories

Laparoscopic accessories		Piece	No.
	Reducer for trocars, Ø 10 mm and Ø 11 mm to Ø 5.5 mm	1	20860-052
	Reducer for trocars, Ø 12.5 mm to Ø 5.5 mm	1	20860-053
	Reducer for trocars, Ø 12.5 mm to Ø 10 mm	1	20860-054
 Outer Inner	Outer washer for Trocar, Ø 10 mm and Ø 11 mm	10	20860-055
	Inner washer for Trocar, Ø 10, Ø 11, Ø 12.5 and Ø 13 mm	10	20860-056
	Outer washer for Trocar, Ø 5 mm, Ø 5.5 mm and Ø 6 mm	10	20860-058
	Inner washer for Trocar, Ø 5 mm, Ø 5.5 mm and Ø 6 mm	10	20860-059
	Outer washer for Trocar, Ø 12.5 mm	10	20860-061
	O-ring for multiple function, Ø 5 mm, Ø 5.5 mm and Ø 6 mm	10	20860-063
	O-ring for automatic trocars, Ø 5 mm, Ø 5.5 mm and Ø 6 mm	10	20860-064
	O-ring for multiple function, Ø 10 mm, Ø 11 mm and Ø 12.5 mm	10	20860-065
	O-ring for automatic trocars, Ø 10 mm, Ø 11 mm and Ø 12.5 mm	10	20860-066

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