

RZ TROLLEY

- Optional doors and rear panel in order to protect valuable equipment
- Optional main on/off switch
- Power columns for cables
- Endoscope Holder
- Variable height support arms
- Conductive rolls

DIMENSIONS

1600 x 500 x 625mm
Rollers: Ø 125mm

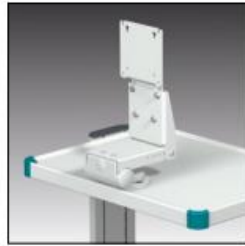


LAPAROSCOPY

Trolley



300-001-988
Hydraulic monitor holding, 660mm



300-001-989
Monitor Shelf with adjustable monitor holding VESA 75/100 up to 14kg



300-001-986
Keyboard Holder



300-001-990
Camera Head Holder with cable suspension



300-001-980 3/5/10 L
300-001-982 20/50 L
CO₂ Bottle Holder



300-001-979
Camera Holder



300-001-978
Cable Holder



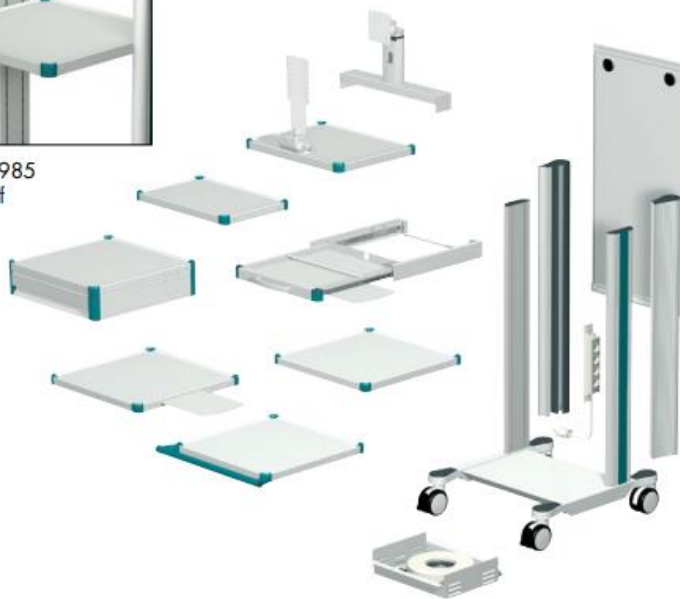
300-001-991
Computer Holder, load capacity max. 20kg



300-001-983
Rear Panel



300-001-985
Additional Shelf





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 (SST) 1 x DVI (single link), 2 x DVI (dual link) 4 x SDI (3G), 2 x SDI (12G)
Video Outputs	1 x DVI (single link), 1 x DP 1.2 (SST) 4 x SDI (3G), 2x SDI (12G)
Weight	37.35kg



300-001-028
Monitor Table Stand

Technical data

Column height	305mm, 12"
Oriantations	Landscape or page mode
Adjustments	+/- 20°
Max. load	31" / 13.6kg / 30lbs

All monitors will be delivered without table stand - need to be ordered separately.

4K CAMERA SYSTEM



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

4K

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

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)

DELIVERY CONTAINS:

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

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

LED LIGHT SOURCE



Features:

- 6500K daylight color temperature
- 375 Watt equivalent output power
- > 20.000 hours lifetime
- Turret connector for the most common light cables (Olympus, Wolf, Gyus 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



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

DELIVERY CONTAINS:

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



Turret, multi connector

A OLYMPUS

B WOLF

C GYRUS ACMI

D STORZ



Features:

- Open window calibration of shaver blades
- 9 oscillation modes
- Forward / Backward 500 - 8000rpm
- Controlled by handpiece or by footswitch
- Fully autoclavable, small and ergonomic handpiece
- Dedicated shaver blades



227-001-110 Stunner Shaver Unit

DELIVERY CONTAINS (complete Set 227-001-110):

- Main Unit (227-001-101)
- Handpiece, without blade (227-001-102)
- Footswitch (227-001-103)
- Mains Cable

Technical data STUNNER CONTROL UNIT S

Line voltage	100-240 VAC
Power consumption	20 - 35VA
Speed range	FWD, REV: 500 - 8000 RPM (+/- 10%) OSC: 500 - 3500 RPM (+/- 10%)
Oscillation modes	9
Dimensions	380 x 360 x 125 (WxDxH)
Weight	7.62kg

Technical data STUNNER HANDPIECE

Buttons	ON/OFF, window calibration, direction change (FWD, OSC, REV) change of oscillation modes
Dimensions	164mm, 3m cable length
Weight	350g

Technical data STUNNER FOOTSWITCH

Functions	Speed Up, Speed Down, START/STOP, Window Size, Direction (FWD, OSC, REV)
Dimensions	280 x 215 x 28(WxDxH), 3.2m cable length

Accessories (included)

Stunner Hand Piece
227-001-102



Stunner Footswitch
227-001-103





Features:

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

225-906-000 Basic Irrigation Pump P1

Technical data

Line voltage	100-240 VAC
Power input	80VA
Irrigation power	0 - 1.0L/min
Pressure range	10 - 150mmHG
Measurements	380 x 130 x 400mm (WxHxD)
Weight	approx. 11kg

DELIVERY CONTAINS:

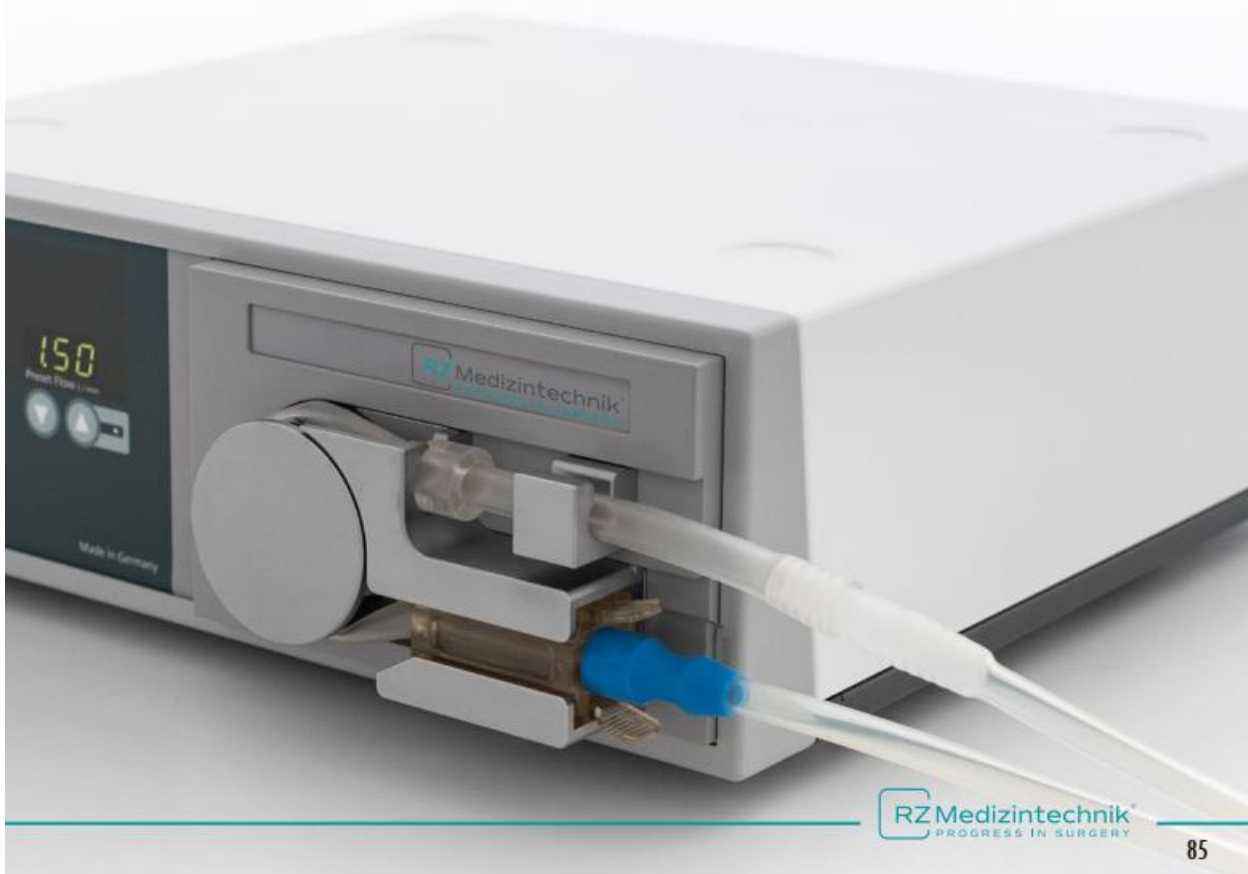
- Pump device
- Tubing set (253-910-001)
- Mains cable
- 2 Spare fuses
- Operating manual





Accessories

225-910-001	Irrigation Tubing Set, silicone, autoclavable	non-sterile	included
225-910-002	Irrigation Tubing Set, PVC, 20 pieces, daily tube	sterile	optional
225-910-003	Patient tube, PVC, 2.5m, 40 pieces	sterile	optional



ARTHRO/URO/HYS Pump P1

225-906-000 for Arthroscopy
253-910-000 for Urology
351-100-200 for Hysteroscopy

Features:

- Irrigation Pump for different indications
- Pump leveling adjustment
- Pressure controlled roller pump



ARTH HYS URO

DELIVERY CONTAINS:

- Pump device (225-906-000/253-910-000/351-100-200)
- Tubing set (225-910-001)
- Mains cable
- 2 Spare fuses
- Operating manual

Technical data

Line voltage	100-240 VAC
Power input	80VA
Irrigation power	Arthroscopy: 0 - 1.5L/min Urology: 0 - 1.0L/min Hysteroscopy: 0 - 0.5L/min
Pressure range	Arthroscopy: 10 - 150mmHg Urology: 10 - 150mmHg Hysteroscopy: 10 - 200mmHg
Measurements	380 x 130 x 400mm (WxHxD)
Weight	approx. 11kg

Accessories (Arthroscopy)

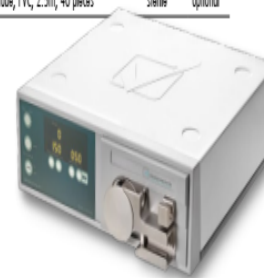
225-910-001	Irrigation Tubing Set, silicone, autoclavable	non-sterile	included
225-910-002	Irrigation Tubing Set, PVC, 20 pieces, daily tube	sterile	optional
225-910-003	Patient tube, PVC, 2.5m, 40 pieces	sterile	optional

Accessories (Urology)

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

Accessories (Hysteroscopy)

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



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LAP Suction and Irrigation Pump P1000

300-000-100

Features:

- Dual suction and irrigation vacuum pump
- Digital display of suction and irrigation pressures
- High rates up to 3L/min
- Color coded tubing sets
- Standby function
- Low noise level
- Hydrophobic disposable filters



LAP

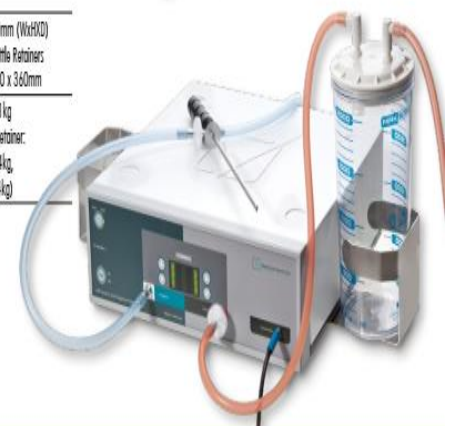
DELIVERY CONTAINS:

- Pump device (300-000-100)
- Suction and irrigation tubing set (300-000-102)
- Aspiration bottle 2L with overflow valve (300-000-101)
- Puncture tube 235mm (300-001-521)
- 2 Hydrophobic disposable sterile filters (300-000-103)
- 2 Bottle Holders with screws
- Mains cable
- 2 Spare fuses
- Operating Manual

Technical data

Line voltage	100-240 VAC
Power input	80VA
Irrigation power	3L/min
Suction power	3L/min
Max. vacuum	-525mmHg
Max. pressure	0 - 750mmHg
Measurements	380 x 120 x 360mm (WxHxD) with Aspiration Bottle Retainers approx. 440 x 120 x 360mm
Weight	Device: approx. 11kg Aspiration Bottle-Retainer: (for 1 Liter = 0.34kg, for 2 Liter = 0.44kg)

Optional available:



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SUCTION & IRRIGATION



Electrosurgical Generator G44

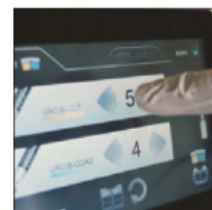
- Intelligent Instrument detection system
- Intuitive Touchscreen
- Automatic power regulation
- Configurable working modes
- Real-time parameter control
- Special endoscopic modes
- Bipolar resection
- Easy software update



7" Touchscreen



Real-time parameter control



Instrument detecting sockets



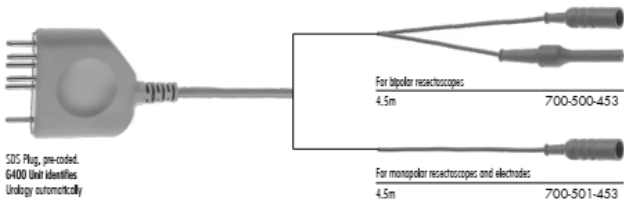
700-340-400	Electrosurgical Generator G44, 230V (for Urology / Hysteroscopy)
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700-340-410	Electrosurgical Generator G44, 110V (for Urology / Hysteroscopy)
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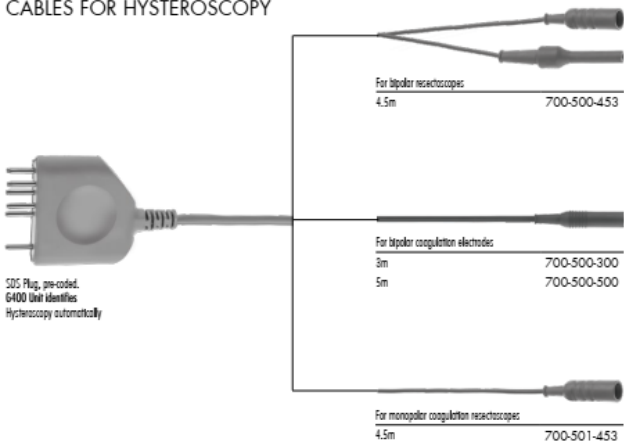
700-340-430	Electrosurgical Generator G44, 230V (for Arthroscopy)
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700-340-420	Electrosurgical Generator G44, 110V (for Arthroscopy)
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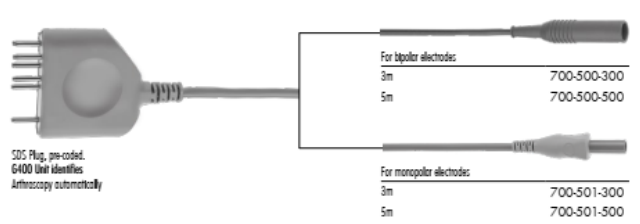
CALES FOR UROLOGY



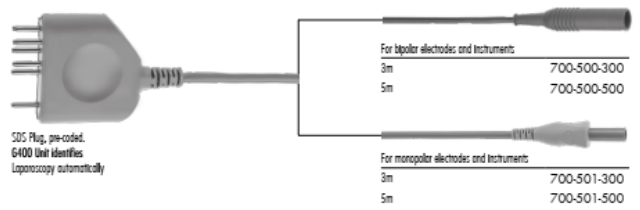
CABLES FOR HYSTEROSCOPY



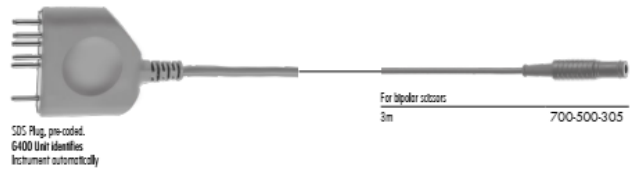
CABLES FOR ARTHROSCOPY



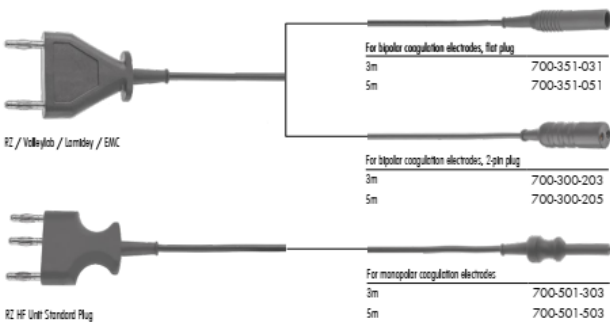
CABLES FOR LAPAROSCOPY



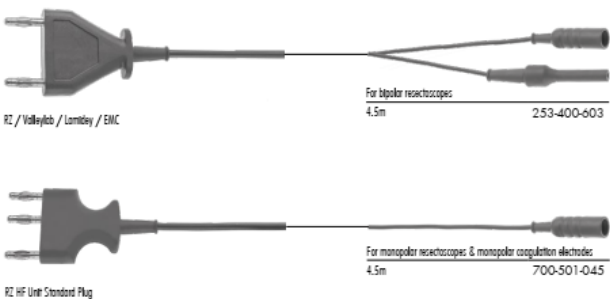
CABLES FOR BIPOLAR SCISSORS



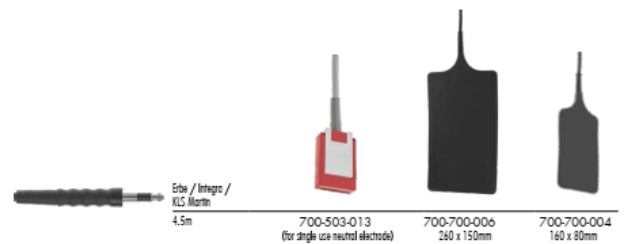
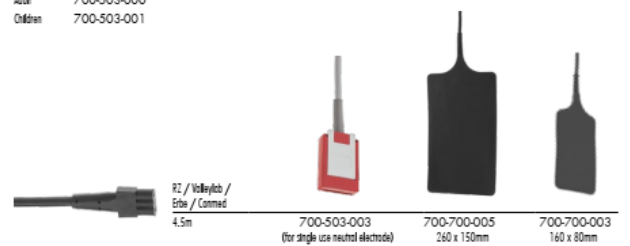
CABLES FOR LAPAROSCOPY / ENT / ARTHROSCOPY UROLOGY & HYSTEROSCOPY



CABLES FOR UROLOGY & HYSTEROSCOPY



NEUTRAL ELECTRODES & CABLES



MONOPOLAR ELECTRODES

reusable, autoclavable, insulated, 115mm working length



4.0mm plug



2.4mm plug



Needle Electrode, tip 90° angled, 1.5mm x Ø 0.6mm

225-700-001

225-710-001



Needle Electrode, tip 90° angled, 4.0mm x Ø 0.6mm

225-700-002

225-710-002



Knife Electrode, 45° angled, cranked

225-700-003

225-710-003



Palpation Electrode, tip 90° angled, 4.0mm x Ø 1.5mm

225-700-005

225-710-005



Ball Electrode, Ø 3.0mm

225-700-006

225-710-006



Hollow Ball Electrode

225-700-007

225-710-007



Brush Electrode

225-700-008

225-710-008



Brush Electrode

225-700-009

225-710-009



Handle with 2 buttons with firm 4m cable
 700-214-040 Ø 4.0mm electrodes
 700-214-024 Ø 2.4mm electrodes



9 oscillation modes



OSD Control



Overload protection



Arthroscopy Shaver System STUNNER S1

- Open window calibration of shaver blades
- 9 oscillation modes
- Controlled by buttons on the handpiece or by footswitch
- Fully autoclavable, small and ergonomic handpiece
- Dedicated shaver blades

STUNNER S1 Unit, complete with Hand Piece and Footswitch	
110-230V	227-001-110
Control Unit	227-001-101
Hand Piece	227-001-102
Footswitch	227-001-103

2-Button control on handpiece



STUNNER S1 UNIT

Power Supply	100-240 VAC, 50/60 Hz
Power consumption	30-35 W
Ambient temperature	during operation: +10 °C to +40 °C during storage and transport: -20°C to +45°C
Max. relative humidity	during operation: 70 % during storage and transport: 20%
Class of protection	Class I
CE Standard	EN 60601-1:2006+A1:2013; EN 60601-1-2:2015
Weight	7.60kg
External dimensions	348mm x 388mm x 125mm (DxHxT)



HANDPIECE

Speed range	FWD, REV: 500 - 8000 RPM (+/- 10%) OSC: 500 - 3500 RPM (+/- 10%)
Oscillation Modes	9 modes
Buttons	ON/OFF, window calibration, direction change (FWD, OSC, REV) change of oscillation mode
Sterilization method	Steam sterilization 134 °C
Ambient Temperature	during operation: +10 °C to +40 °C during storage and transport: -20 °C to +45 °C
Max. relative humidity	during operation: 100% during storage and transport: 20%
Class of protection	sealed part - IP type
Cable length	3m
Length	164mm
Weight	350g

FOOTSWITCH

Functions	Speed Up, Speed Down, START/STOP, Window Size, Direction (FWD, OSC, REV)
Ambient Temperature	during operation: +10 °C to +40 °C during storage and transport: -20 °C to +45 °C
Max. relative humidity	during operation: 100% during storage and transport: 20%
Coating safety standard	IP X8
Cable length	3.2m
Weight	2.45kg
Dimensions	215 mm x 358 mm x 28 mm (DxHxT)



SHAVER BLADES



Full Radius, sterile, pack of 6 pcs.

2.9mm	227-004-029S
3.5mm	227-004-035S
4.5mm	227-004-045S
5.5mm	227-007-055S



Fast Cut, sterile, pack of 6 pcs.

2.9mm	227-006-029S
3.5mm	227-006-035S
4.5mm	227-006-045S
5.5mm	227-009-055S



Clean Cut, sterile, pack of 6 pcs.

2.9mm	227-005-029S
3.5mm	227-005-035S
4.5mm	227-005-045S
5.5mm	227-008-055S



Round Bevel, sterile, pack of 6 pcs.

4.5mm	227-007-045S
5.5mm	227-010-055S



Oval Bevel, sterile, pack of 6 pcs.

4.5mm	227-009-045S
5.5mm	227-012-055S



Super Cut, sterile, pack of 6 pcs.

3.5mm	227-013-035S
4.5mm	227-013-045S
5.5mm	227-013-055S

HIGH TEMPERATURE LED/XENON LIGHT CABLES



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.

ArthVIEW® 4K TELESCOPES

State-of-the-art Arthroscopes to achieve excellent image quality and finest details in Ultra High Definition.

4K



0° DIRECTION OF VIEW

175mm working length
225mm overall length 225-140-400



30° DIRECTION OF VIEW

175mm working length
225mm overall length 225-140-430

ArthVIEW® TELESCOPES, Ø 4.0mm

Full HD high definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems.

FULL HD

0° 30° 45° 70°



0° DIRECTION OF VIEW

175mm working length 225-140-000



30° DIRECTION OF VIEW

175mm working length 225-140-030



45° DIRECTION OF VIEW

175mm working length 225-140-045



70° DIRECTION OF VIEW

175mm working length 225-140-070

ArthFLOW® SHEATH SYSTEM

Color coded, 360° rotating system with telescope stabilizing, for use with Ø 4.0mm telescopes.



For 30°



Universal
0°/30°/45°/70°



Operating sheath with 2 stopcocks,

Ø 5.5mm, blue colour code

225-500-255 for 30°

225-500-355 for 0°/30°/45°/70°



225-500-555 Blunt Obturator for Operating sheath Ø 5.5mm, blue colour code



225-500-655 Sharp Trocar for Operating sheath Ø 5.5mm, blue colour code

ARTHROSCOPY

Knee



Traditional Duckbill Low profile jaw



DUCKBILL BASKET PUNCH

Multi-Purpose, low profile punches with a square bite and 3 different sizes

Small Duckbill (S)



2.5mm

Medium Duckbill (M)*



3.2mm

Large Duckbill (L)



4.5mm



RING HANDLE



PRO HANDLE

Straight (S)
Straight (M)
Straight (L)

225-800-101
225-800-102*
225-800-103

225-700-102

UpBiter (S)
UpBiter (M)
UpBiter (L)

225-800-104
225-800-105*
225-800-106

225-700-105

Upbiter (M) Left
Upbiter (M) Right

225-800-107
225-800-109

225-700-107
225-700-109

UpSwept (M)

225-800-111

*most common pattern

ARTHROSCOPY

Knee



Advanced Duckling Low profile jaw
Flat Upper jaw moves completely into the Lower jaw.



DUCKLING BASKET PUNCH

Multi-Purpose, low profile punches with a square bite and 2 different sizes.

Small Duckbill (S)



2.5mm

Medium Duckbill (M)*



3.5mm

Medium Duckbill (M)



RING HANDLE



PRO HANDLE

Straight (S)

225-800-401

Straight (M)

225-800-402*

225-700-402

UpBiter (S)

225-800-404

UpBiter (M)

225-800-405*

225-700-405

UpSwept (M)

225-800-411

Straight (M) Left

225-800-413

Straight (M) Right

225-800-415



Duckling Elevator -
with flat shovel for easy access



RING HANDLE



PRO HANDLE

Straight

225-800-420

225-700-420



ARTHROSCOPY

Knee



1.3mm bite

MENISCAL ELEVATOR BASKET PUNCH

The low profile extended lip of the lower jaw helps in placing the lower jaw underneath less-mobile menisci



RING HANDLE

Straight
UpBiter

225-800-902
225-800-905



1.7mm

BLUNT NOSE BASKET PUNCH

The Blunt Nose Basket Punch with square jaws enables a flush contouring of the meniscus



RING HANDLE

Straight

225-800-302



2.2mm

POSTERIOR PUNCH

Specially designed for the specific requirements of the posterior horn of the meniscus. The short and low profile jaw enables the surgeon working in the cramped confines of the posterior side of the knee.



RING HANDLE

Straight

225-800-602

UpBiter

225-800-605

UpSwept

225-800-611

Straight Left

225-800-613

Straight Right

225-800-615





BASKET PUNCHES

Basket Punches are the traditional style instruments with a classical punch shape and the parrot peak upper jaw for a safe capture of tissue



RING HANDLE

STRAIGHT

1.0mm
1.5mm
2.7mm
3.4mm

225-800-802
225-800-060
225-800-040
225-800-050

CURVED LEFT

Cut size

1.3mm
1.3mm

RING HANDLE

225-800-813
225-800-807 UpBiter

CURVED RIGHT

Cut size

1.3mm
1.3mm

RING HANDLE

225-800-815
225-800-809 UpBiter

UP BITER

Cut size

1.3mm
1.5mm

RING HANDLE

225-800-805
225-800-055

DOWN BITER

Cut size

1.3mm

RING HANDLE

225-800-806

UP SWEPT

Cut size

1.3mm
1.5mm

RING HANDLE

225-800-865
225-800-061





SIDE CUTTER

Left and Right Side Cutter Punches allow easy access to anterior meniscal tears. The special designed Pencil handle makes all Side Cutters „Rotator“ Punches.



PENCIL HANDLE



2.2mm Left
2.2mm Right

225-800-955
225-800-957

3.4mm Left
3.4mm Right

225-800-965
225-800-967

■ 2.2mm

■ 3.4mm



RING HANDLE



2.2mm Left
2.2mm Right

225-770-955
225-770-957

3.4mm Left
3.4mm Right

225-770-965
225-770-967

ARTHROSCOPY

Knee



2mm

BACKBITER

The RZ Backbiter Basket Punches enable an simple access to the anterior horn of the meniscus

Left
Right



RING HANDLE

225-800-707
225-800-709



PRO HANDLE

225-700-707
225-700-709



RING HANDLE

Straight

225-800-708



RONGEUR

Sharp Cups enable the surgeon to remove tissue and take biopsies

Straight



RING HANDLE

225-800-920



ARTHROSCOPY

Knee

RZ offers a wide selection of specific tip configurations to provide a maximum grasping capability and allow easy access to all areas of the meniscus. All RZ Graspers come with the infinite-position, SlideLock handle for easy and intuitive grasping. The Pro Handle comes without locking mechanism.



SHARK GRASPER

With blunt 1x2 teeth and serrated inner jaws

Straight



SLIDE LOCK RING HANDLE

225-800-820



PRO HANDLE

225-700-820



ALLIGATOR GRASPER

Short jaw with multiple serrations

Straight 2.7mm
UpSwept 2.7mm

Upbiter 2.7mm



SLIDE LOCK RING HANDLE

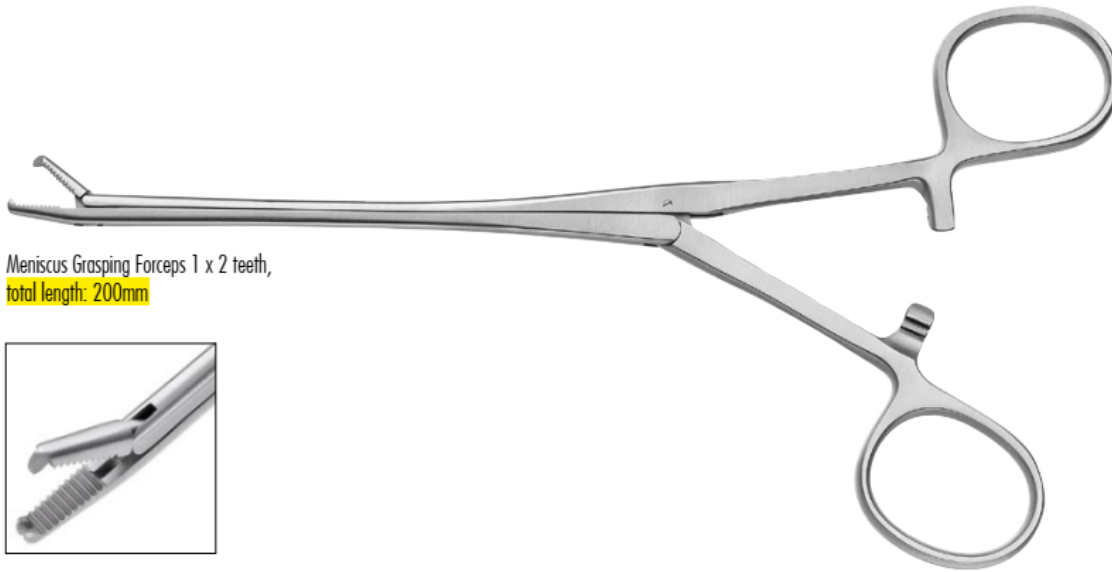
225-800-825
225-800-827



PRO HANDLE

225-700-825
225-700-827

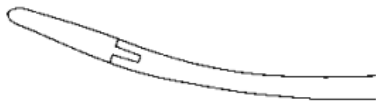




Meniscus Grasping Forceps 1 x 2 teeth,
total length: 200mm



225-360-000
straight



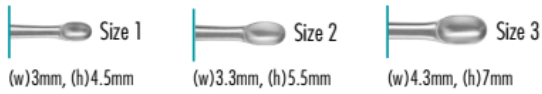
225-360-002
curved Right



225-360-001
curved Left

SPOONS

130mm working length



5° angled tip
 225-600-401 Size 1
 225-600-402 Size 2
 225-600-403 Size 3



25° angled tip
 225-600-411 Size 1
 225-600-412 Size 2
 225-600-413 Size 3

RASPS

130mm working length



Small Rasp
 225-600-610 straight tip, fine serration
 225-600-611 curved tip, fine serration
 225-600-612 straight tip, coarse serration
 225-600-613 curved tip, coarse serration



Large Rasp
 225-600-614 straight tip, fine serration
 225-600-615 curved tip, fine serration
 225-600-616 straight tip, coarse serration
 225-600-617 curved tip, coarse serration

HOOK PROBE

130mm working length



225-600-004 Hook Probe

MICRO FRACTURE CHONDRO PICKS

- Treatment of cartilage defects
- Special hardened stainless steel
- Carbon fibre handle with integrated impact protection



straight

225-600-200



25° angled tip

225-600-225



40° angled tip

225-600-240



60° angled tip

225-600-260



90° angled tip















225-600-290



225-600-300 Mallet for Chondro-Picks

HAND INSTRUMENTS, TRIANGULAR HANDLE



	Exploring Probe 3.5mm, 5mm graduated	225-400-002
	Exploring Probe 5.0mm, 5mm graduated	225-400-004
	3mm Spoon, angled tip	225-400-006
	Smilie Menisctome, 3mm wide, straight cutting edge	225-400-020
	Smilie Menisctotme, 5mm wide, straight cutting edge	225-400-022
	Smilie Menisctome 7mm wide, curved cutting edge	225-400-023
	Diamond Rasp 90° angled, meniscal tear refreshing	225-400-090
	Diamond Rasp 45° angled, meniscal tear refreshing	225-400-045
	Rosen Knife, toothed blade	225-400-025
	Scalpel Knife	225-400-034
	Banana Knife	225-400-029
	Hook Knife, reverse cutting	225-400-038
	Retrograde Knife, 45° angled blade	225-400-041
	Sickle Knife	225-400-043

SUTURE PASSER

Simultaneously one-handed passing and retrieving of suture

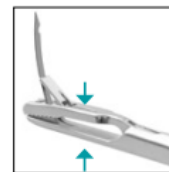
- Wide jaw opening and deep bite
- Minimal trauma at tissue penetration
- Reusable instrument and reliable construction



Automatic trap loop hold



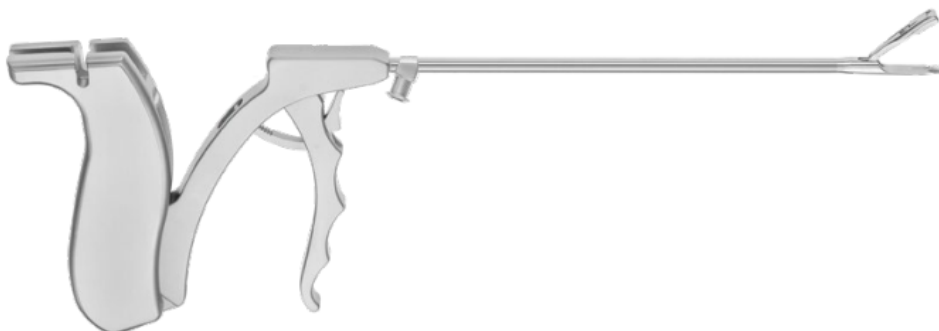
Strong grip with 4-finger trigger



Slim design



225-820-217 Suture Passer with trap door, frontal opening, without ratchet, 170mm working length



225-820-213 Suture Passer with trap door, frontal opening, with ratchet, 170mm working length



225-820-219 Needle with lateral opening, 0.3 x 240mm



225-225-225 Rotator Cuff Simulator (available on request)



225-259-000 Knot Pusher, single-hole, for sliding knots and half-stitches, modified distal tip for easy slipknots, 175mm



225-820-100 Suture Cutter, axial handle, \varnothing 4.2 mm, v-notch, left opened, 130 mm working length



225-820-101 Suture Cutter, ring handle, \varnothing 4.2 mm, v-notch, left opened, 130 mm working length



225-820-259 Fiber Retriever, straight, \varnothing 1.5mm pin 155mm working length



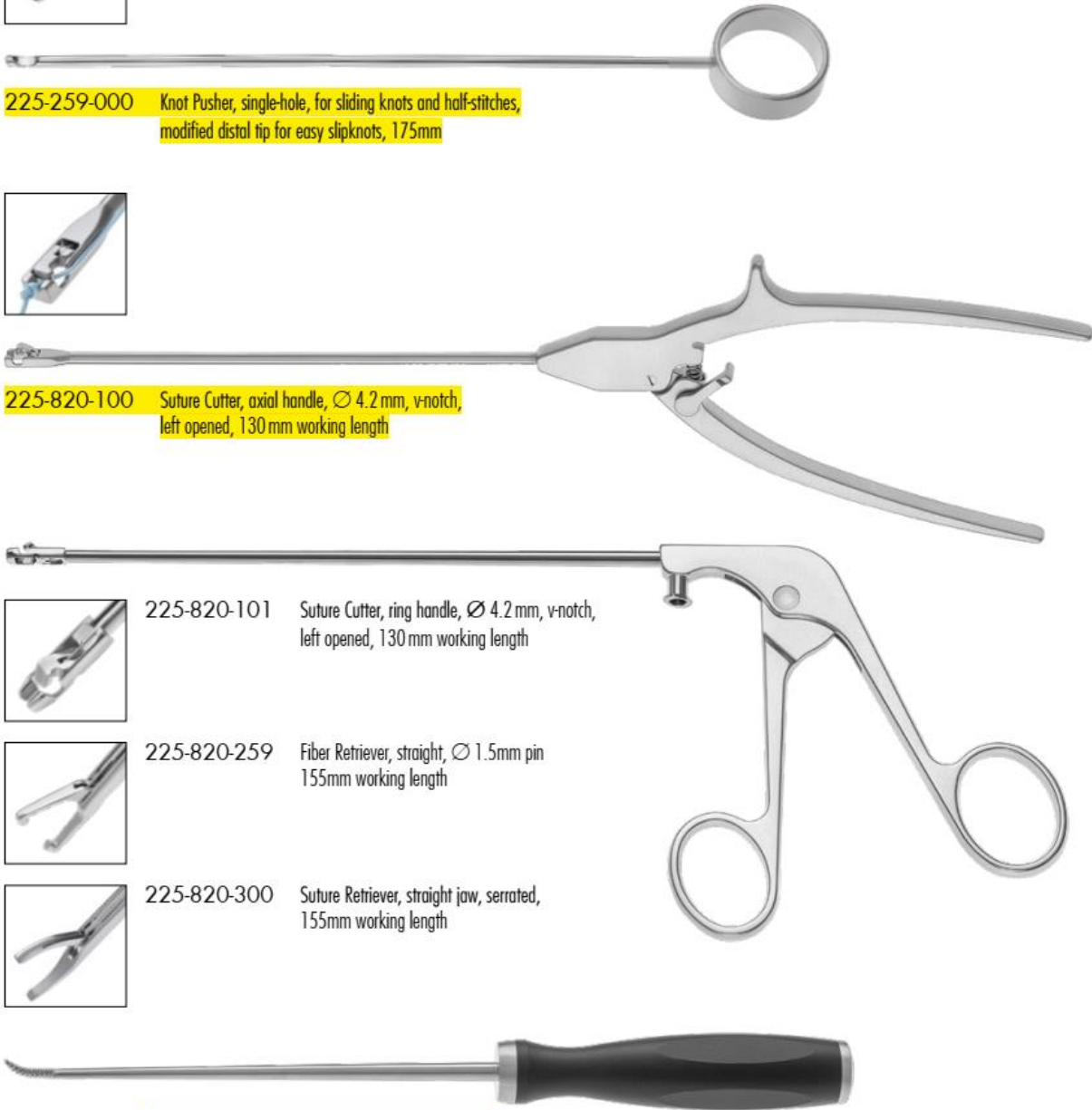
225-820-300 Suture Retriever, straight jaw, serrated, 155mm working length



225-600-630 Debridement Rasp, razor sharp, with PEEK handle



225-600-650 Tissue Elevator, precise, 15° angled, with PEEK handle



SUTURE INSTRUMENTS

For rotator and labral repair



Smart Hook



Left curved jaw

1 225-820-307

2 225-840-307



Right curved jaw

1 225-820-309

3 225-840-309

Sixer



Twisted left

1 225-820-306

2 225-840-306



Twisted right

1 225-820-308

3 225-840-308

Birdy



1

2



Straight jaw, upcurved shaft

1 225-820-400

2 225-840-400



20° upwards angled

1 225-820-402

2 225-840-402



40° upwards angled

1 225-820-404

2 225-840-404



45° right angled

1 225-820-406

2 225-840-406



45° left angled

1 225-820-408

2 225-840-408