



KNEE

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

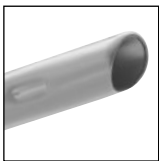
175mm working length 225-140-070

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°



Rotating Telescope
locking

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

For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, Ø 6.0mm, red colour code
225-500-260 for 30°
225-500-360 for 0°/30°/45°/70°



225-500-560 Blunt Obturator for HighFlow Operating sheath, Ø 6.0mm
red colour code

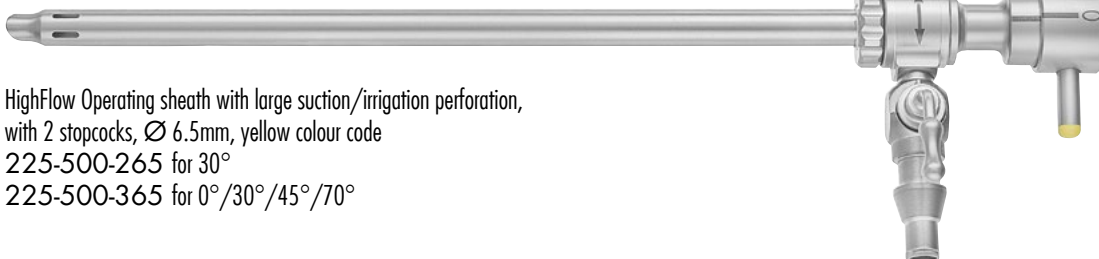


225-500-660 Sharp Trocar for HighFlow Operating sheath, Ø 6.0mm,
red colour code

For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with large suction/irrigation perforation,
with 2 stopcocks, Ø 6.5mm, yellow colour code
225-500-265 for 30°
225-500-365 for 0°/30°/45°/70°

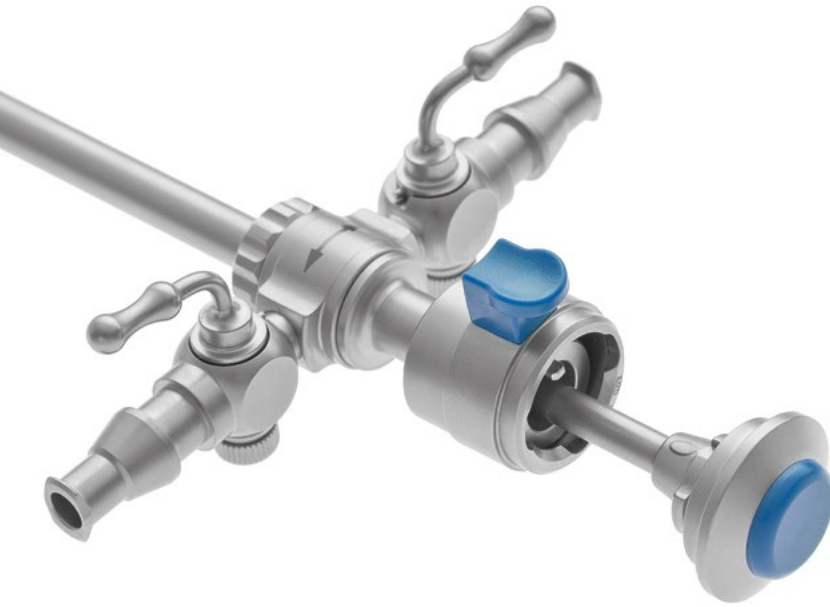


225-500-565 Blunt Obturator for HighFlow Operating sheath, Ø 6.5mm,
yellow colour code

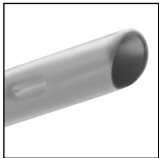


225-500-665 Sharp Trocar for HighFlow Operating sheath, Ø 6.5mm,
yellow colour code

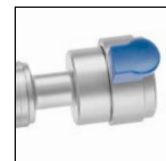
ArthFLOW® SHEATH SYSTEM WITH QUICK-LOCK



For 30°



Universal
0°/30°/45°/70°



Quick-lock Telescope
locking

Operating sheath with 2 stopcocks, Ø 5.5mm, blue colour code
225-550-255 for 30°
225-550-355 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

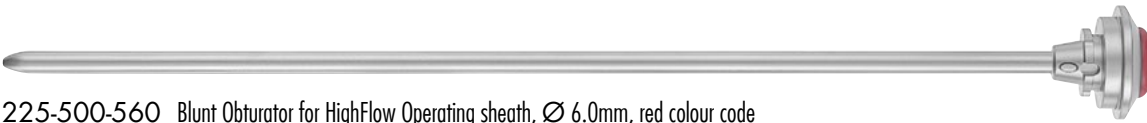
For 30°



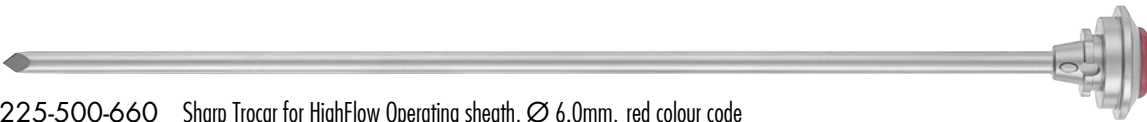
Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, Ø 6.0mm, red colour code
225-550-260 for 30°
225-550-360 for 0°/30°/45°/70°



225-500-560 Blunt Obturator for HighFlow Operating sheath, Ø 6.0mm, red colour code

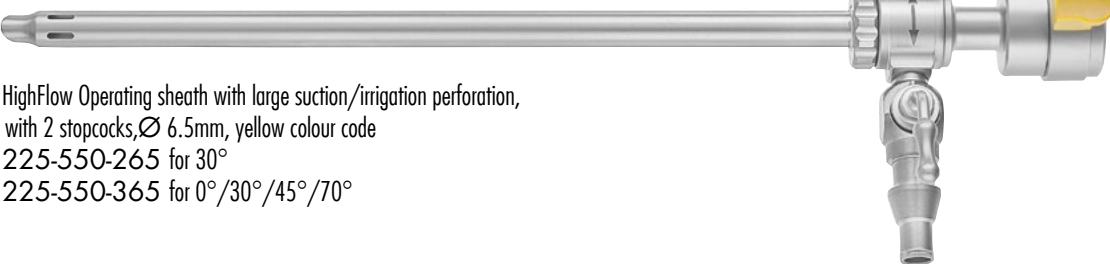


225-500-660 Sharp Trocar for HighFlow Operating sheath, Ø 6.0mm, red colour code

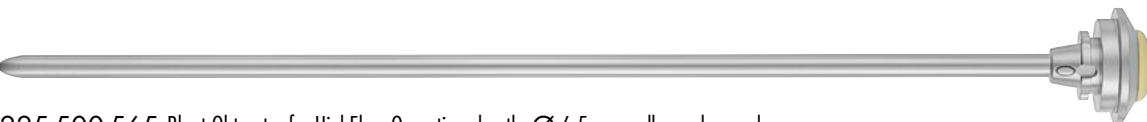
For 30°



Universal
0°/30°/45°/70°



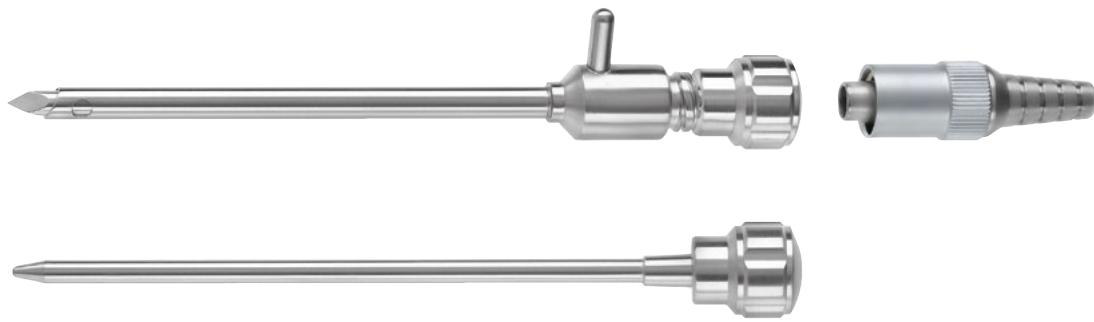
HighFlow Operating sheath with large suction/irrigation perforation,
with 2 stopcocks, Ø 6.5mm, yellow colour code
225-550-265 for 30°
225-550-365 for 0°/30°/45°/70°



225-500-565 Blunt Obturator for HighFlow Operating sheath, Ø 6.5mm, yellow colour code



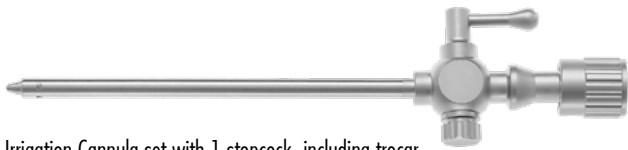
225-500-665 Sharp Trocar for HighFlow Operating sheath, Ø 6.5mm, yellow colour code



225-850-145
Inflow-Cannula 4.5mm, complete set with shaft, trocar with sharp tip,
blunt obturator and irrigation adaptor



ACCESSORIES FOR SUCTION- AND IRRIGATION SYSTEM



Irrigation Cannula set with 1 stopcock, including trocar and obturator, 70mm working length
 225-850-000 ∅ 2.3mm
 225-850-001 ∅ 3.5mm



300-011-181
 LuerLock tube connector 9mm



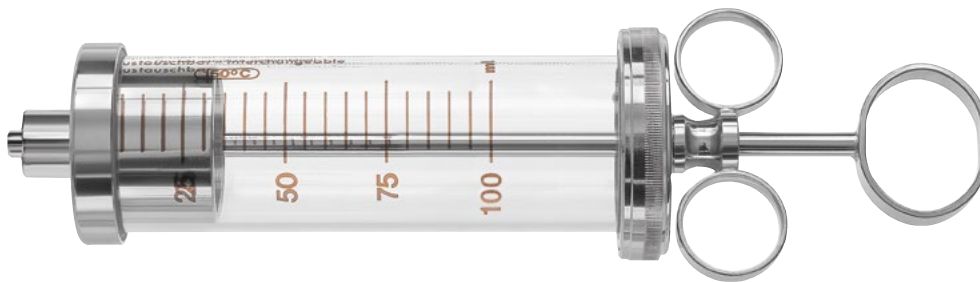
Obturator, blunt, 70mm working length
 225-850-002 ∅ 2.3mm
 225-850-004 ∅ 3.5mm



300-011-506
 LuerLock tube connector 6mm



Obturator, sharp, 70mm working length
 225-850-003 ∅ 2.3mm
 225-850-005 ∅ 3.5mm



225-852-000
 Irrigation syringe, 100ml



Guiding and changing rods for use with trocar sheath
 225-865-027 ∅ 2.7mm x 230mm
 225-865-030 ∅ 3.5mm x 230mm
 225-865-040 ∅ 4.0mm x 230mm

ArthVANCE® INSTRUMENTS

PRODUCT RANGE

The ArthVANCE® instruments include hand instruments with different jaws and handles for large and small joints.

TRUST

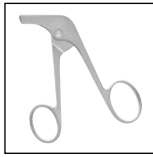
Reliability and quality of the instruments are based on 25 years of development and production experience - made in Germany.

VARIABILITY

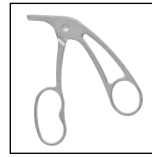
We offer the surgeon to choose between Scissors, Punches or Graspers in different handles and sizes.



Handle selection



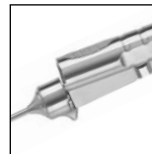
A RING HANDLE
for all Punches, Rongeurs
and different Graspers



C PRO HANDLE
special ergonomics for
Scissors and Graspers



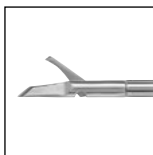
B RING HANDLE
with Slidlock – for a safe
grip for Graspers



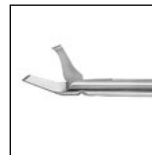
D CIGAR HANDLE
available for Scissors and
rotatable Punches



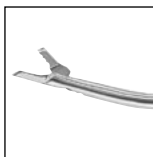
Shape selection



STRAIGHT
straight tip and shaft for direct access



CURVED UP
instrument tip allows extended access to posterior
meniscus



ANGLED UP
follows the shape of the condylar process
to maintain a parallel cutting surface to the
tibial plateau



**LEFT & RIGHT
CURVED AT THE SHAFT**
to reach the anterior and posterior meniscus



Note: all Instruments could be ordered
without LuerLock optionally.



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

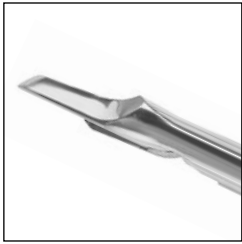
225-800-107
225-800-109

225-700-107
225-700-109

UpSwept (M)

225-800-111

*most common pattern



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)*

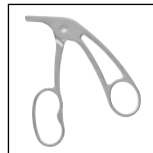


3.5mm

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



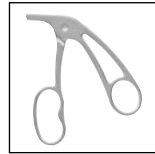
4.4mm

OVAL PUNCH

The Oval Punch offers the lowest profile and the largest bite size for end-on as well as lateral cutting – the All-rounder Punch

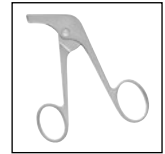


RING HANDLE



PRO HANDLE

„Halfmoon“ punch



RING HANDLE

Straight	225-800-202	225-700-202	Straight, left	225-800-120
UpBiter	225-800-205	225-700-205	Straight, right	225-800-121
UpSwept	225-800-211		Curved to the right	225-800-122
Straight Left	225-800-213		Curved to the left	225-800-123
Straight Right	225-800-215			



1.7mm

SLIMLINE BASKET PUNCH

The narrow shaft and compact jaw design allows access and use in tight spaces such as the posterior aspect of the knee.



RING HANDLE

Straight	225-800-002			
UpBiter	225-800-005			
UpBiter Left	225-800-007			
UpBiter Right	225-800-009			
UpSwept	225-800-011			
Jaw 45° Left	225-800-003			
Jaw 45° Right	225-800-004			





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
Straight Right

225-800-613
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



STRAIGHT

Cut size

1.0mm
1.5mm
2.7mm
3.4mm

RING HANDLE

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

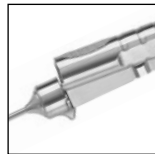
225-800-865
225-800-061





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



■ 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

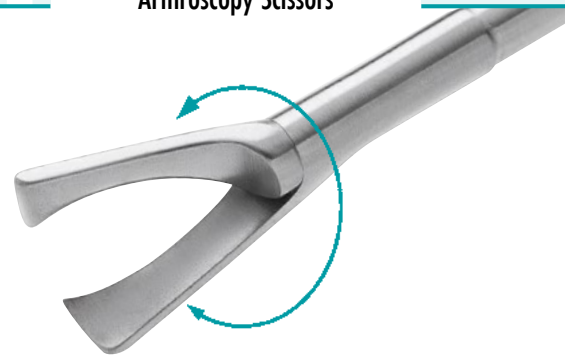
Straight



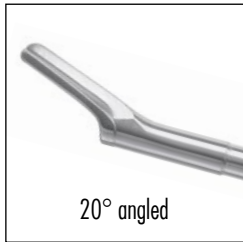
RING HANDLE

225-800-920





RZ offers a wide range of **ARTHVANCE**® scissors and scissor punches in different angles to enable the surgeon to effectively dissect any part of the meniscus from virtually any direction.



HOOK SCISSORS

20° angled Left
20° angled Right



PENCIL HANDLE

225-800-507
225-800-509



RING HANDLE

225-770-507
225-770-509



60° angled Left
60° angled Right



PENCIL HANDLE

225-800-517
225-800-519



RING HANDLE

225-770-517
225-770-519

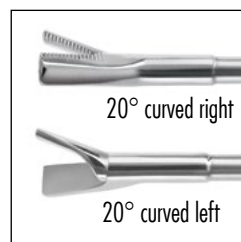


Left curved 20°
Right curved 20°



PENCIL HANDLE

225-800-527
225-800-529

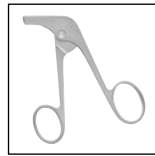




1mm

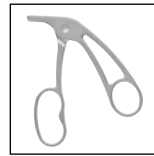
SCISSORS PUNCH

Straight
UpBiter
UpBiter Left
UpBiter Right



RING HANDLE

225-800-532
225-800-535
225-800-537
225-800-539



PRO HANDLE

225-700-532
225-700-535



HOOK SCISSORS

Straight
Left
Right

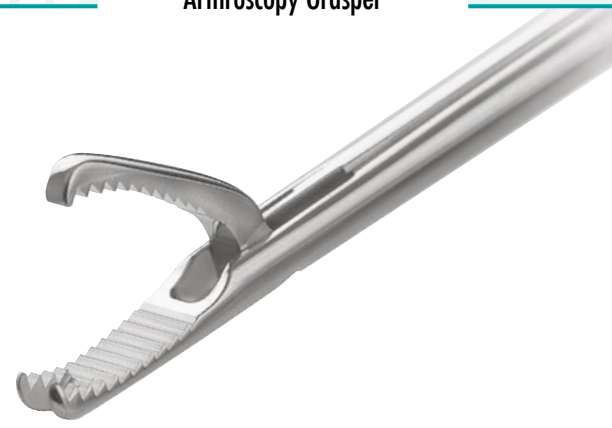


RING HANDLE

225-800-472
225-800-477
225-800-479



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

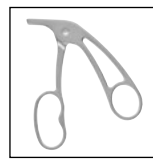
With blunt 1x2 teeth and serrated inner jaws

Straight



SLIDE LOCK RING HANDLE

225-800-820



PRO HANDLE

225-700-820



ALLIGATOR GRASPER

Short jaw with multiple serrations

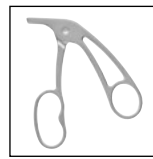
Straight 2.7mm
UpSwept 2.7mm

Upbiter 2.7mm



SLIDE LOCK RING HANDLE

225-800-825
225-800-827



PRO HANDLE

225-700-825
225-700-827





HEAVY ALLIGATOR GRASPER

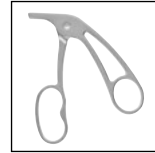
Long and heavy jaw with multiple serrations

Straight



SLIDE LOCK RING HANDLE

225-800-835



PRO HANDLE

225-700-835



CUPPED GRASPER

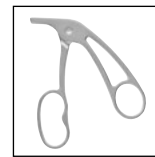
Cupped jaw with atraumatic serrations

3.3mm jaw
2.7mm jaw



SLIDE LOCK RING HANDLE

225-800-833
225-800-832



PRO HANDLE

225-700-833



ATRAUMA GRASPER

Cupped jaw with atraumatic serrations

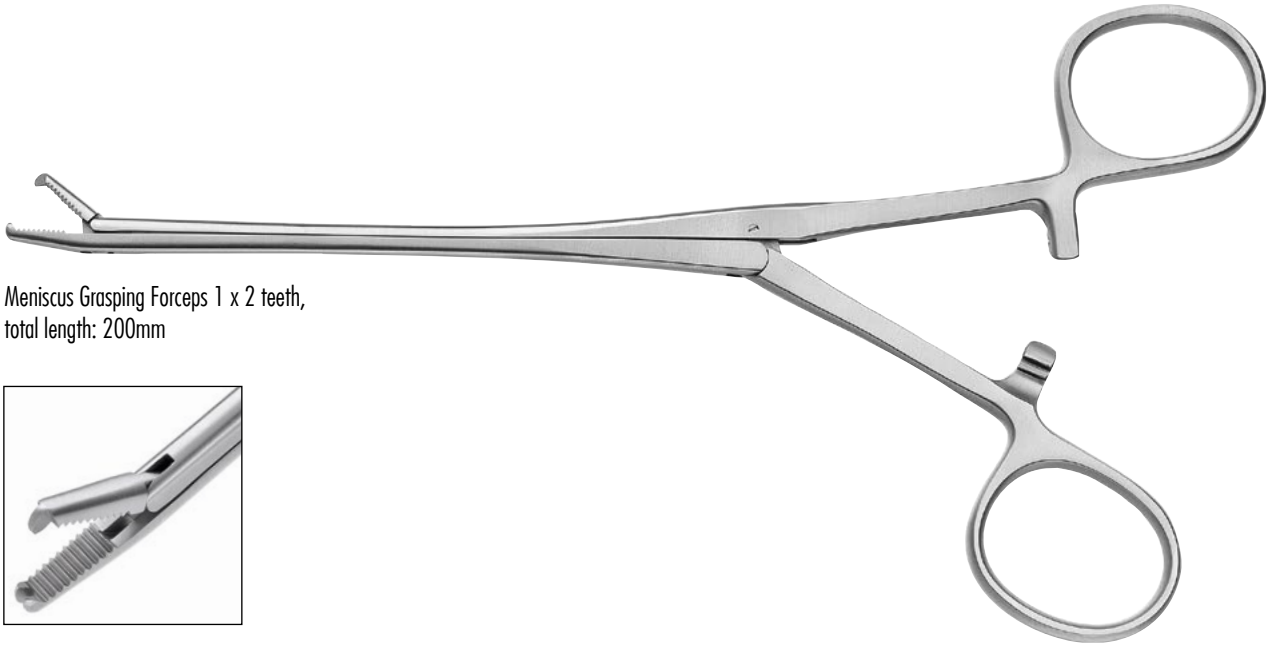
Non-Cannulated
With guide for K-wires Ø 2mm/0.077"



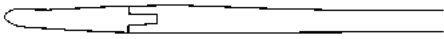
SLIDE LOCK RING HANDLE

225-800-850
225-800-855

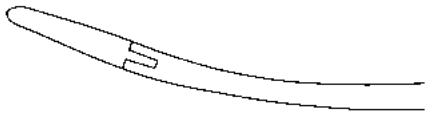




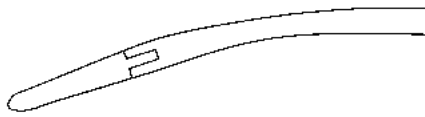
Meniscus Grasping Forceps 1 x 2 teeth,
total length: 200mm



225-360-000
straight



225-360-002
curved Right



225-360-001
curved Left



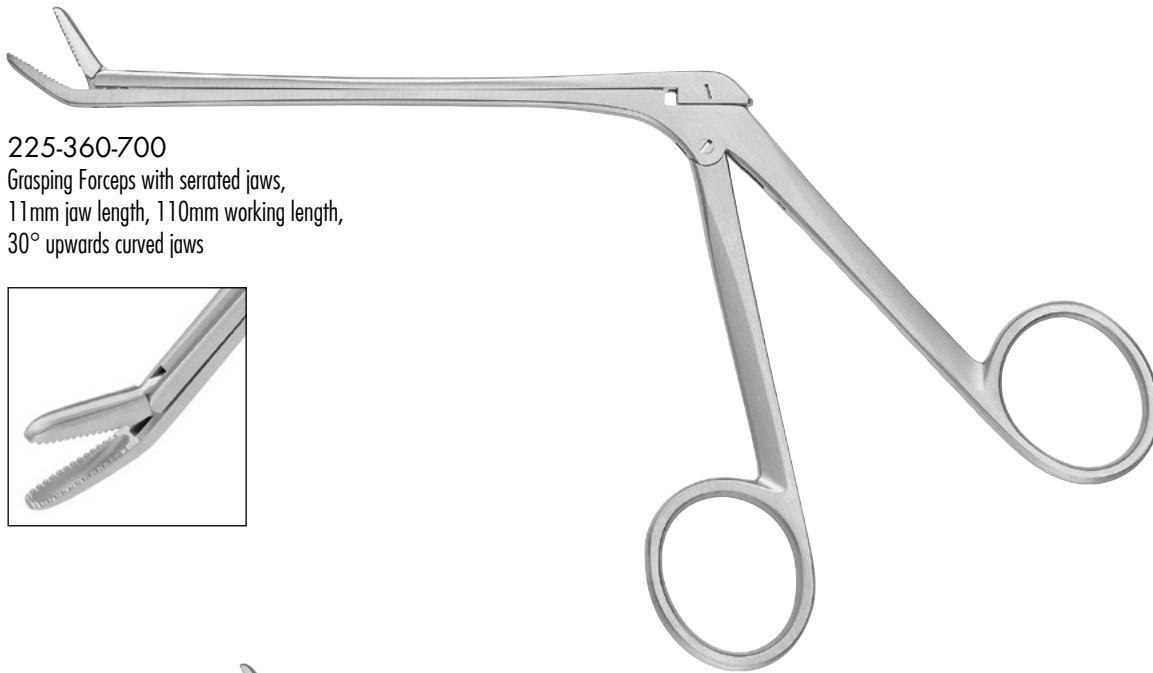
225-360-500
Schlesinger Meniscus Grasping Forceps, serrated jaws
with 1x 2 teeth, straight, 13cm, with ratchet

225-360-550
without ratchet



225-360-600
Schlesinger Meniscus Grasping Forceps,
serrated jaws, straight, 13cm, with ratchet

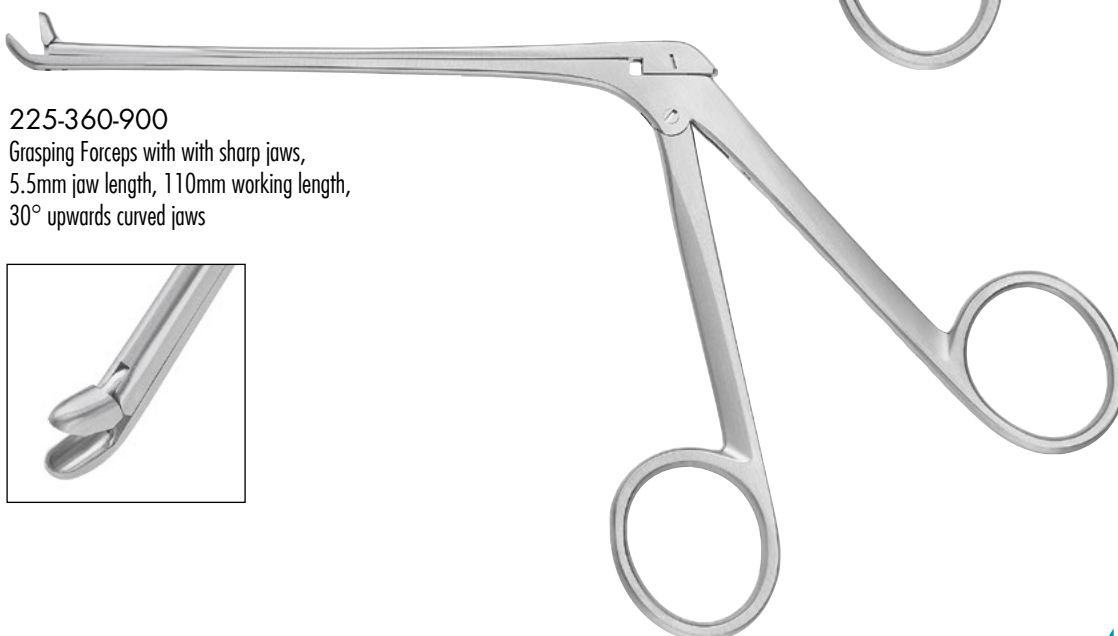




225-360-700
Grasping Forceps with serrated jaws,
11mm jaw length, 110mm working length,
30° upwards curved jaws



225-360-800
Grasping Forceps with with sharp jaws,
11mm jaw length, 110mm working length,
30° upwards curved jaws



225-360-900
Grasping Forceps with with sharp jaws,
5.5mm jaw length, 110mm working length,
30° upwards curved jaws

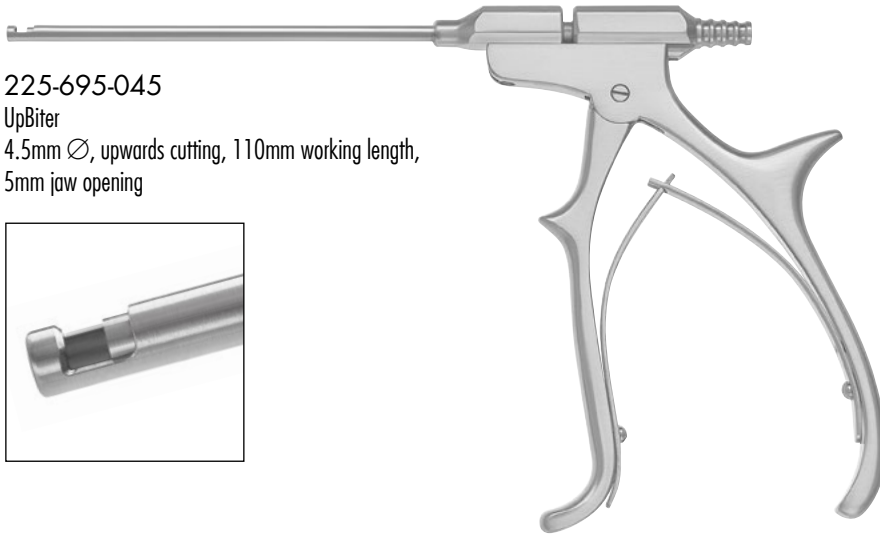


All RZ **ArthVANCE®** Suction Punches feature an universal tube connector for simultaneous punching and evacuation of tissue, cartilage or bone parts.

225-695-045

UpBiter

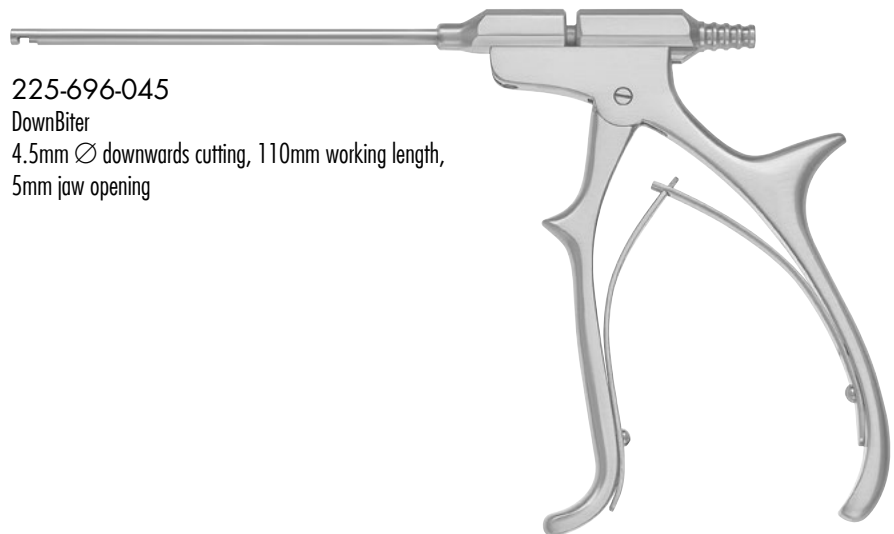
4.5mm Ø, upwards cutting, 110mm working length,
5mm jaw opening



225-696-045

DownBiter

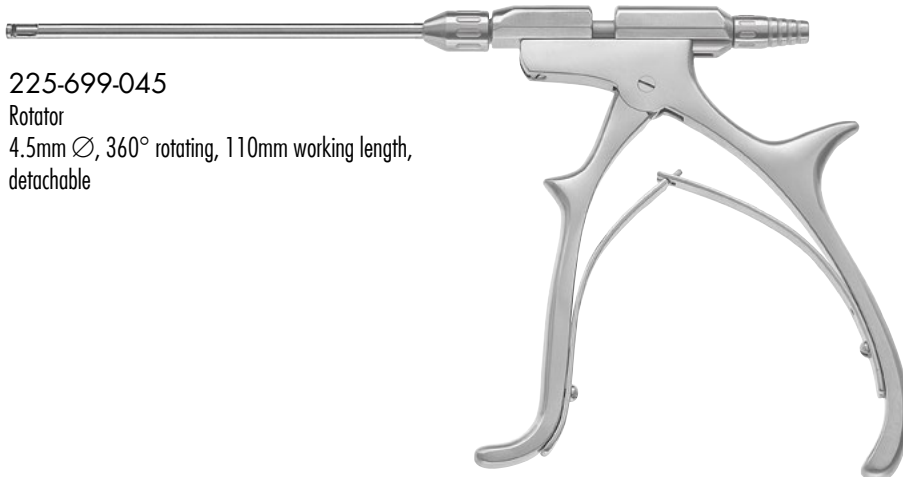
4.5mm Ø downwards cutting, 110mm working length,
5mm jaw opening

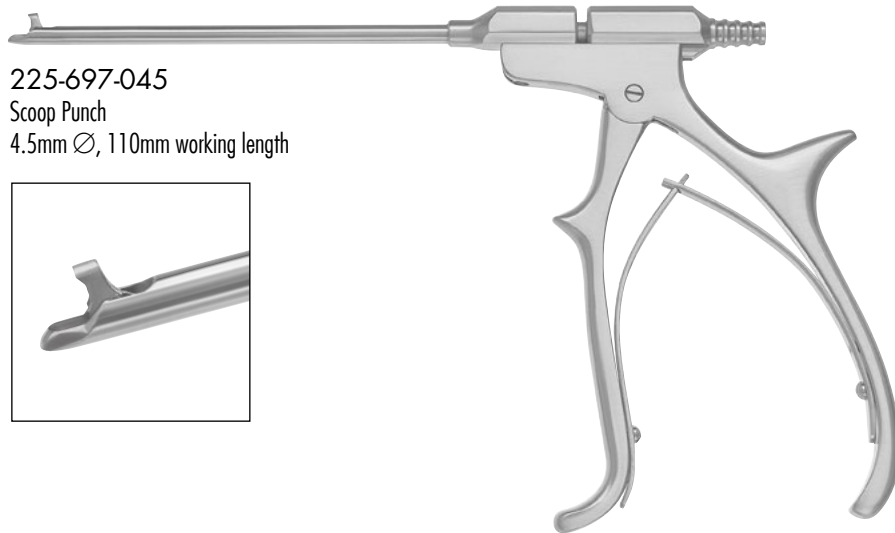


225-699-045

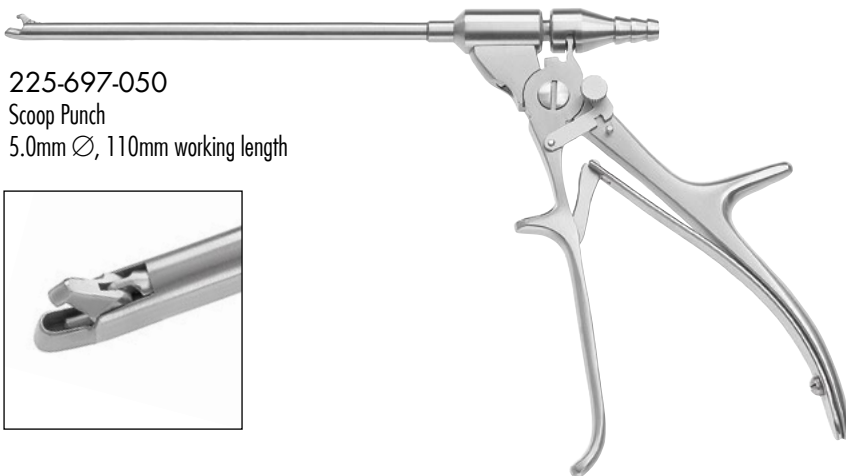
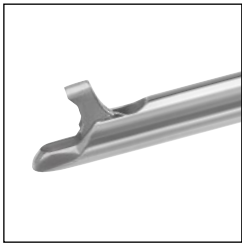
Rotator

4.5mm Ø, 360° rotating, 110mm working length,
detachable





225-697-045
Scoop Punch
4.5mm Ø, 110mm working length



225-697-050
Scoop Punch
5.0mm Ø, 110mm working length



PUNCHES & SCISSORS



Parrot Beak Tear



Transverse Tear



Flap Tear



Bucket Handle Tear



Complex Tear



Discoid Meniscus Degenerative Tear

	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE
POSTERIOR	Slimline Punch	14	Slimline Punch	14	Slimline Punch	14
	Duckling	13	Duckling	13	Duckling	13
	Scissors Punch	20	Scissors Punch	20	Basket Punch UpBiter 1.3mm	20
	Oval Punch	14	Oval Punch	14	Hook Scissors 60°	14
PARS INTERMEDIA	Duckling	13	Duckling	13	Duckling	13
	Basket Punch 1.5mm	16	Basket Punch 1.5mm	16	Oval Punch	14
	Basket Punch 1.3mm	16	Basket Punch 1.3mm	16	Basket Punch 1.3mm	16
	Punch 1.0 mm	16	Punch 1.0 mm	16	Basket Punch 2.7mm	16
	Basket Punch 2.7mm	16	Scissors Punch	16	Duckling UpSwept	13
	Basket Punch 3.4mm	16	Oval Punch	14	Scissors Punch Upbiter	20
	Oval Punch	14	Meniscal Elevator	15	Meniscal Elevator	15
			Oval Punch	14		
ANTERIOR	Side Cutter 90°	17	Side Cutter 90°	17	Side Cutter 90°	17
	Hook Scissors 60°	19	Hook Scissors 60°	19	Hook Scissors 60°	19
	Duckbill Left up	12	Duckbill Left up	12	Duckbill Left up	12
	Duckbill Right up	12	Duckbill Right up	12	Duckbill Right up	12
	Backbiter	18	Scissors 20°	19	Backbiter	18
	Oval Punch	16	Backbiter	18	Oval Punch	14
			Oval Punch	14		

GRASPING FORCEPS

	PAGE	PAGE	PAGE	PAGE	PAGE	PAGE
FOR ALL JOINT PARTS	Shark	21	Cupped, 2.7mm	22	Rongeur	18
			Alligator	21		
			Heavy Alligator	22	Shark	21

Free Joint parts Narrow Joint parts Bucket Handle tear Biopsy Bone block at reconstruction of crutiate ligament Flap tear Small Joint fragments

BASIC INSTRUMENT SET

		PAGE	
BASIC EQUIPMENT EACH 1 ITEM	225-400-002	Exploring Probe 2.5mm	48
	225-800-105	Duckbill Basket Punch, UpBiter	12
	225-800-205	Oval Punch, UpBiter	14
	225-800-835	Heavy Alligator Grasper, Straight	22
	225-800-405	Duckling Basket Punch, UpBiter	13
	225-800-055	Basket Punch, 1.5mm UpBiter	16
	225-800-820	Shark Grasper, Straight	21
	225-800-707	Backbiter Left	18
EXTENSION	225-697-050	Scoop suction Punch, 5.0mm \varnothing	27
	225-800-905	Meniscal Elevator Basket Punch, UpBiter	15
	225-800-107	Duckbill Basket Punch, UpBiter Left	12
	225-800-413	Duckling Basket Punch Straight Left	13

Table shows only a basic Instrument set that can be completed or changed with other instruments concerning indication of surgery.
Please feel free to ask for combination options.

4.0mm SCOPE AND SHEATH SYSTEM

	Scope	Sheath Trocar blunt Trocar sharp	Sheath QuickLock Trocar blunt Trocar sharp	HighFlow Trocar blunt Trocar sharp	HighFlow QuickLock Trocar blunt Trocar sharp	HighFlow large Trocar blunt Trocar sharp	HighFlow large Quicklock Trocar blunt Trocar sharp
0°	225-140-000	225-500-355 225-500-655 225-500-555	225-550-355 225-500-655 225-500-555	225-500-360 225-500-560 225-500-660	225-550-360 225-500-560 225-500-660	225-500-365 225-500-565 225-500-665	225-550-365 225-500-565 225-500-665
30°	225-140-030	225-500-255 225-500-655 225-500-556	225-550-255 225-500-655 225-500-556	225-500-260 225-500-560 225-500-660	225-550-260 225-500-560 225-500-660	225-500-265 225-500-565 225-500-665	225-550-265 225-500-565 225-500-665
45°	225-140-045	225-500-355 225-500-655 225-500-555	225-550-355 225-500-655 225-500-555	225-500-360 225-500-560 225-500-660	225-550-360 225-500-560 225-500-660	225-500-365 225-500-565 225-500-665	225-550-365 225-500-565 225-500-665
70°	225-140-070	225-500-355 225-500-655 225-500-555	225-550-355 225-500-655 225-500-555	225-500-360 225-500-560 225-500-660	225-550-360 225-500-560 225-500-660	225-500-365 225-500-565 225-500-665	225-550-365 225-500-565 225-500-665

ArthVANCE® HANDGRIP INSTRUMENTS



All ArthVance Instruments feature a carbon fibre handle and special hardened stainless steel working parts for long life-time.

The ergonomic handle design guarantees an easy and well balanced handling of each instrument.

A wide range of different tip designs and different angles give the surgeon full flexibility in Arthroscopic approaches.

CURETTES



Size 1
Ø2mm, (w)3mm, (h)5mm

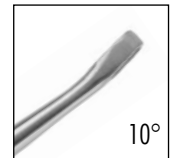


Size 2
Ø2.3mm, (w)4mm, (h)6mm

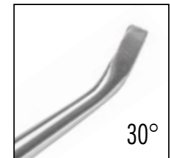


Size 3
Ø3.3mm, (w)6mm, (h)7mm

- 225-600-511 Oval Curette, Size 1, 10° angled tip, 13cm working length
- 225-600-512 Oval Curette, Size 2, 10° angled tip, 13cm working length
- 225-600-513 Oval Curette, Size 3, 10° angled tip, 13cm working length



- 225-600-531 Oval Curette, Size 1, 30° angled tip, 13cm working length
- 225-600-532 Oval Curette, Size 2, 30° angled tip, 13cm working length
- 225-600-533 Oval Curette, Size 3, 30° angled tip, 13cm working length



TWO_SIDED CURETTES (both sides sharp)



Size 1
Ø2mm, (w)3mm, (h)5mm



Size 3
Ø3.3mm, (w)6mm, (h)7mm

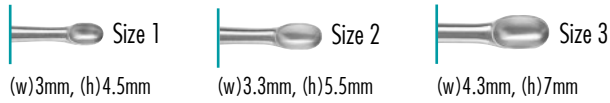
- 225-600-521 Two-sided Curette, Size 1, 20° angled tip, 13cm working length
- 225-600-523 Two-sided Curette, Size 3, 20° angled tip, 13cm working length



- 225-600-541 Two-sided Curette, Size 1, 30° angled tip, 13cm working length
- 225-600-543 Two-sided Curette, Size 3, 30° angled tip, 13cm working length

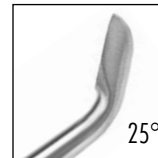
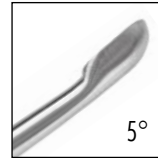


SPOONS

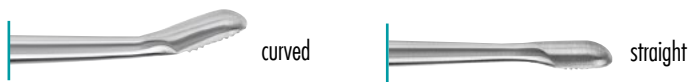


225-600-401 Spoon Size 1, 5° angled tip, 13 cm working length
 225-600-402 Spoon Size 2, 5° angled tip, 13 cm working length
 225-600-403 Spoon Size 3, 5° angled tip, 13 cm working length

225-600-411 Spoon Size 1, 25° angled tip, 13 cm working length
 225-600-412 Spoon Size 2, 25° angled tip, 13 cm working length
 225-600-413 Spoon Size 3, 25° angled tip, 13 cm working length



RASPS



225-600-610 Small Rasp, straight tip, fine serration, 13 cm working length
 225-600-611 Small Rasp, curved tip, fine serration, 13 cm working length
 225-600-612 Small Rasp, straight tip, coarse serration, 13 cm working length
 225-600-613 Small Rasp, curved tip, coarse serration, 13 cm working length

225-600-614 Large Rasp, straight tip, fine serration, 13 cm working length
 225-600-615 Large Rasp, curved tip, fine serration, 13 cm working length
 225-600-616 Large Rasp, straight tip, coarse serration, 13 cm working length
 225-600-617 Large Rasp, curved tip, coarse serration, 13 cm working length



fine serration



coarse serration

HOOK PROBES



225-600-004 Hook Probe



MICRO FRACTURE CHONDRO PICKS

For treatment of cartilage defects on large and medium joints. All instruments feature an ergonomic carbon fibre handle with integrated impact protection for use with the specially designed mallet.



225-600-200
Chondro-Pick straight



225-600-225
Chondro-Pick 25° angled tip



225-600-240
Chondro-Pick 40° angled tip



225-600-260
Chondro-Pick 60° angled tip



225-600-290
Chondro-Pick
90° angled tip



Special hardened stainless steel for reliable working



Integrated Impact protection



225-600-300
Mallet for Chondro-Picks

HAND INSTRUMENTS TRIANGULAR HANDLE



225-400-002
Exploring Probe 3.5mm,
5mm graduated



225-400-025
Rosen Knife, toothed blade



225-400-004
Exploring Probe 5.0mm
5mm graduated



225-400-034
Scalpel Knife



225-400-006
3mm Spoon, angled tip



225-400-029
Banana Knife



225-400-020
Smilie Menisctome, 3mm wide,
straight cutting edge



225-400-038
Hook Knife, reverse cutting



225-400-022
Smilie Menisctotme, 5mm wide,
straight cutting edge



225-400-041
Retrograde Knife, 45° angled blade



225-400-023
Smilie Menisctome 7mm wide,
curved cutting edge



225-400-043
Sickle Knife



225-400-090
Diamond Rasp 90° angled,
meniscal tear refreshing



225-400-045
Diamond Rasp 45° angled,
meniscal tear refreshing

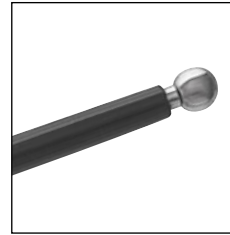


Monopolar Arthroscopy Electrodes, reusable, autoclavable 134°C, insulated, 4.0mm and 2.4mm plug, working length 115mm

4mm
e.g. ERBE,
Berchtold, Bowa
compatible



2.4mm
International
e. g. Arthrex, Linvatec
compatible



225-700-001

225-710-001

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



225-700-002

225-710-002

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



225-700-003

225-710-003

Monopolar Arthroscopy Knife Electrode, 45° angled, cranked



225-700-005

225-710-005

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



225-700-006

225-710-006

Ball Electrode, 3.0mm ø



225-700-007

225-710-007

Hollow Ball Electrode



225-700-008

225-710-008

Brush Electrode



225-700-009

225-710-009

Brush Electrode



700-214-040

Handle with 2 buttons for 4.0mm ø electrodes with firm 4m cable

700-214-024

Handle with 2 buttons for 2.4mm ø electrodes with firm 4m cable





Monopolar Arthroscopy Electrodes, reusable, autoclavable 134°C, 4.0mm plug, insulated and handle

	225-720-001 Needle Electrode, 1.5mm x 0.6mm, 90°	*
	225-720-002 Needle Electrode, 4mm x 0.6mm, 90°	*
	225-720-003 Monopolar Arthroscopy Knife Electrode, 45° angled, cranked	*
	225-720-005 Monopolar Arthroscopy Palpation Electrode, tip 90° angled	*
	225-720-006 Ball Electrode, 3.0mm ø	*

MONOPOLAR CABLES



round-plug 4mm (instrument side)

3m	700-280-030	700-285-030	700-101-030	700-360-031	700-501-300
5m	700-280-050	700-285-050	700-101-050	700-360-051	—



Bipolar Arthroscopy Electrodes, reusable, autoclavable 134°C



16mm Handle width
170mm
working length

12mm Handle width
115mm
working length



225-730-300 | 225-700-300 | Bipolar Vapor Electrode with ceramic tip



225-730-400 | 225-700-400 | Bipolar Hook Electrode, tip Ø 0.6mm, 90° angled



225-730-500 | 225-700-500 | Bipolar Hook Electrode, tip Ø 1.5mm, 90° angled



225-730-600 | 225-700-600 | Bipolar Loop Electrode „Active Loop“



225-730-700 | 225-700-700 | Bipolar Vapor Electrode, tip Ø 2.4mm, 70° angled



- | 225-700-701 | Bipolar Vapor Electrode, tip Ø 2.4mm, 90° angled



225-730-800 Bipolar Electrode for efficient removal of cartilage tissue, 22.5cm working length, flat plug



BIPOLAR CABLES



2-banana-pin *



Erbe



Martin, Berchtold,
Aesculap GK55 + sGK60



Valleylab, Lamidey,
EMC



SDS Plug
Arthroscopy coded



3m 700-350-030 700-101-001 700-287-030 700-351-031 700-500-300



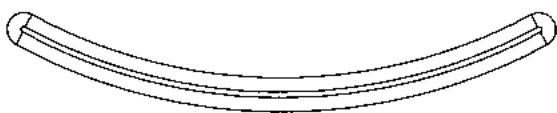
5m 700-350-050 700-101-000 700-287-050 700-351-051 700-500-500

* Not available with CE marking within Europe



225-900-020
LEGère Leg Rest Set with
large (195 x 85mm) and
small (145 x 85mm) support

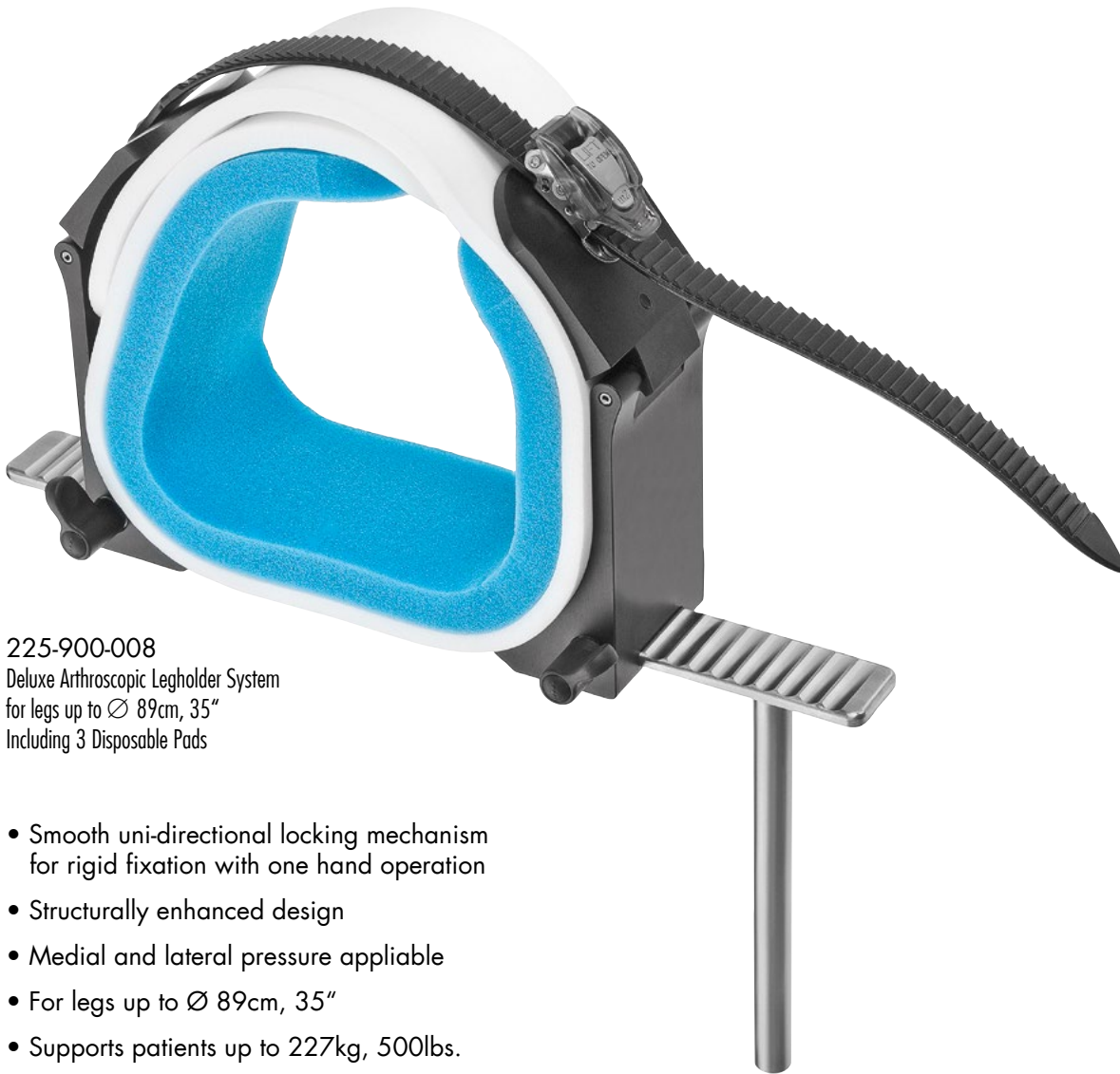
- Surgical table mounting bar not necessary
- Easy to clean and sterilizing
- Can be placed at femoral and shank



Wide, slightly convex support for femoral



Smaller, more round support for shank

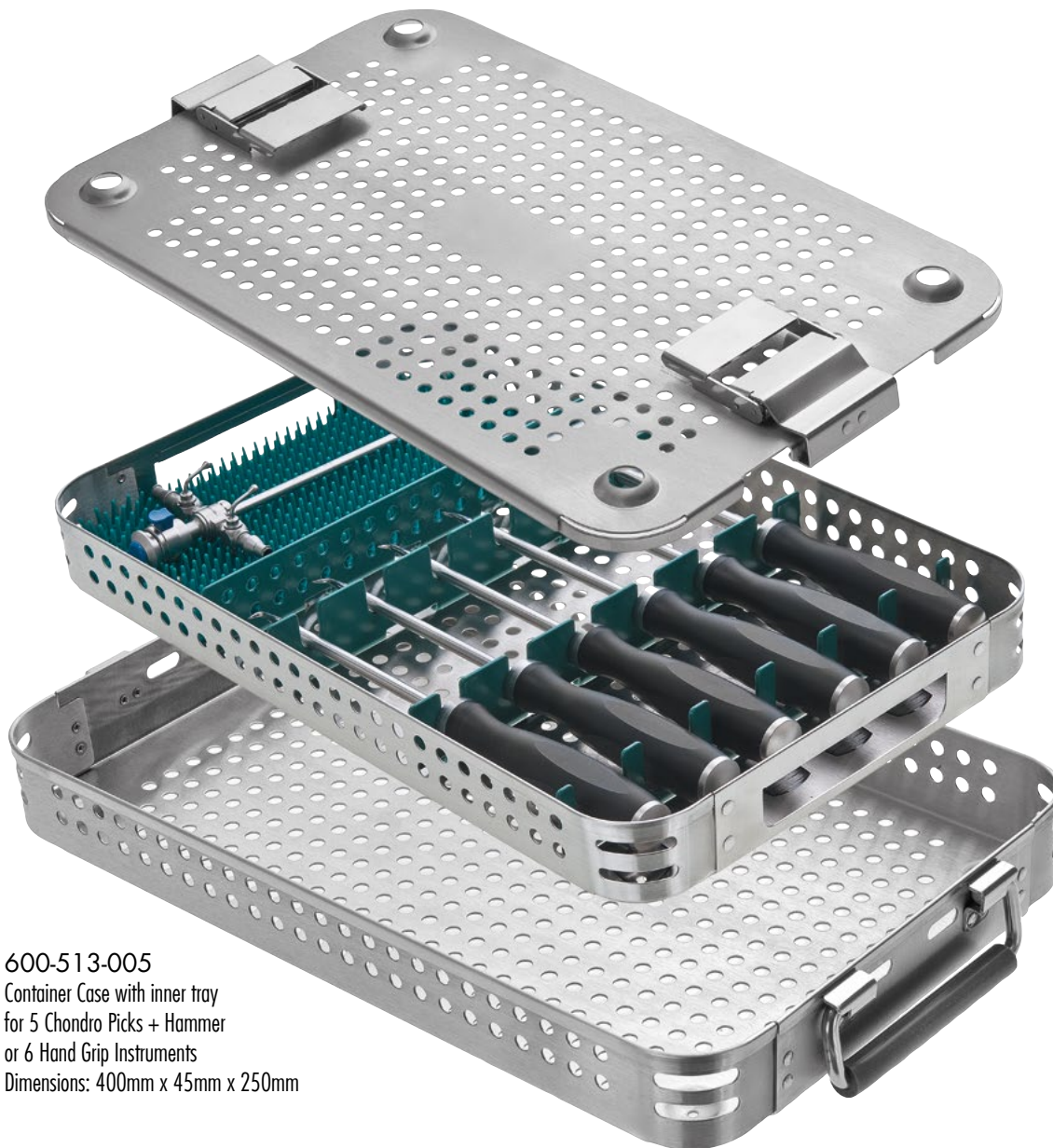


225-900-008
Deluxe Arthroscopic Legholder System
for legs up to Ø 89cm, 35"
Including 3 Disposable Pads

- Smooth uni-directional locking mechanism for rigid fixation with one hand operation
- Structurally enhanced design
- Medial and lateral pressure applicable
- For legs up to Ø 89cm, 35"
- Supports patients up to 227kg, 500lbs.



225-900-011
Leg Holder Disposable Pad
12 pcs.



600-513-005
 Container Case with inner tray
 for 5 Chondro Picks + Hammer
 or 6 Hand Grip Instruments
 Dimensions: 400mm x 45mm x 250mm

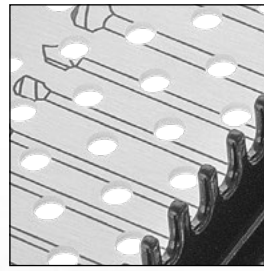
This **ArthVANCE** container is specially designed to organise your complete set of chondro picks including hammer or six pieces of RZ Handgrip Instruments of any kind.

The attached silicone mat offers extra space for additional items such as arthroscopic sheath or similar parts.

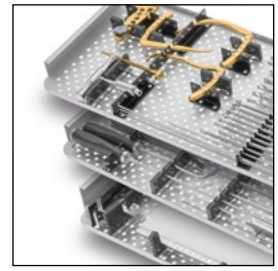
The **ArthVANCE** container consists of 3 parts - bottom, detachable tray with instrument holders and silicone mat with lid.

ACL / PCL SET

225-000-000

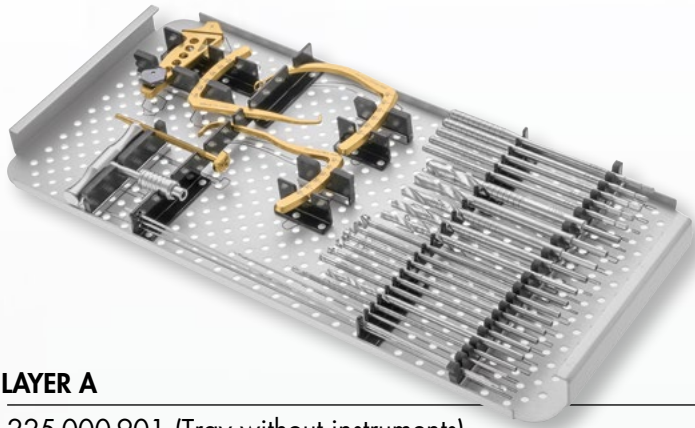


Predestined instrument areas for useful composing



Complete, multi-layered, cost-efficient set

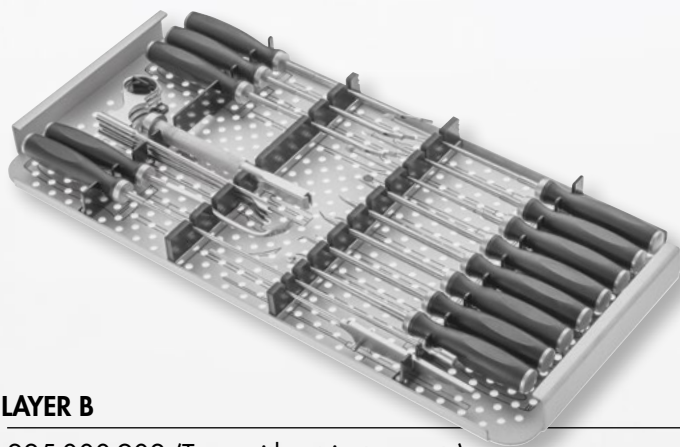




- Drill Guide System
- Tunnel Dilators
- Cannulated Tibial Reamers
- Cannulated Femoral Reamers
- Endoscopic Reamers
- Guide Wire Screws

LAYER A

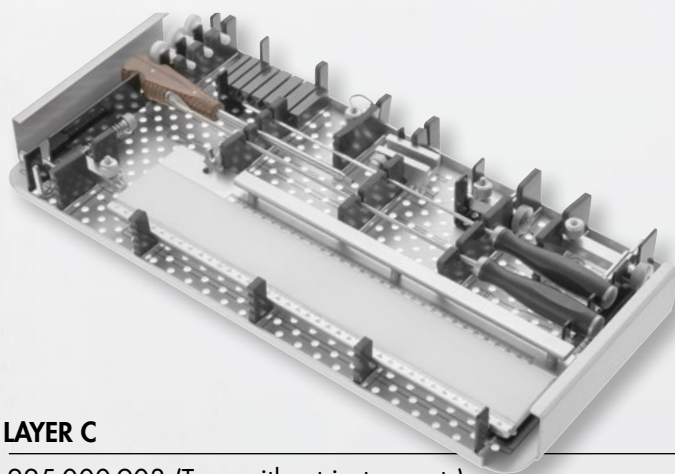
225-000-901 (Tray without instruments)



- Microfracture Chondro Picks
- Impactor
- Transportal Femoral Offset Guide
- PCL Rasp and Elevators
- Tendon Strippers
- Arthroscopic Probes

LAYER B

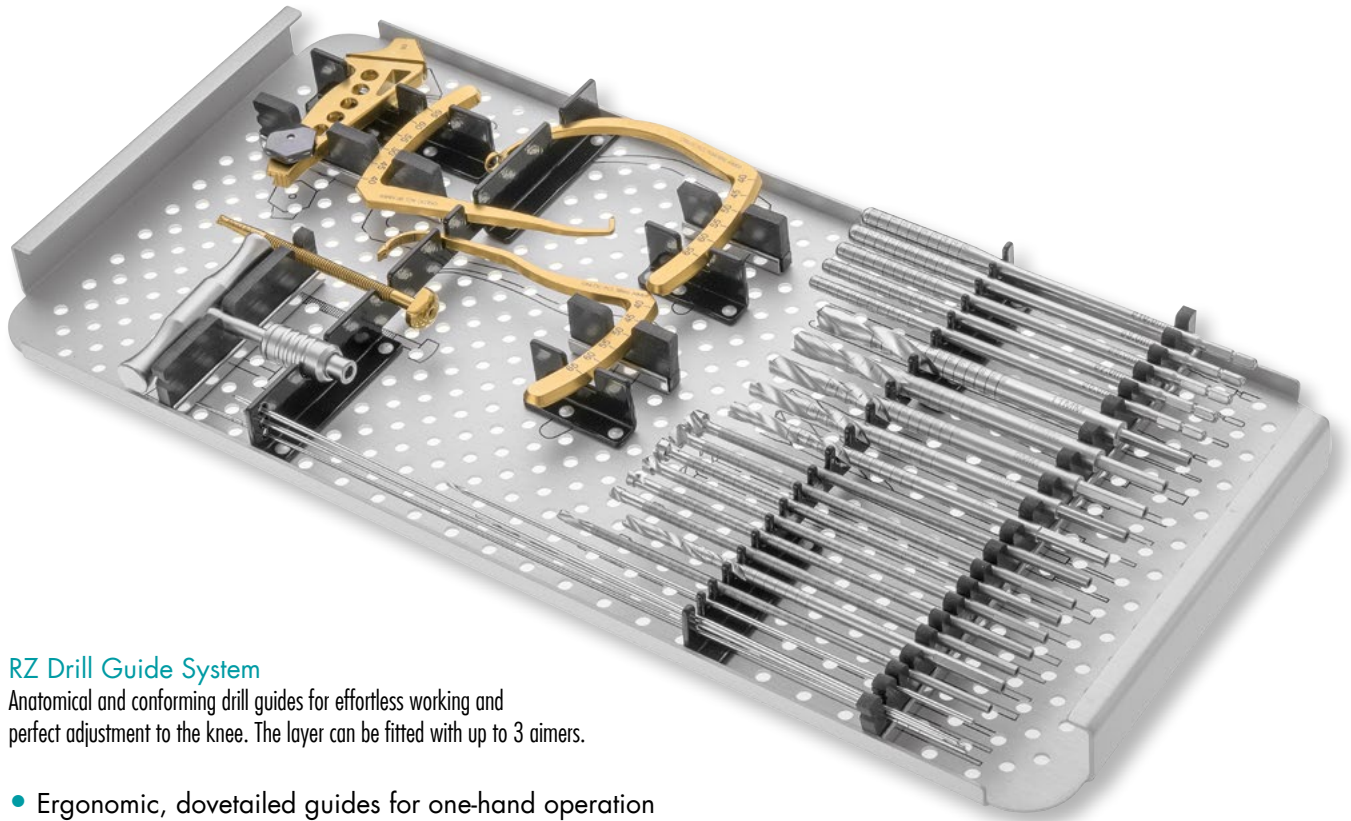
225-000-902 (Tray without instruments)



- Graft Preparation Station
- Graft Sizing Block
- Tunnel Plugs
- Tendon Strippers
- Cannulated Screwdriver
- Depth Gauges

LAYER C

225-000-903 (Tray without instruments)



RZ Drill Guide System

Anatomical and conforming drill guides for effortless working and perfect adjustment to the knee. The layer can be fitted with up to 3 aimers.

- Ergonomic, dovetailed guides for one-hand operation thanks to locking mechanism
- Lightweight and compact design
- Ergonomic, dove-tailed guides
- Secure placement on the tibia
- Posterior capsule is protected during guide wire drilling



225-001-101 ACL / PCL Handle



225-001-102 ACL / PCL Bullet



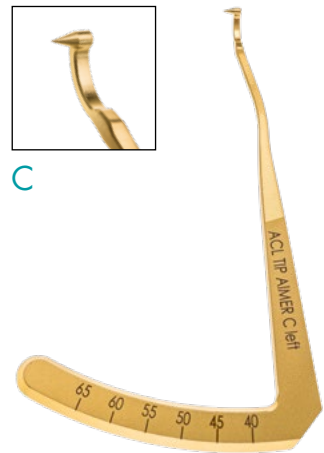
A



B



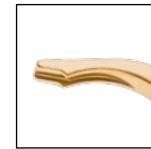
C



D



E



F



G



AIMER

- A 225-001-105 ACL Tip
- B 225-001-106 ACL Tip O
- C 225-001-107 ACL Tip C left
- D 225-001-108 ACL Tip C right
- E 225-001-115 PCL Tibial Aimer
- F 225-001-116 PCL Tibial Aimer
- G 225-001-117 PCL Femoral Aimer



Used to expand tibial and femoral tunnels while compressing the cancellous bone without drilling

TUNNEL DILATORS / T-HANDLE

- 225-000-406 6mm, cannulated
- 225-000-407 7mm, cannulated
- 225-000-408 8mm, cannulated
- 225-000-409 9mm, cannulated
- 225-000-410 10mm, cannulated
- 225-000-400 T-Handle (suitable for 225-000-406 to -410)



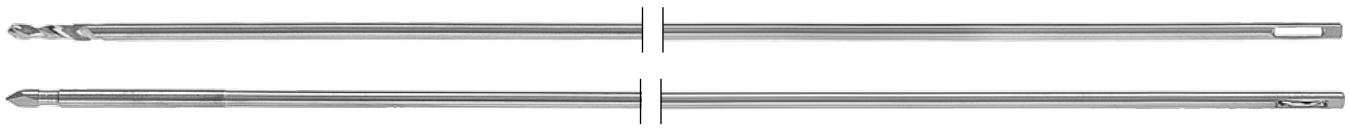
CANNULATED TIBIAL REAMERS

- | | | | |
|-------------|--------|-------------|---------|
| 225-000-060 | 6.0mm | 225-000-095 | 9.5mm* |
| 225-000-065 | 6.5mm* | 225-000-100 | 10.0mm |
| 225-000-070 | 7.0mm | 225-000-105 | 10.5mm* |
| 225-000-075 | 7.5mm* | 225-000-110 | 11.0mm |
| 225-000-080 | 8.0mm | 225-000-115 | 11.5mm* |
| 225-000-085 | 8.5mm* | 225-000-112 | 12.0mm* |
| 225-000-090 | 9.0mm | | |



ENDOSCOPIC REAMER

- 225-000-008 \varnothing 4.7mm, cannulated, 200mm



DRILL / GRAFT PASSING GUIDE PINS

- 225-000-005 Drill bit, \varnothing 2.4mm
- 225-000-006 Pin, Drill-tip
- 225-000-007 Pin, Diamond-tip



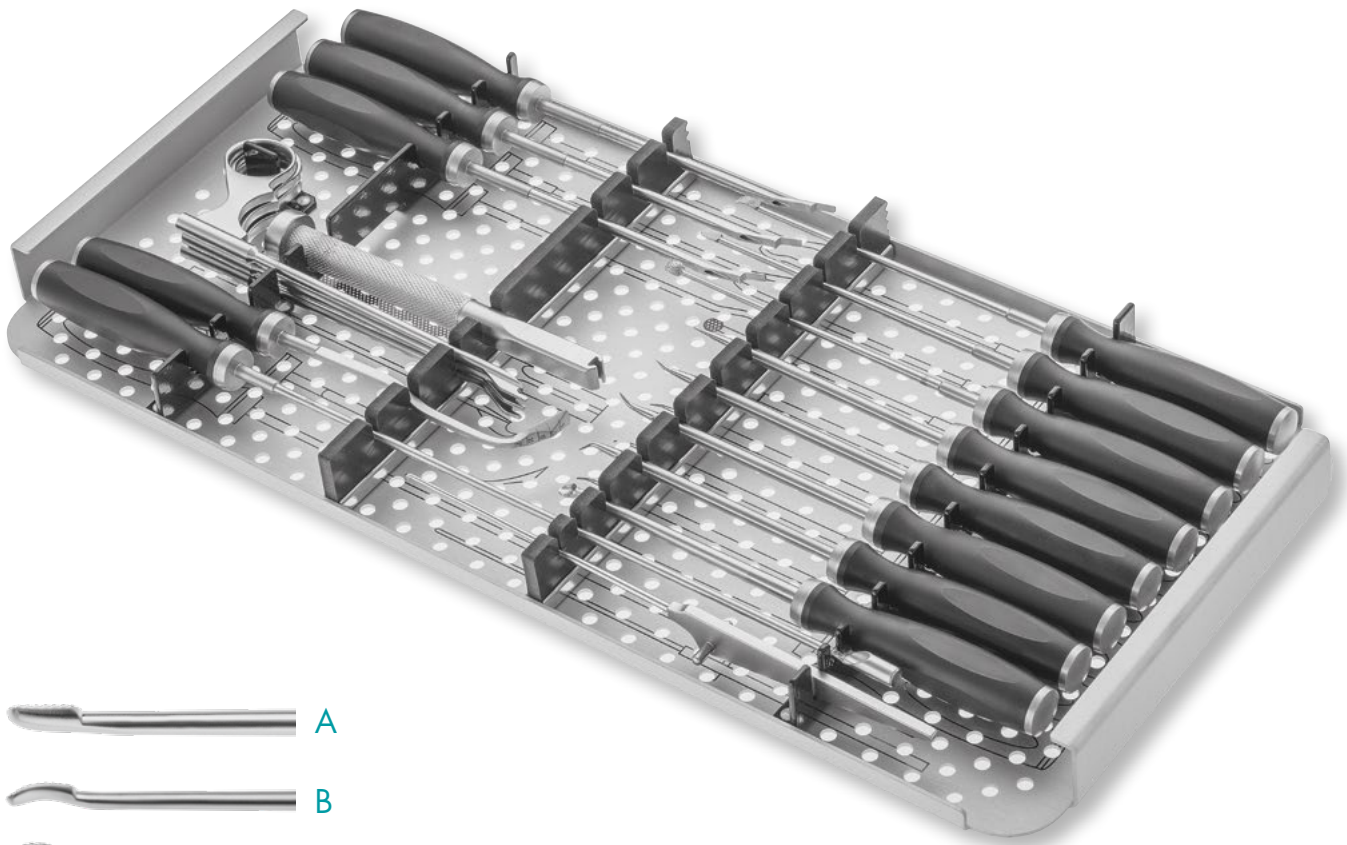
CANNULATED FEMORAL REAMERS

- | | | | |
|-------------|--------|-------------|---------|
| 225-000-260 | 6.0mm | 225-000-295 | 9.5mm* |
| 225-000-265 | 6.5mm* | 225-000-300 | 10.0mm |
| 225-000-270 | 7.0mm | 225-000-305 | 10.5mm* |
| 225-000-275 | 7.5mm* | 225-000-310 | 11.0mm |
| 225-000-280 | 8.0mm | 225-000-315 | 11.5mm* |
| 225-000-285 | 8.5mm* | 225-000-312 | 12.0mm* |
| 225-000-290 | 9.0mm | | |



GUIDE WIRE FOR SCREWS

- 225-000-009 \varnothing 2.0mm
- 259-120-400 \varnothing 1.2mm (made of Nitinol)



A



B



C



RASPS

- A 225-000-500 Straight rasp
- B 225-000-501 Convex rasp
- C 225-000-502 Half-round rasp

* Item not included in the set and can be ordered separately.



CHONDRO PICKS

- A 225-600-200 0° / straight
- B 225-600-225 25°
- C 225-600-240 40°
- D 225-600-260 60°



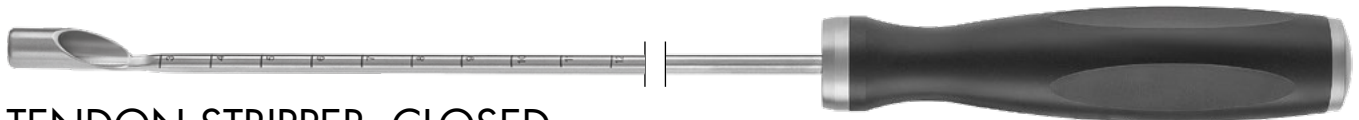
CURETTE

- 225-000-507 25° angled down



TRANSPORTAL FEMORAL OFFSET GUIDE

- 225-000-015 5.0mm
- 225-000-016 6.0mm
- 225-000-017 7.0mm



TENDON STRIPPER, CLOSED

225-000-606 6.0mm*

225-000-607 7.0mm

225-000-608 8.0mm*



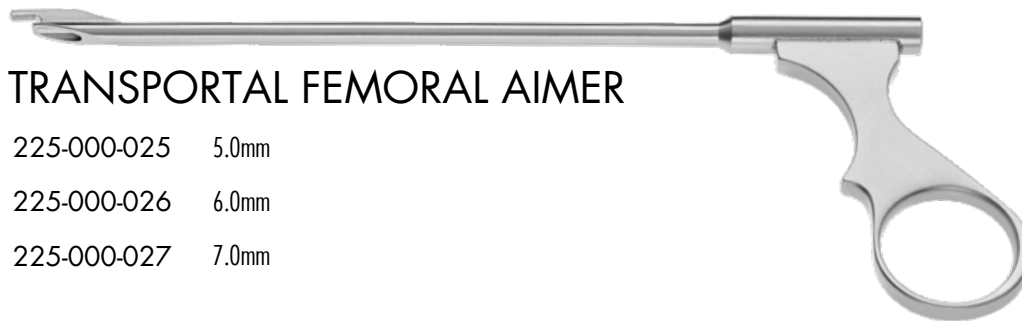
PCL ELEVATOR

225-000-503 with wire capture hole



ARTHROSCOPIC PROBE

225-400-002 5mm graduations

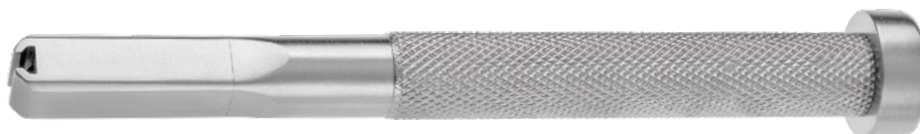


TRANSPORTAL FEMORAL AIMER

225-000-025 5.0mm

225-000-026 6.0mm

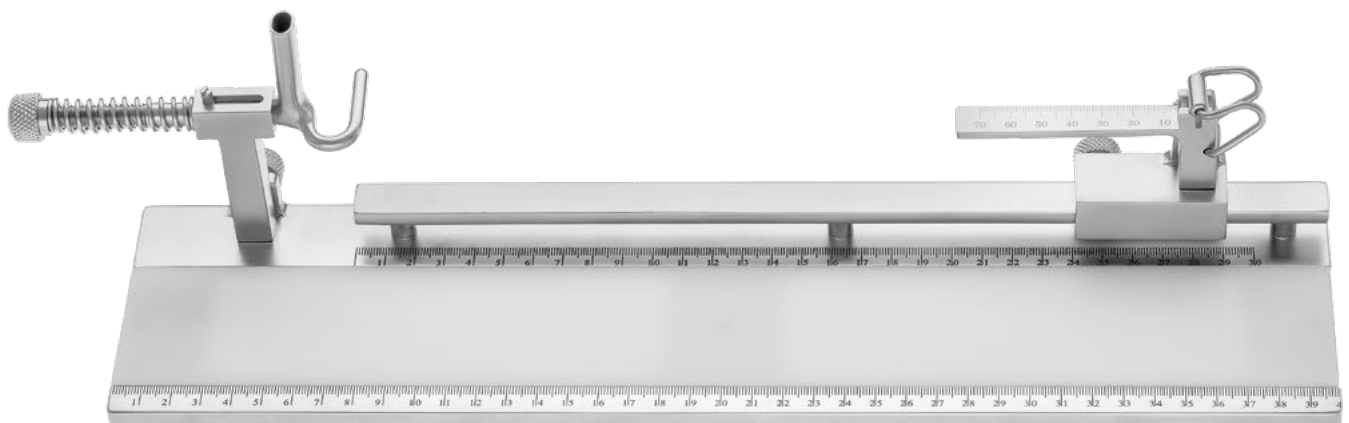
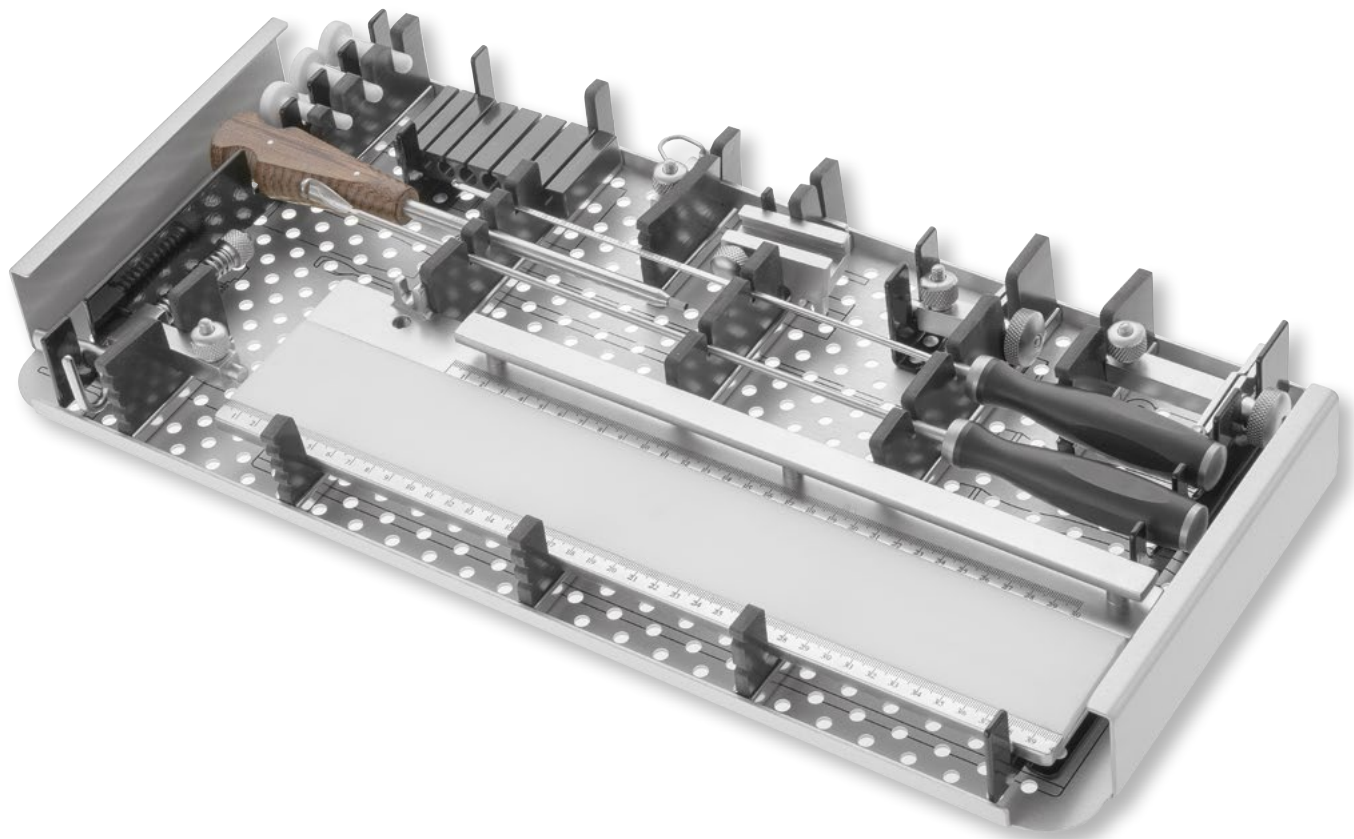
225-000-027 7.0mm



IMPACTOR

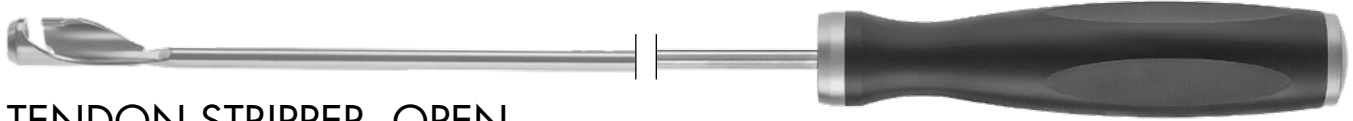
225-000-012 For spiked ligament staple

* Item not included in the set and can be ordered separately.



GRAFT PREPERATION STATION

225-000-700 Fully modular system for 6 to 12 increments

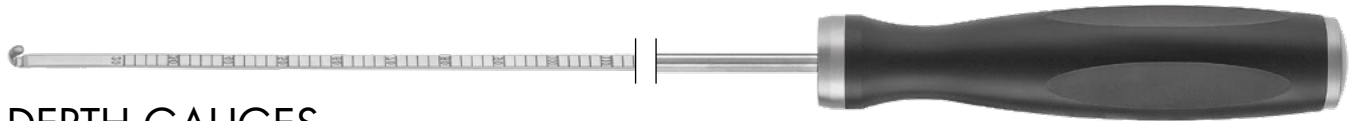


TENDON STRIPPER, OPEN

225-000-616 6.0mm*

225-000-617 7.0mm

225-000-618 8.0mm*



DEPTH GAUGES

225-000-010 For measuring the total length of femoral channel



SCREWDRIVER

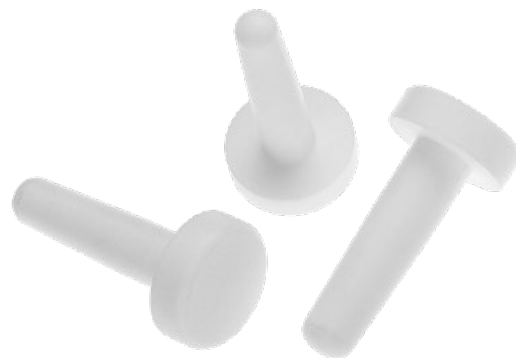
225-000-011 Cannulated



GRAFT SIZING BLOCK

225-000-800 From 6mm to 12mm (in 1mm steps)

225-000-801 From 6.5mm to 11.5mm (in 1mm steps)*



TUNNEL PLUGS

225-000-037 7-8mm

225-000-038 8-9mm

225-000-039 9-10mm

* Item not included in the set and can be ordered separately.



SHOULDER

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

330mm working length
405mm overall length 225-140-400



30° DIRECTION OF VIEW

330mm working length
405mm overall length 225-140-430

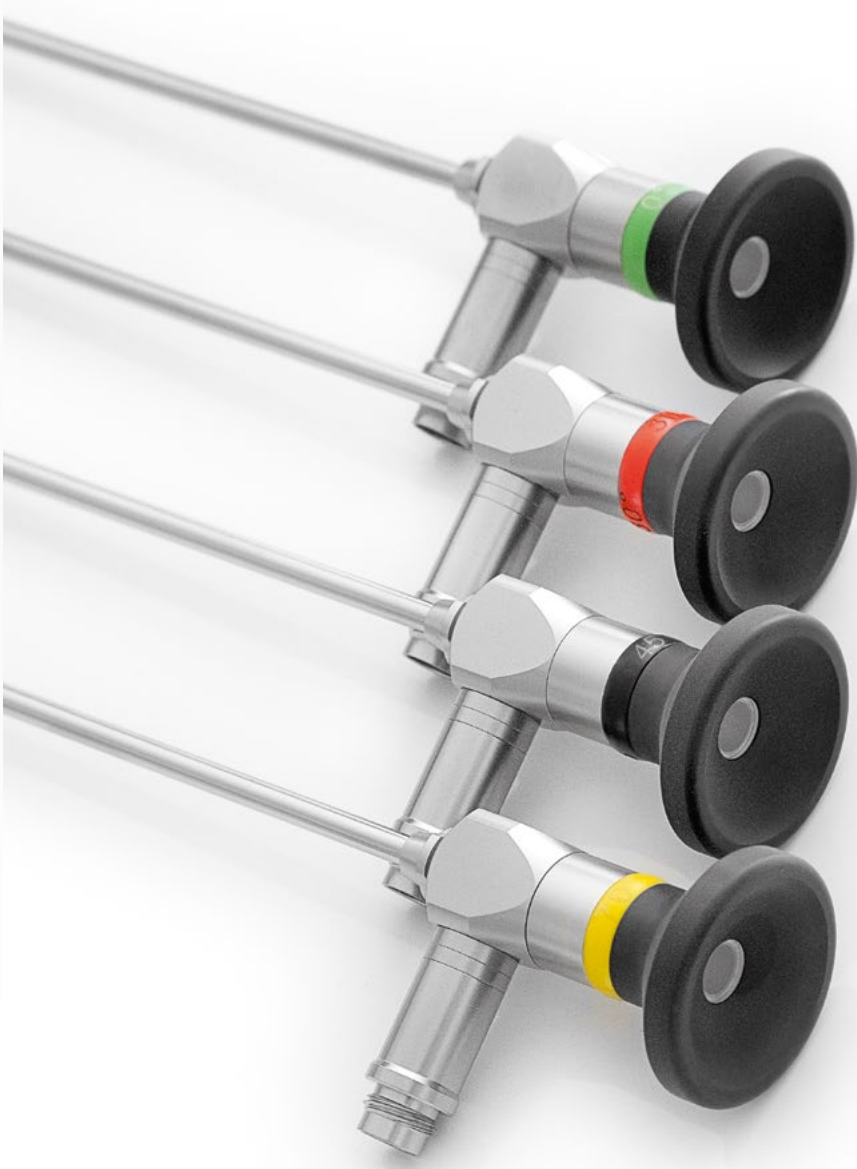


ArthVIEW® TELESCOPES, Ø 4.0mm

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

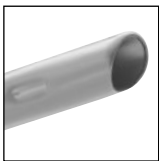
175mm working length 225-140-070

ArthFLOW® SHEATH SYSTEM

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



For 30°

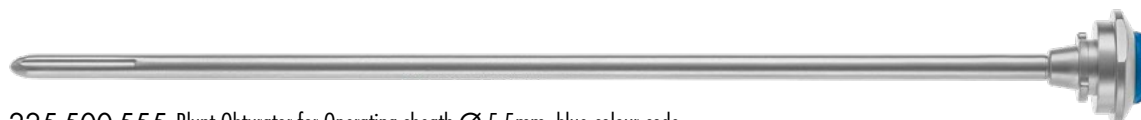


Universal
0°/30°/45°/70°



Rotating Telescope
locking

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



HighFlow Operating sheath with round perforation,
with 2 stopcocks, Ø 6.0mm, red colour code
225-500-260 for 30°
225-500-360 for 0°/30°/45°/70°



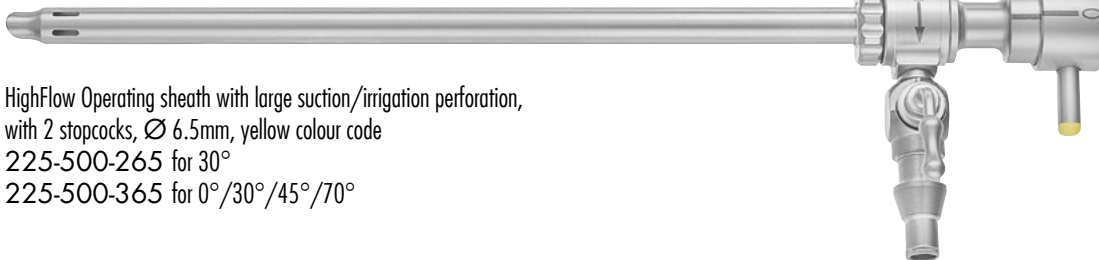
225-500-560 Blunt Obturator for HighFlow Operating sheath, Ø 6.0mm
red colour code



225-500-660 Sharp Trocar for HighFlow Operating sheath, Ø 6.0mm,
red colour code

For 30°

Universal
0°/30°/45°/70°



HighFlow Operating sheath with large suction/irrigation perforation,
with 2 stopcocks, Ø 6.5mm, yellow colour code
225-500-265 for 30°
225-500-365 for 0°/30°/45°/70°

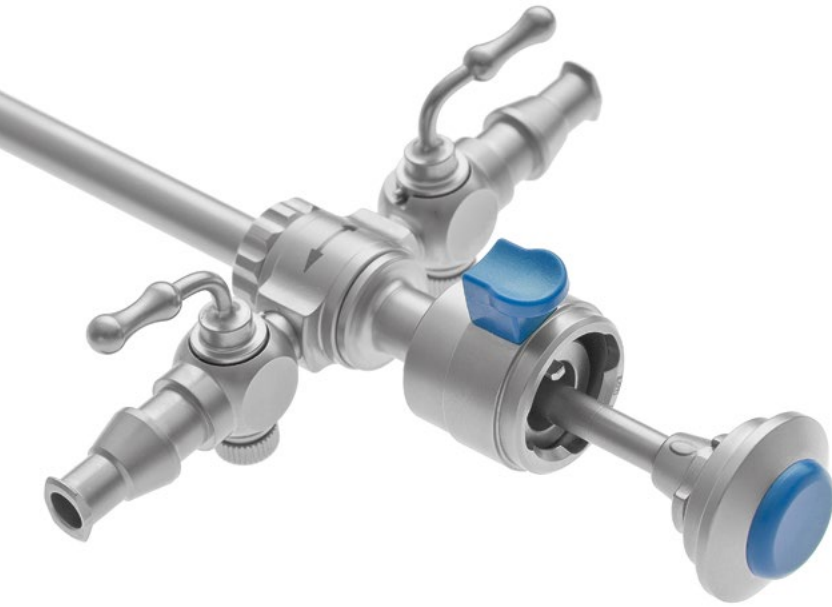


225-500-565 Blunt Obturator for HighFlow Operating sheath, Ø 6.5mm,
yellow colour code

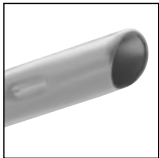




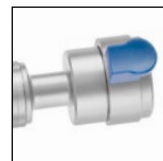
ArthFLOW® SHEATH SYSTEM WITH QUICK-LOCK



For 30°



Universal
0°/30°/45°/70°



Quick-lock Telescope
locking

Operating sheath with 2 stopcocks, Ø 5.5mm, blue colour code
225-550-255 for 30°
225-550-355 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

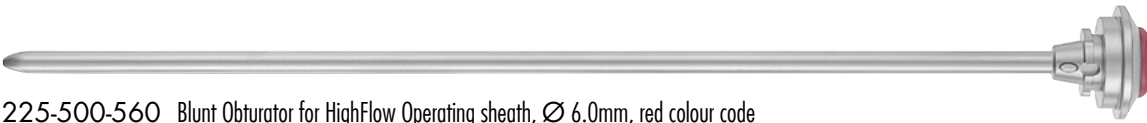
For 30°



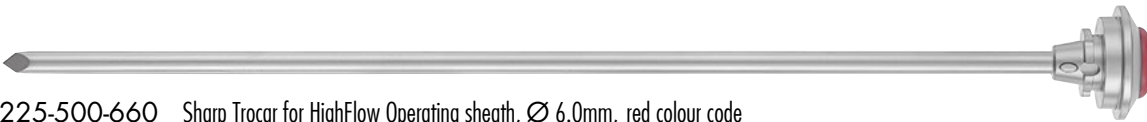
Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, Ø 6.0mm, red colour code
225-550-260 for 30°
225-550-360 for 0°/30°/45°/70°

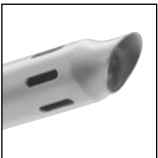


225-500-560 Blunt Obturator for HighFlow Operating sheath, Ø 6.0mm, red colour code

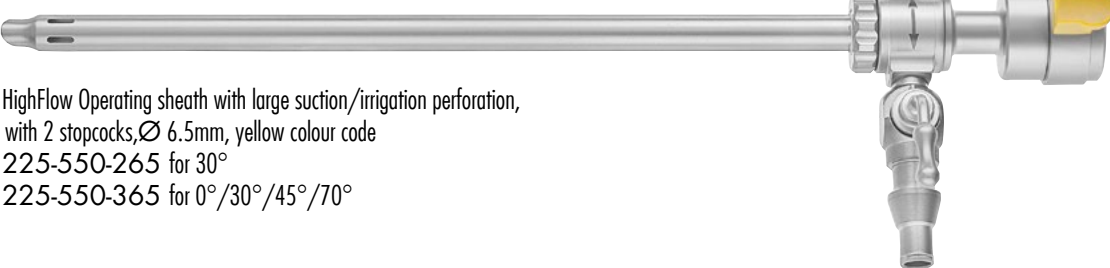


225-500-660 Sharp Trocar for HighFlow Operating sheath, Ø 6.0mm, red colour code

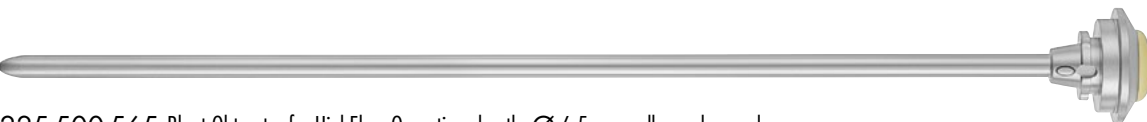
For 30°



Universal
0°/30°/45°/70°



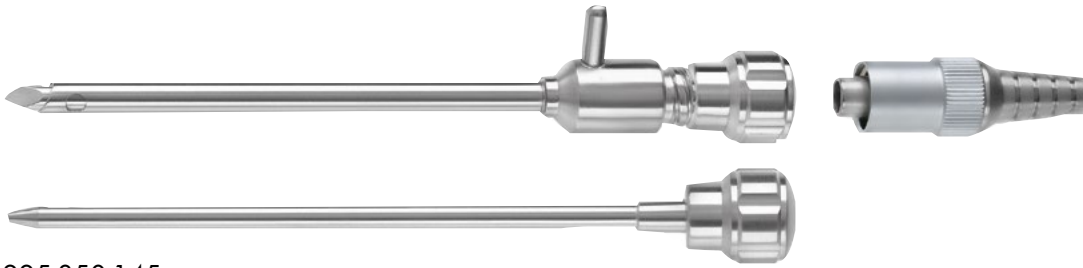
HighFlow Operating sheath with large suction/irrigation perforation,
with 2 stopcocks, Ø 6.5mm, yellow colour code
225-550-265 for 30°
225-550-365 for 0°/30°/45°/70°



225-500-565 Blunt Obturator for HighFlow Operating sheath, Ø 6.5mm, yellow colour code



225-500-665 Sharp Trocar for HighFlow Operating sheath, Ø 6.5mm, yellow colour code



225-850-145
Inflow-Cannula 4.5mm, complete set with shaft, trocar with sharp tip, blunt obturator and irrigation adaptor

Accessories for Suction- and Irrigation System



Irrigation Cannula set with 1 stopcock, including trocar and obturator

- 225-850-000 ∅ 2.3mm
- 225-850-001 ∅ 3.5mm



300-011-181
LuerLock tube connector 9mm



Obturator, blunt

- 225-850-002 ∅ 2.3mm
- 225-850-004 ∅ 3.5mm

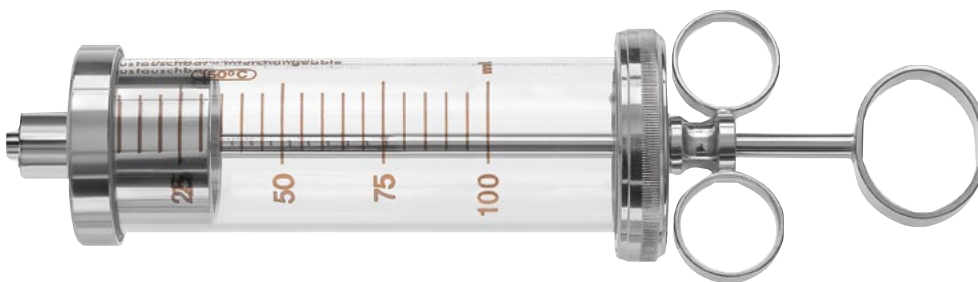


300-011-506
LuerLock tube connector 6mm



Obturator, sharp, 70mm working length

- 225-850-003 ∅ 2.3mm
- 225-850-005 ∅ 3.5mm



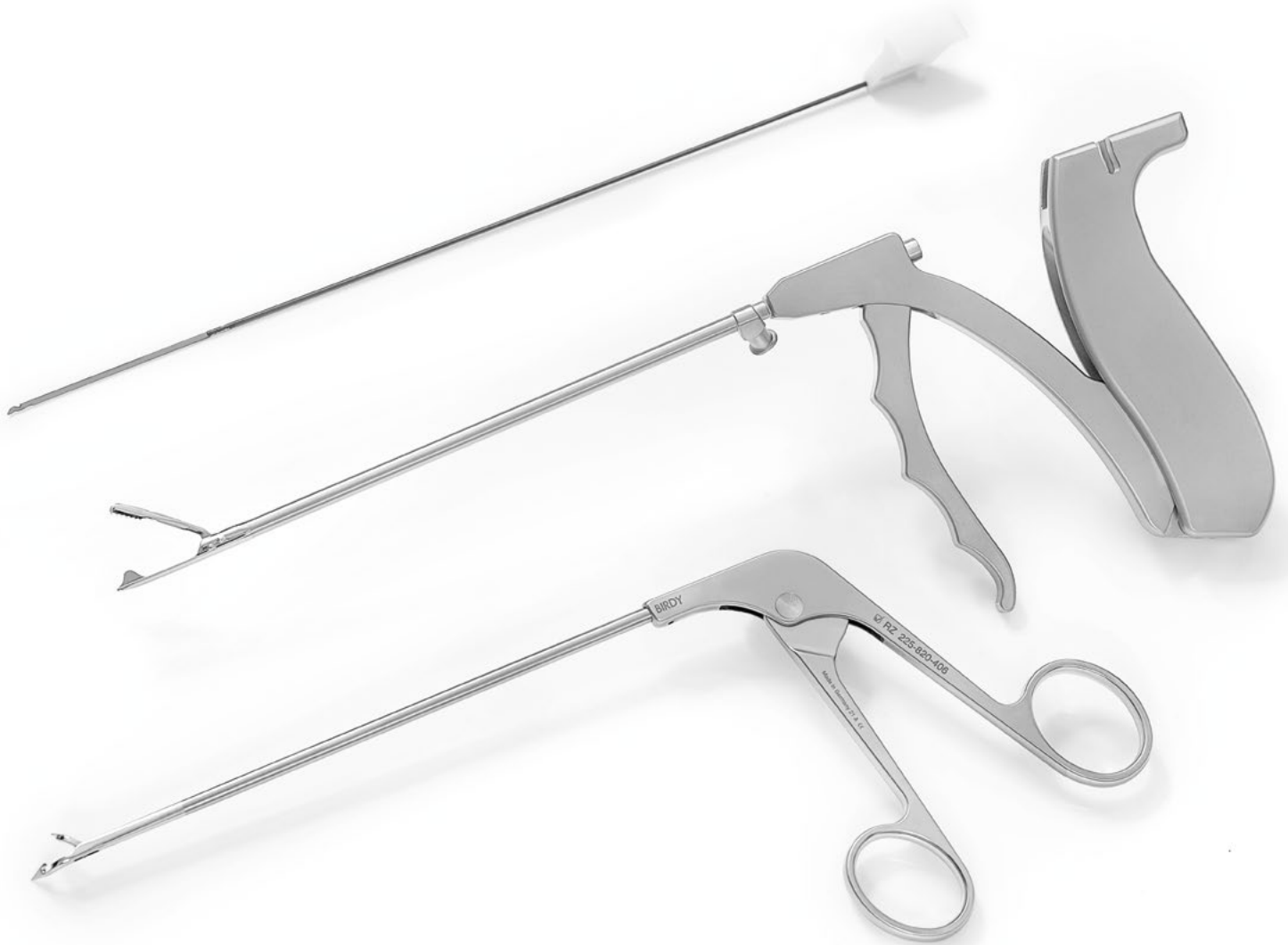
225-852-000
Irrigation syringe, 100ml



Guiding and changing rods for use with trocar sheath

- 225-865-027 ∅ 2.7mm x 230mm
- 225-865-030 ∅ 3.5mm x 230mm
- 225-865-040 ∅ 4.0mm x 230mm

SHOULDER INSTRUMENTS



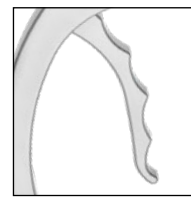
SUTURE PASSER

Simultaneously one-handed passing and retrieving of suture

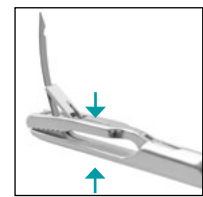
- Efficient tissue bite - wide jaw opening and deep bite
- Minimal trauma at tissue penetration
- Reusable instrument and reliable construction



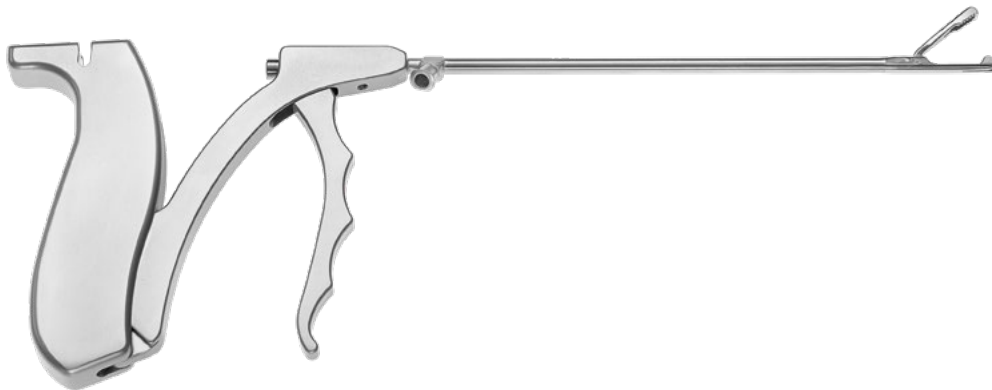
Automatic trap loop hold



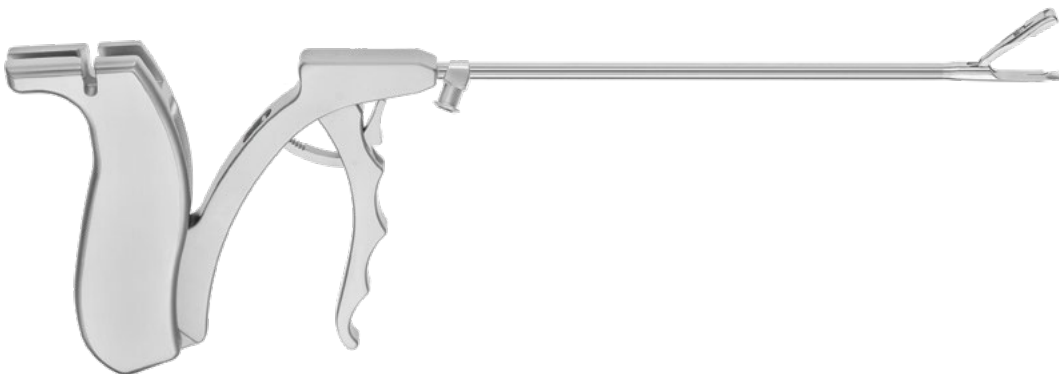
Strong grip with 4-finger trigger



Slim design



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



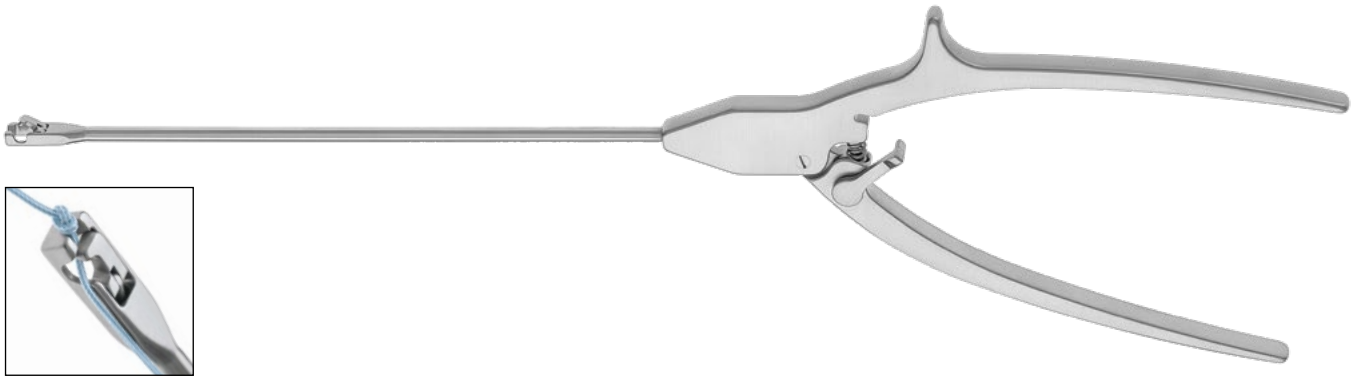
Suture Passer with trap door, frontal opening, with ratchet, 170mm working length
225-820-213



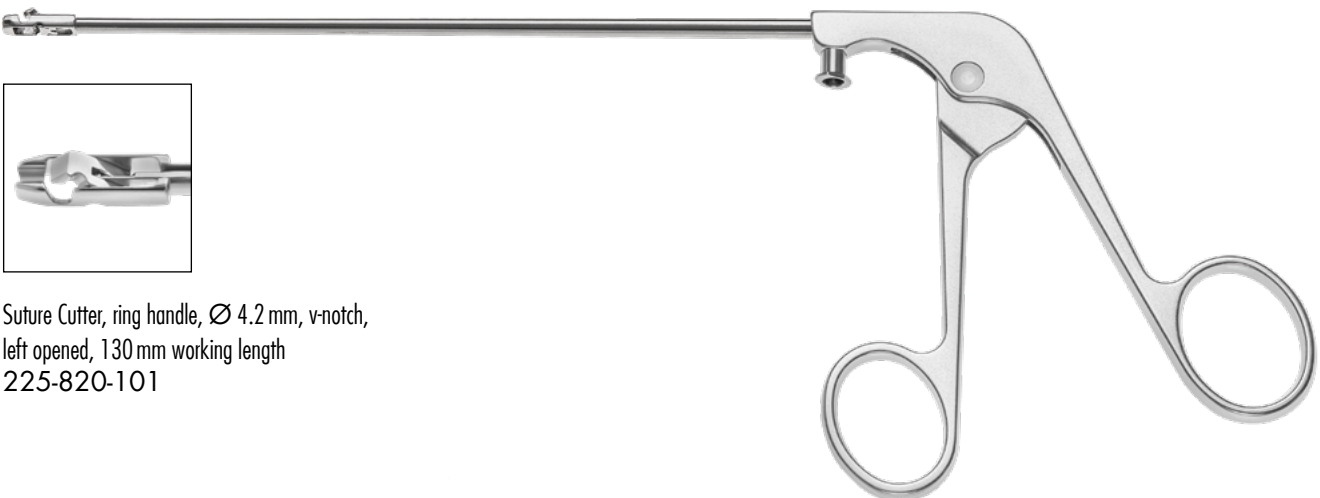
Needle with lateral opening, 0.3 x 240mm
225-820-219



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

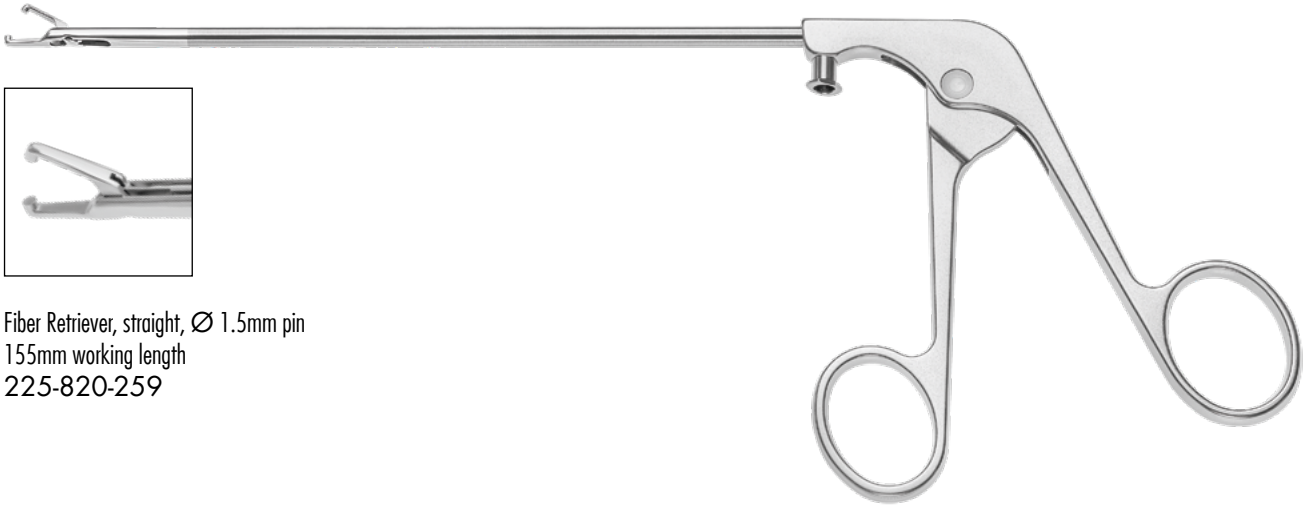


Suture Cutter, axial handle, Ø 4.2 mm, v-notch, left opened, 130 mm working length
225-820-100



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





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



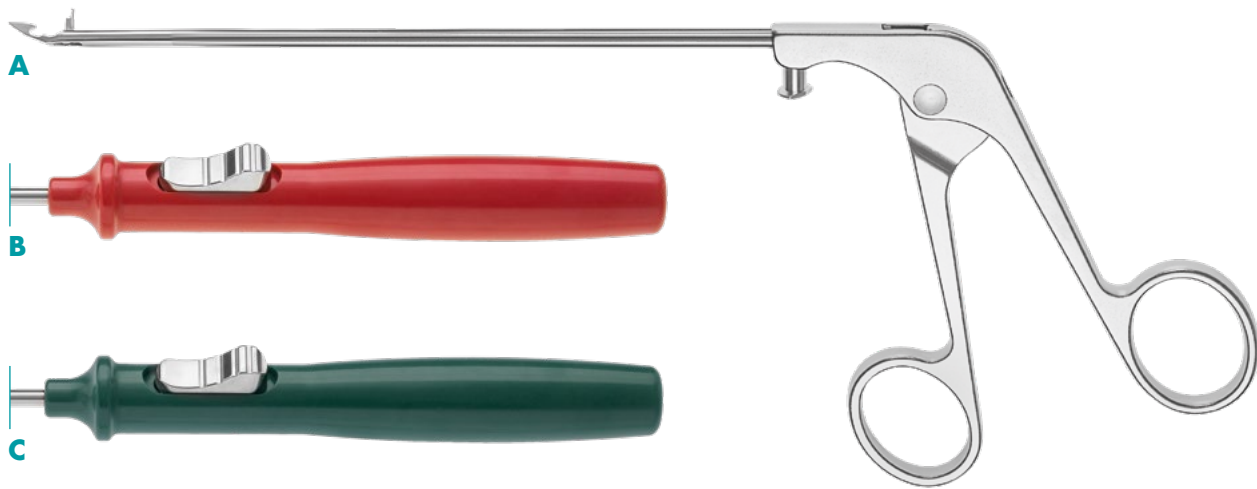
Debridement Rasp, razor sharp,
ergonomic PEEK handle
225-600-630



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

SUTURE INSTRUMENTS

For rotator and labral repair



Smart Hook



Left curved jaw

A 225-820-307

B 225-840-307



Right curved jaw

A 225-820-309

C 225-840-309

Sixer



Twisted left

A 225-820-306

B 225-840-306

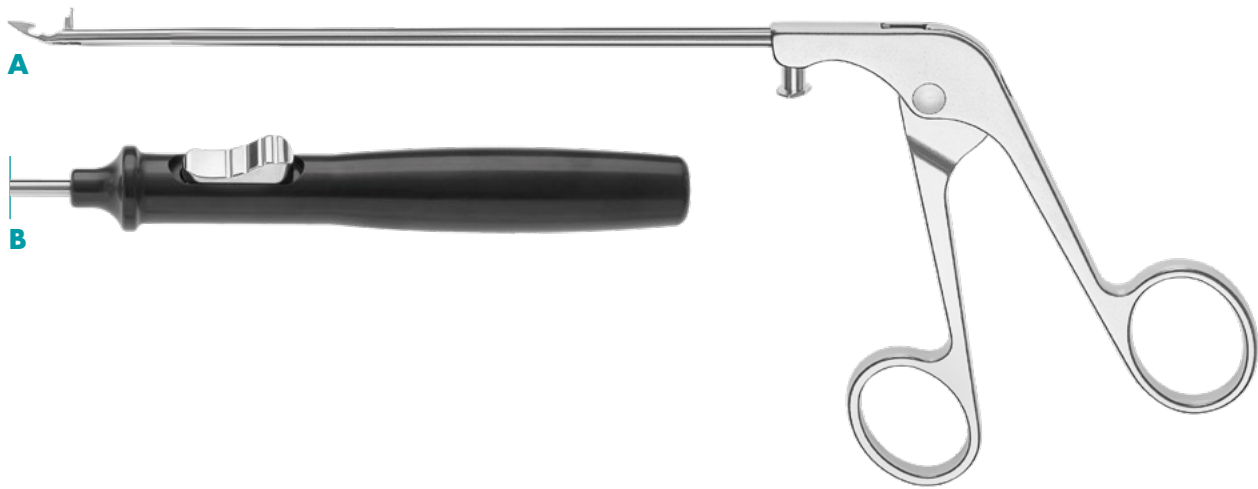


Twisted right

A 225-820-308

C 225-840-308

Birdy



Straight jaw, upcurved shaft

A 225-820-400

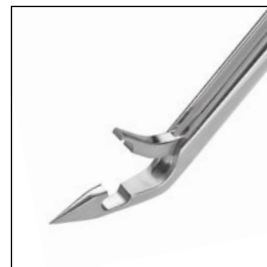
B 225-840-400



20° upwards angled

A 225-820-402

B 225-840-402



40° upwards angled

A 225-820-404

B 225-840-404



45° right angled

A 225-820-406

C 225-840-406



45° left angled

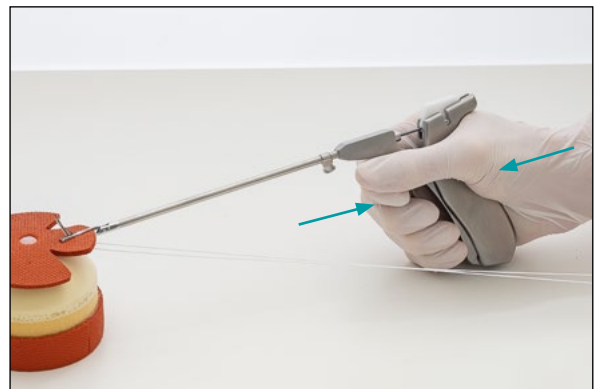
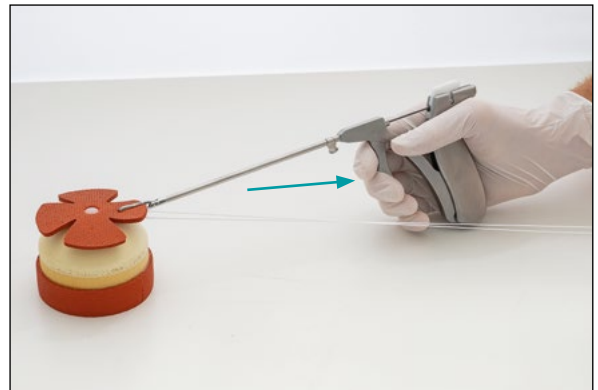
A 225-820-408

B 225-840-408



Rotator Cuff Simulator (available on request)

225-225-225



Please do not test the Suture Passer without adequate material in between the jaw.
The needle may break due to the friction.





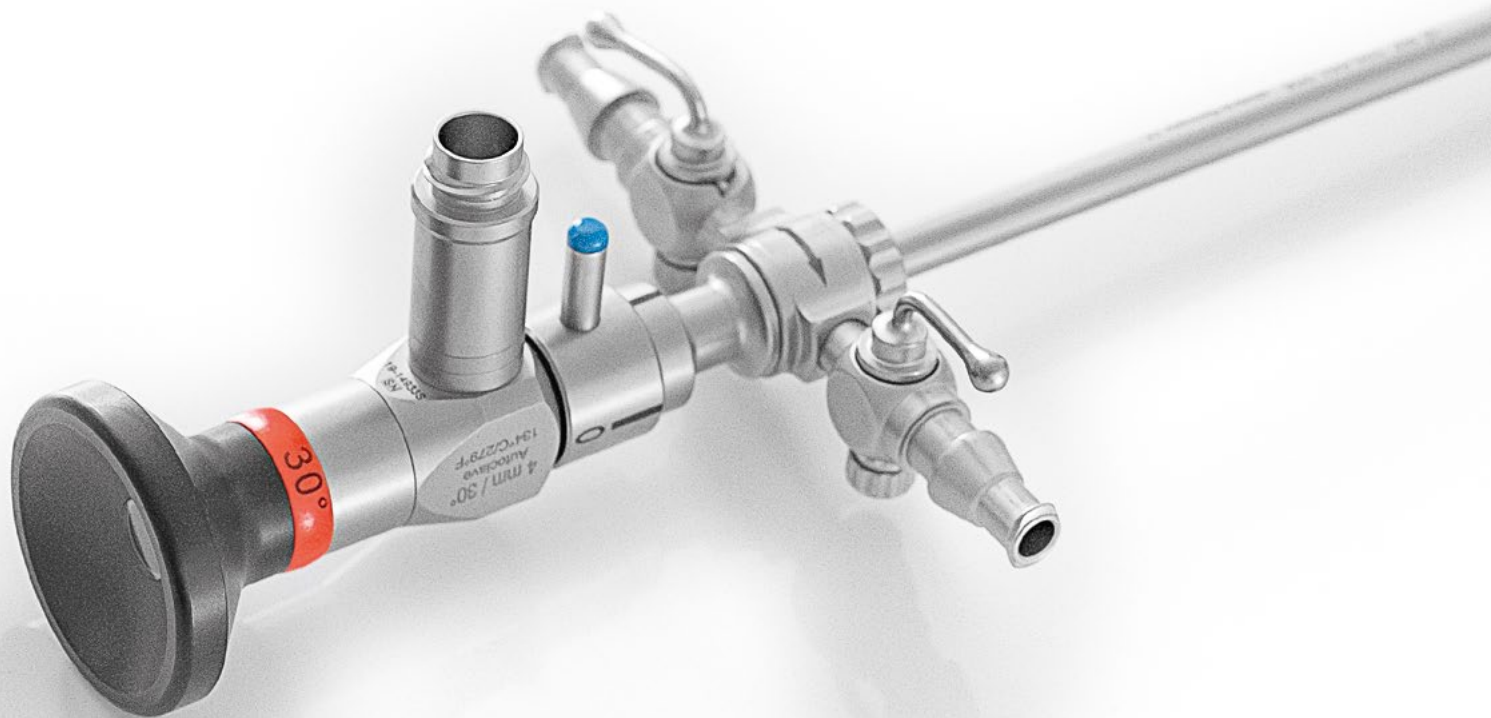
HIP

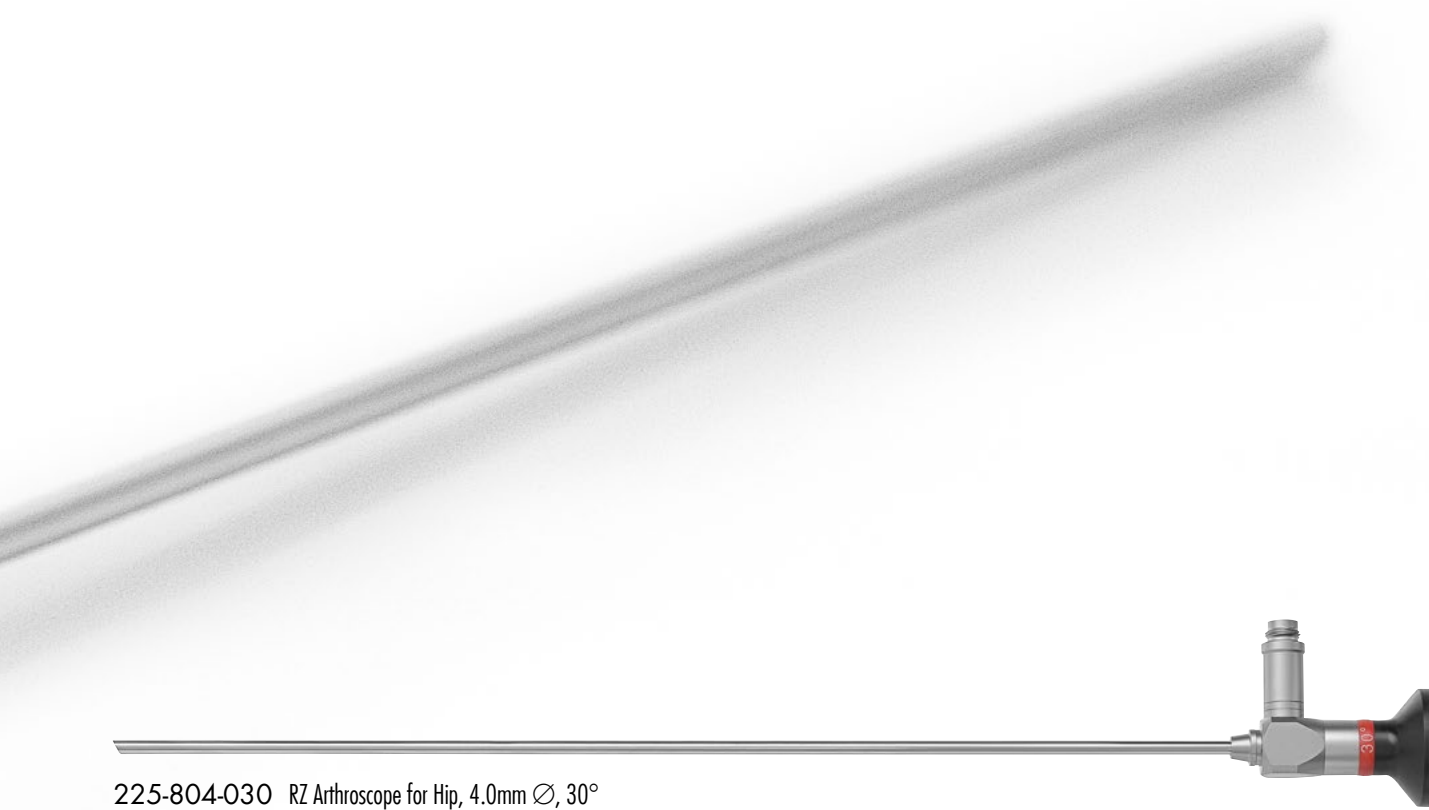
ArthFLOW® Sheath System, 270mm working length

- All RZ ArthFLOW Arthroscope sheaths feature:
- 360° rotating stopcocks – easy handling of suction/irrigation tubes
- Complete stainless steel – easy to clean
- Colour coded for easy identification of diameters
- Telescope stabilizing system – decreases the risk of damage
- For use with RZ 0°, 30°, 45° and 70° telescopes

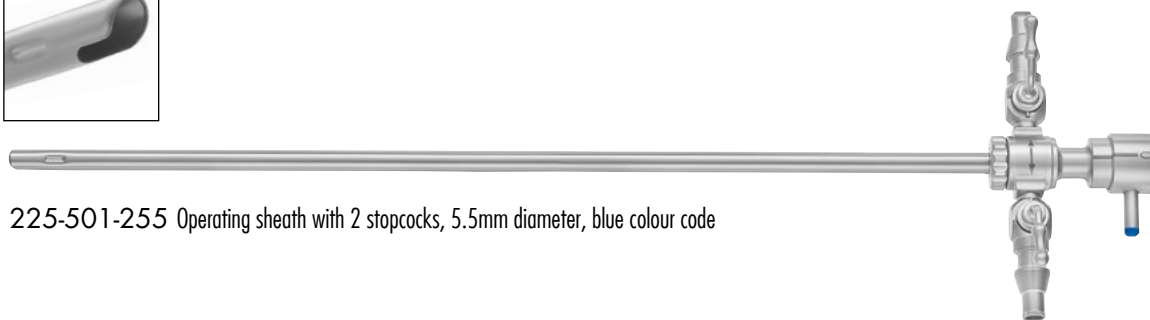


Rotating Telescope
locking

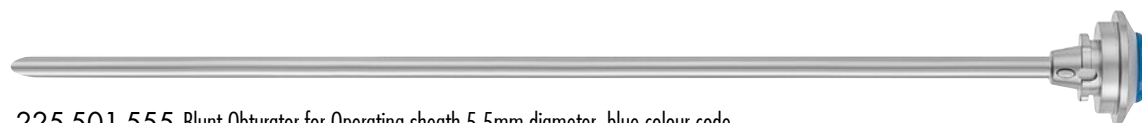




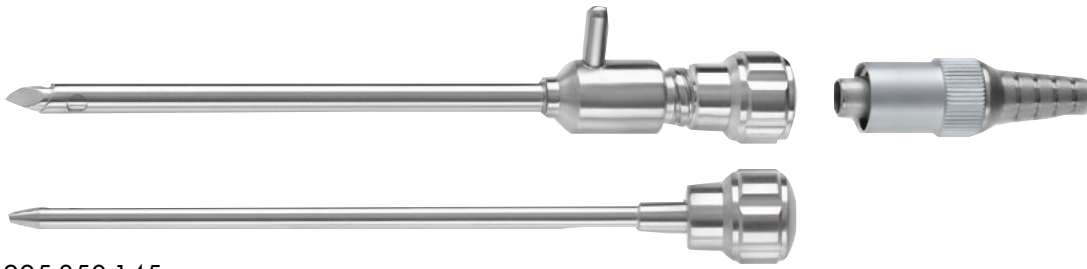
225-804-030 RZ Arthroscope for Hip, 4.0mm Ø, 30°



225-501-255 Operating sheath with 2 stopcocks, 5.5mm diameter, blue colour code



225-501-555 Blunt Obturator for Operating sheath 5.5mm diameter, blue colour code



225-850-145

Inflow-Cannula 4.5mm, complete set with shaft, trocar with sharp tip, blunt obturator and irrigation adaptor

Accessories for Suction- and Irrigation System



Irrigation Cannula set with 1 stopcock, including trocar and obturator

225-850-000 ∅ 2.3mm

225-850-001 ∅ 3.5mm



300-011-181

LuerLock tube connector 9mm



Obturator, blunt

225-850-002 ∅ 2.3mm

225-850-004 ∅ 3.5mm



300-011-506

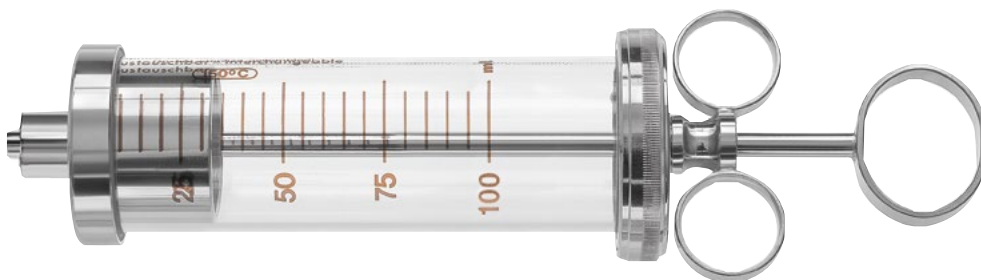
LuerLock tube connector 6mm



Obturator, sharp, 70mm working length

225-850-003 ∅ 2.3mm

225-850-005 ∅ 3.5mm



225-852-000

Irrigation syringe, 100ml



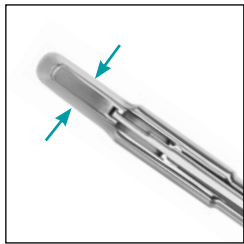
Guiding and changing rods for use with trocar sheath

225-865-027 ∅ 2.7mm x 230mm

225-865-030 ∅ 3.5mm x 230mm

225-865-040 ∅ 4.0mm x 230mm

ArthVANCE® Punches and Graspers, 220mm working length



cut size

SLIMLINE BASKET PUNCH 220mm working length

The narrow shaft and compact jaw design allows access and use in tight spaces



RING HANDLE

Straight
UpBiter

225-830-002
225-830-005

Jaw 45° Left
Jaw 45° Right

225-830-003
225-830-004



cut size

DUCKLING BASKET PUNCH 220mm working length

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



RING HANDLE

Straight (Medium)

225-830-402

UpBiter (Medium)
UpSwept (Medium)

225-830-405
225-830-411

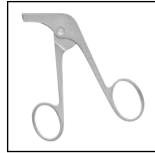




■ cut size

BACKBITER
220mm working length

Left
Right



RING HANDLE

225-830-707
225-830-709



220mm working length



RING HANDLE

■ cut size 2.2mm

■ cut size 3.4mm

2.2mm Left
2.2mm Right

225-830-955
225-830-957

3.4mm Left
3.4mm Right

225-830-965
225-830-967





SHARK GRASPER
220mm working length
With blunt 1x2 teeth and
serrated inner jaws

Straight



SLIDE LOCK RING HANDLE

225-830-820



HEAVY ALLIGATOR GRASPER
220mm working length
Long and heavy jaw with
multiple serrations

Straight



SLIDE LOCK RING HANDLE

225-830-835



All RZ Graspers come with the infinite-position,
SlideLock handle with self holding function.



CUPPED GRASPER
220mm working length
Cupped jaw with atraumatic serrations

HANDLE

3.3mm jaw



SLIDE LOCK RING

225-830-833



RONGEUR
220mm working length
Sharp Cups enable the surgeon to remove
tissue and take biopsies

Straight



RING HANDLE

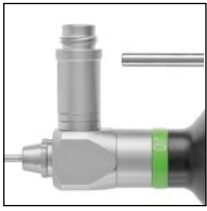
225-830-920



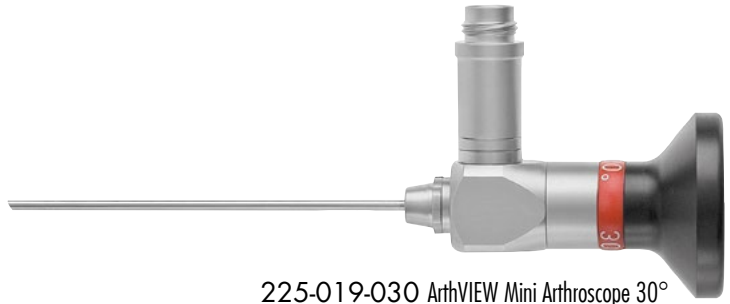


SMALL JOINT

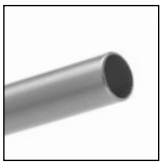
ArthVIEW® 0°, 30° Mini Telescope and ArthFLOW® Sheath System



225-019-000 ArthVIEW Mini Arthroscope 0°
1.9mm, 69mm working length
125mm overall length



225-019-030 ArthVIEW Mini Arthroscope 30°
1.9mm, 69mm working length
125mm overall length



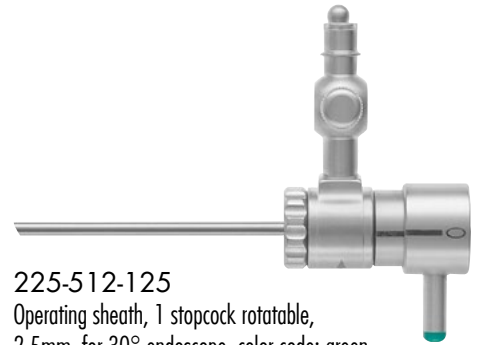
225-511-225
Operating sheath 2 stopcocks,
rotatable, 2.5mm, for
0° endoscope, color code: green



225-512-225
Operating sheath 2 stopcocks,
rotatable, 2.5mm, for
30° endoscope, color code: green



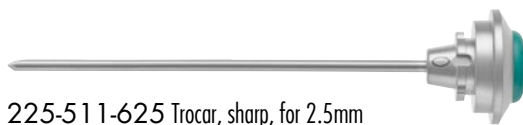
1.9
1.9mm



225-512-125
Operating sheath, 1 stopcock rotatable,
2.5mm, for 30° endoscope, color code: green



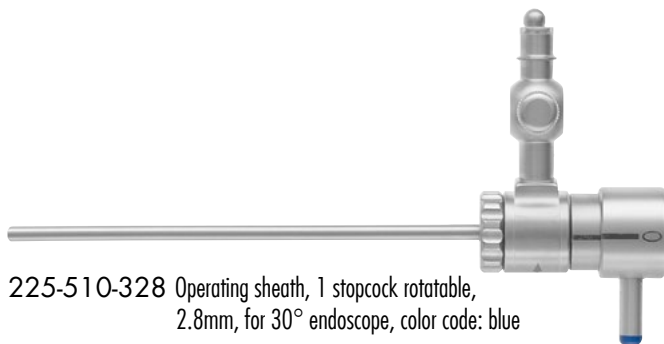
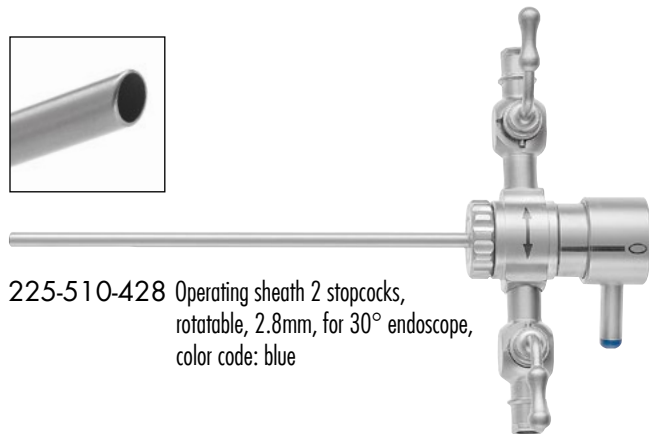
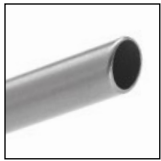
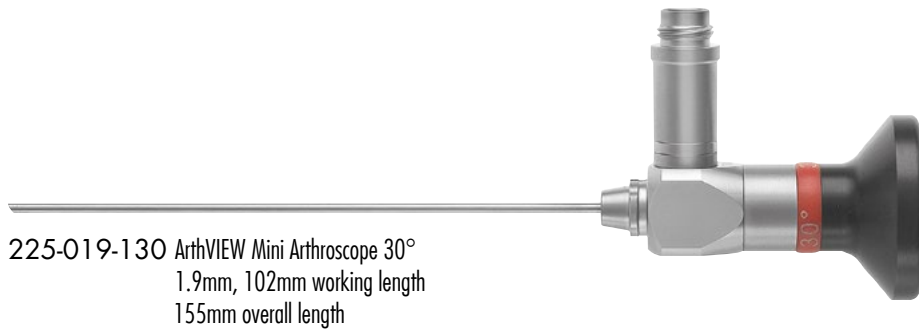
225-511-525 Obturator blunt, for 2.5mm operating
sheath, color code: green



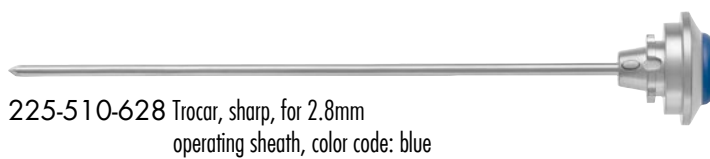
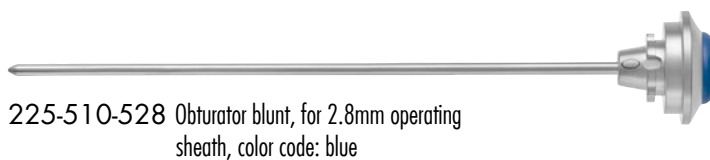
225-511-625 Trocar, sharp, for 2.5mm
operating sheath, color code: green



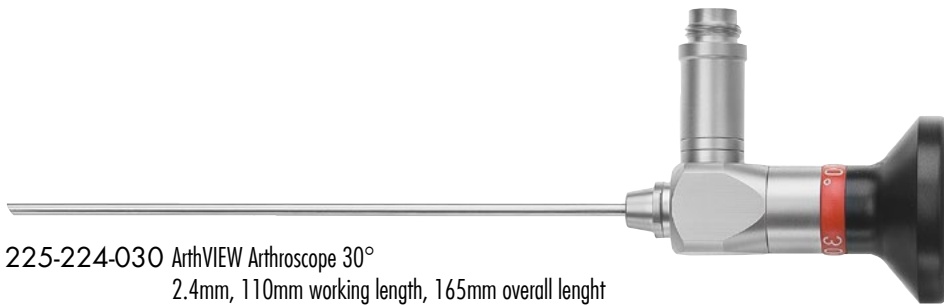
ArthVIEW® 30° Mini Telescope and ArthFLOW® Sheath System



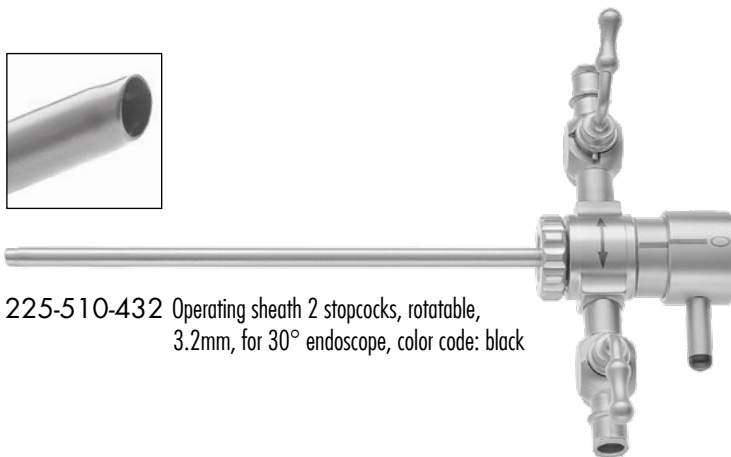
1.9
1.9mm



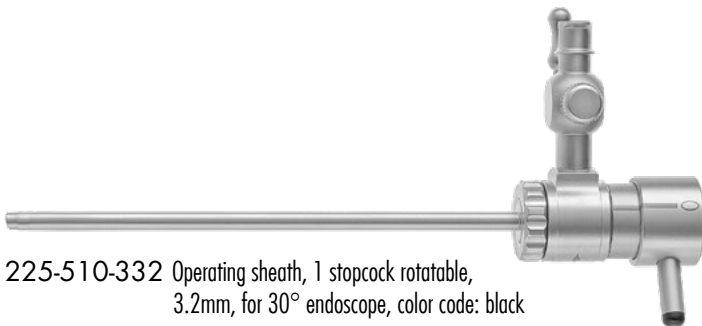
ArthVIEW® 30° Telescope and ArthFLOW® Sheath System



225-224-030 ArthVIEW Arthroscope 30°
2.4mm, 110mm working length, 165mm overall length



225-510-432 Operating sheath 2 stopcocks, rotatable,
3.2mm, for 30° endoscope, color code: black



225-510-332 Operating sheath, 1 stopcock rotatable,
3.2mm, for 30° endoscope, color code: black

2.4
2.4mm



225-510-532 Obturator blunt, for 3.2mm operating
sheath, color code: black



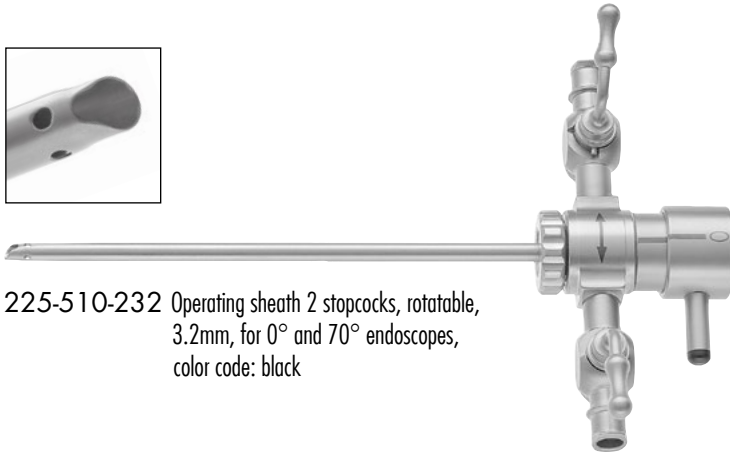
225-510-632 Trocar, sharp, for 3.2mm
operating sheath, color code: black



ArthVIEW® 0°, 70° Telescope and ArthFLOW® Sheath System

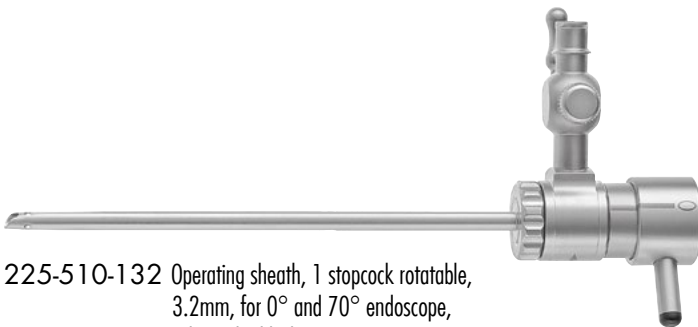


225-510-232 Operating sheath 2 stopcocks, rotatable, 3.2mm, for 0° and 70° endoscopes, color code: black



2.4
2.4mm

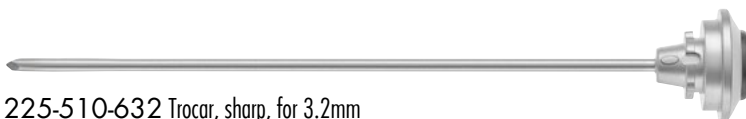
225-510-132 Operating sheath, 1 stopcock rotatable, 3.2mm, for 0° and 70° endoscope, color code: black



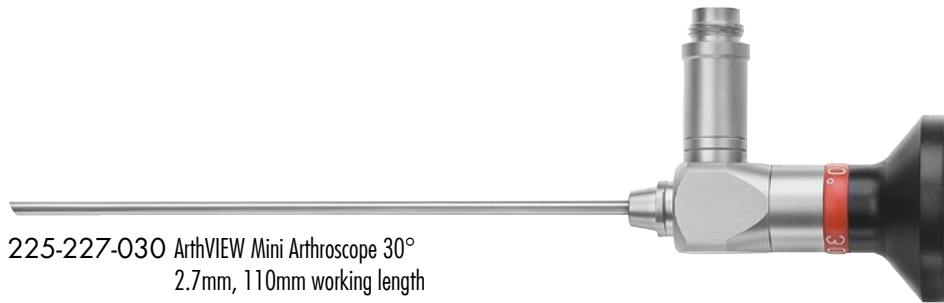
225-510-532 Obturator blunt, for 3.2mm operating sheath, color code: black



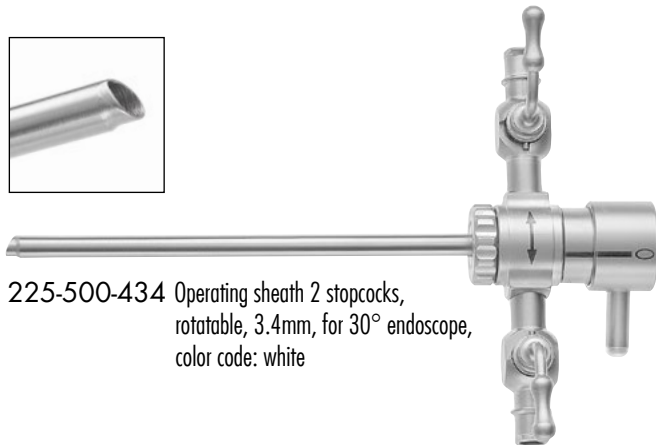
225-510-632 Trocar, sharp, for 3.2mm operating sheath, color code: black



ArthVIEW® 30° Mini Telescope and ArthFLOW® Sheath System



225-227-030 ArthVIEW Mini Arthroscope 30°
2.7mm, 110mm working length



225-500-434 Operating sheath 2 stopcocks,
rotatable, 3.4mm, for 30° endoscope,
color code: white

2.7
2.7mm



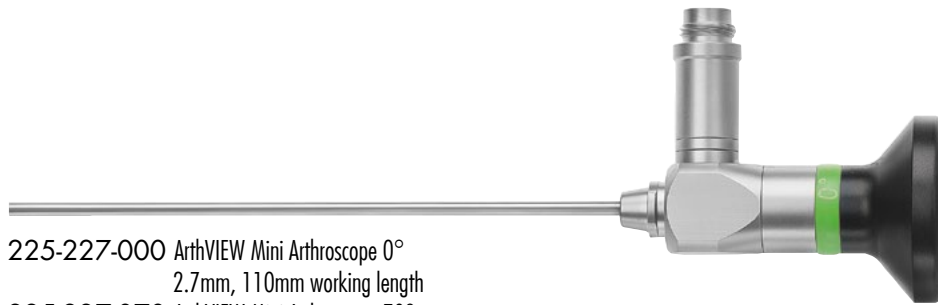
225-500-534 Obturator blunt, for 3.4mm operating
sheath, color code: white



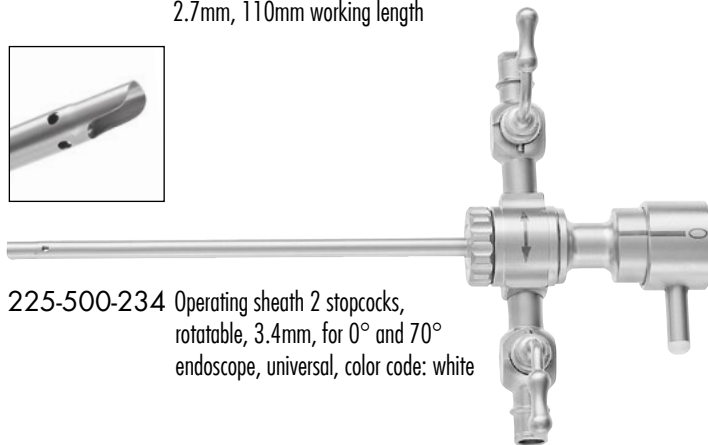
225-500-634 Trocar, sharp, for 3.4mm
operating sheath, color code: white



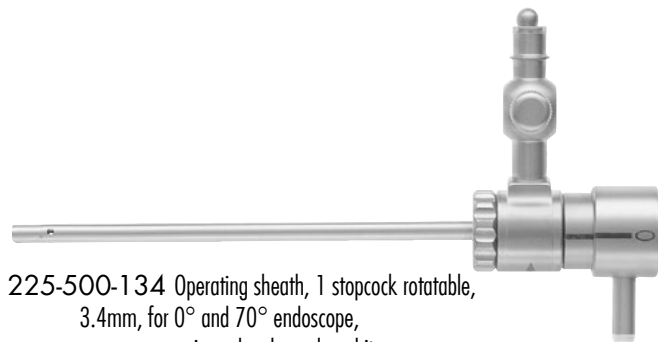
ArthVIEW® 0°, 70° Mini Telescope and ArthFLOW® Sheath System



- 225-227-000 ArthVIEW Mini Arthroscope 0°
2.7mm, 110mm working length
- 225-227-070 ArthVIEW Mini Arthroscope 70°
2.7mm, 110mm working length



- 225-500-234 Operating sheath 2 stopcocks,
rotatable, 3.4mm, for 0° and 70°
endoscope, universal, color code: white



- 225-500-134 Operating sheath, 1 stopcock rotatable,
3.4mm, for 0° and 70° endoscope,
universal, color code: white

2.7
2.7mm



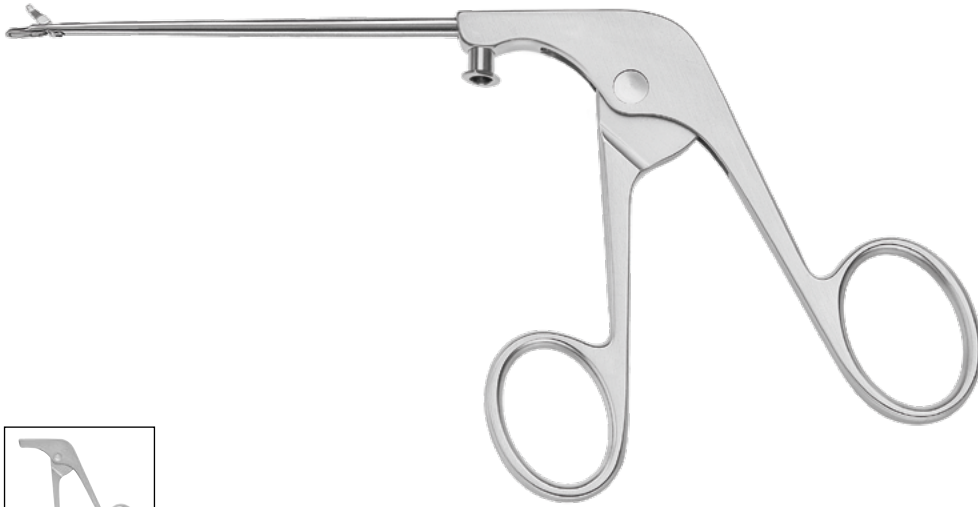
- 225-500-534 Obturator blunt, for 3.4mm operating
sheath, color code: white



- 225-500-634 Trocar, sharp, for 3.4mm
operating sheath, color code: white



Fine jaws, shorter shafts and ergonomic handles make the ArthVANCE® Mini Punches, Grasper and Rongeur a unique Small Joint Instrument Set.



RING
HANDLE

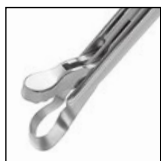


225-810-102
DUCKBILL MINI Punch cut 1.5mm, straight jaws, straight shaft

225-810-105
Upbiter

225-810-107
Straight jaws, Left curved shaft

225-810-109
Straight jaws, Right curved shaft



225-810-202
OVAL MINI PUNCH, straight jaws, straight shaft



225-810-302
BLUNT NOSE MINI Basket Punch, straight jaws, straight shaft



225-810-203
OVAL MINI PUNCH, left jaws, straight shaft



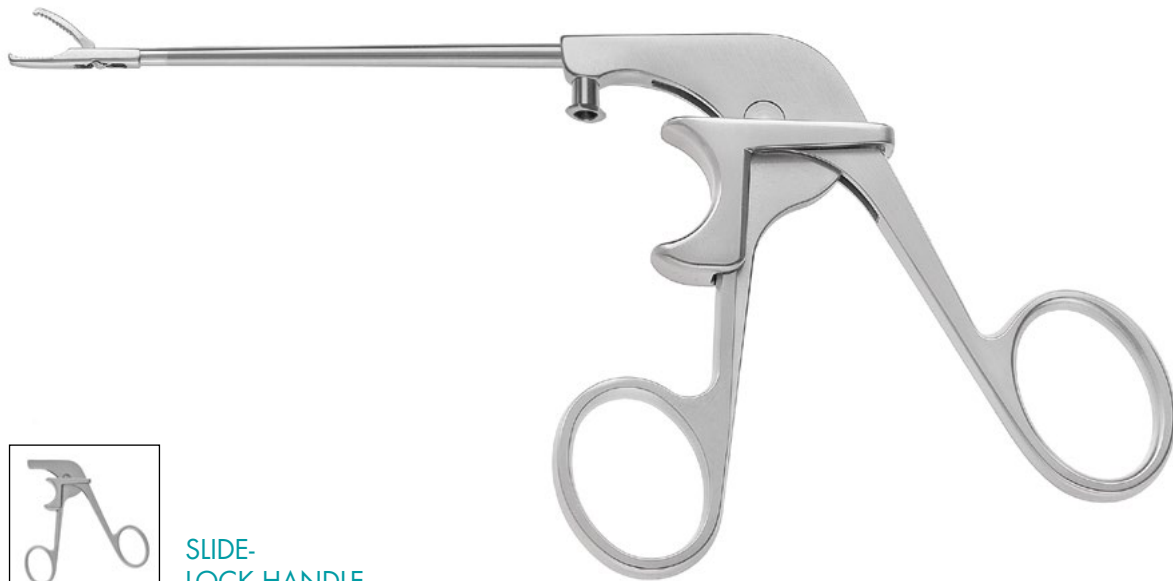
225-810-204
OVAL MINI PUNCH, right jaws, straight shaft



225-810-472
HOOK SCISSORS, straight, 2.7mm Ø



225-810-930
MINI RONGEUR, straight



SLIDE-
LOCK HANDLE



225-810-820
SHARK MINI Grasping Forceps, straight jaws, straight shaft



225-810-825
ALLIGATOR MINI Grasping Forceps, straight jaws, straight shaft



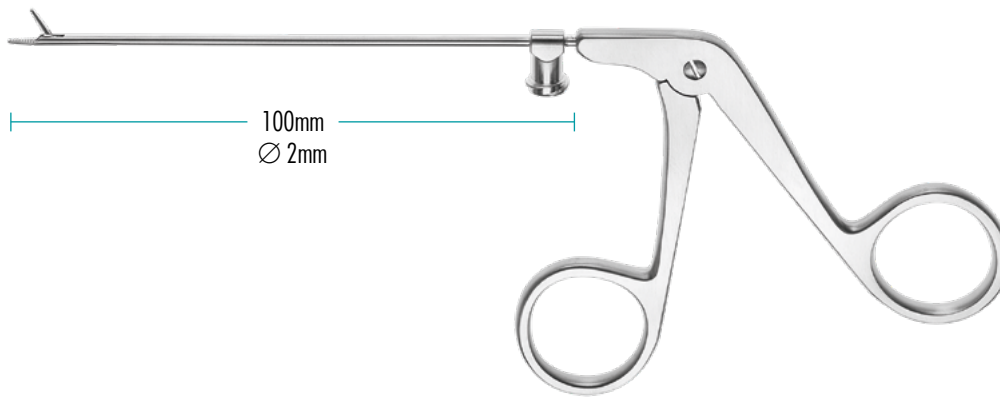
PENCIL
HANDLE




225-810-955
Side Cutter MINI Basket Punch, Left side cutting, 2.2mm



225-810-957
Side Cutter MINI Basket Punch, right side cutting, 2.2mm



 1:1
225-305-020
Mini Punch



 1:1
225-310-020
Mini Scissors,
upwards cutting



 1:1
225-309-020
Mini Grasping Forceps



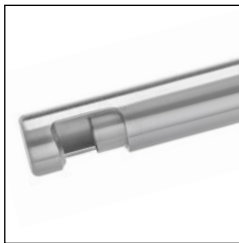
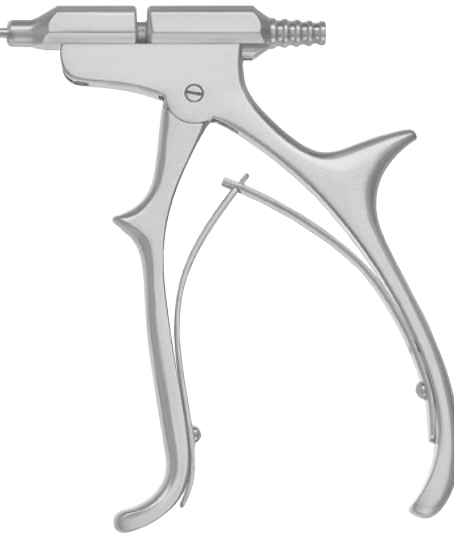
 1:1
225-311-020
Mini Scissors, short,
upwards cutting

All RZ **ArthVANCE®** Suction Punches feature an universal tube connector for simultaneous punching and evacuation of tissue, cartilage or bone parts.

225-695-027

UpBiter

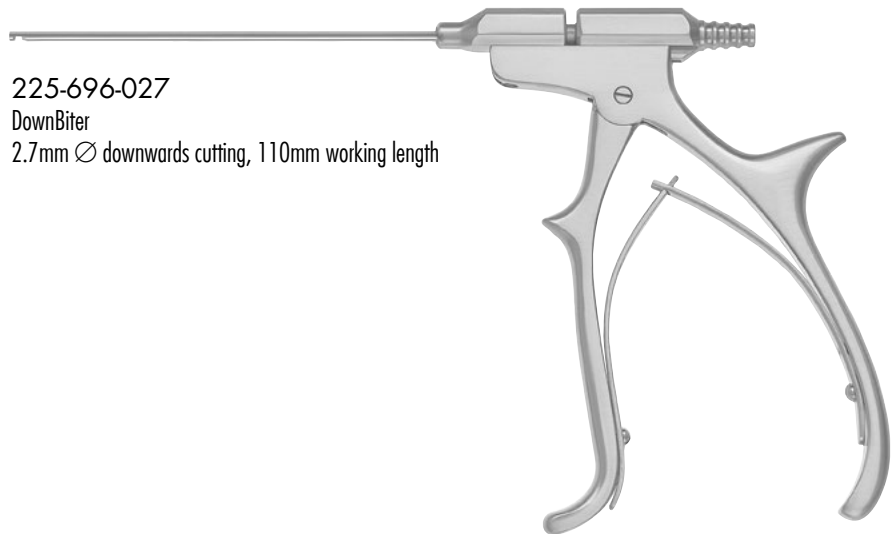
2.7mm Ø, upwards cutting, 110mm working length



225-696-027

DownBiter

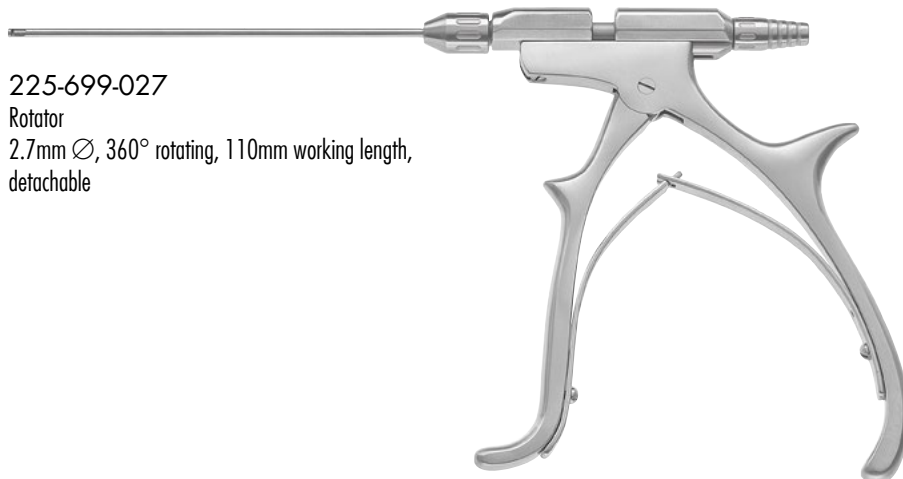
2.7mm Ø downwards cutting, 110mm working length

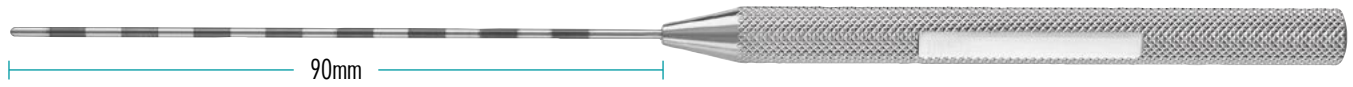


225-699-027

Rotator

2.7mm Ø, 360° rotating, 110mm working length,
detachable

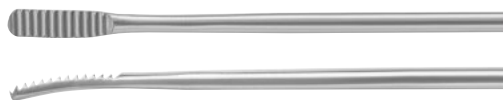




225-090-001
Exploring Probe, graduated, straight



225-090-002
Exploring Probe, graduated, curved



225-090-004
Mini-Rasp, concave jaw



225-090-005
Mini-Rasp, convex jaw



225-090-006
Mini-Knife



225-090-007
Mini-Knife



225-090-008
Mini-Knife



225-090-009
Mini-Bone Curette



Hook Probe and Retractor

225-400-102
4cm working length, 2mm hook length
90° angled hook

225-400-103
4cm working length, 3mm hook length
45° angled hook



Probe Hook, graduated, 1mm hook

225-100-115
1.5mm diameter, 75mm working length

225-100-123
2.3mm diameter, 140mm working length



225-100-004
Exploring Probe, 90° angled, Tip 1.0mm diameter, graduated, working length: 130mm, knurled handle

Hand Instruments with round, knurled handle



225-100-006
3mm Spoon, angled tip



225-100-034
Scalpel Knife



225-100-020
Smilie Menisctotme, 3mm wide,
straight cutting edge



225-100-029
Banana Knife



225-100-022
Smilie Menisctotme, 5mm wide,
straight cutting edge



225-100-038
Hook Knife, reverse cutting



225-100-023
Smilie Menisctotme 7mm wide,
curved cutting edge



225-100-041
Retrograde Knife, 45° angled blade



225-100-025
Rosen Knife, toothed blade

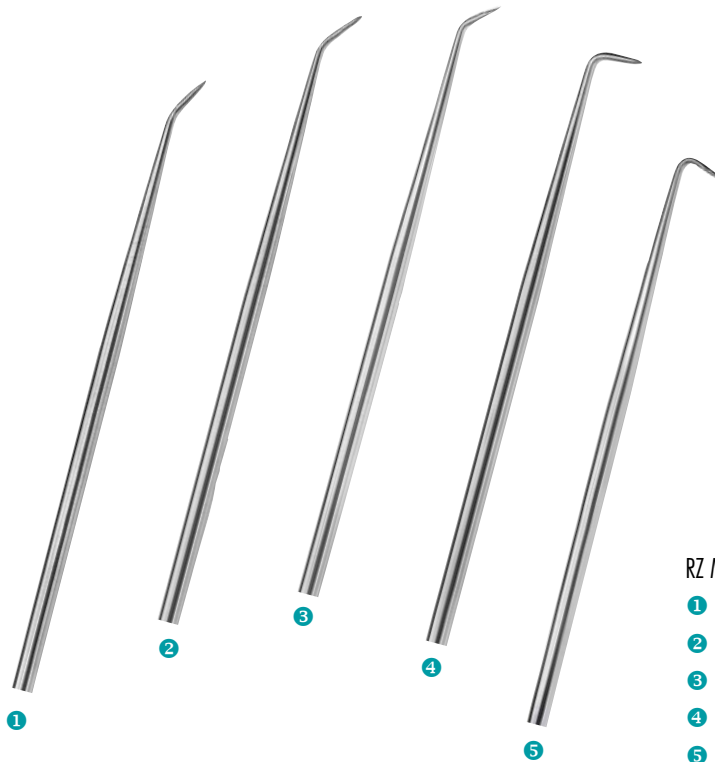


RZ MINI Chondro Picks - Micro Fracturing in Small Joints

The RZ MINI Chondro Picks feature precise and reliable working ends for efficient treatment of cartilage defects in small joints. A selection of 5 different tip angles supported by the light and ergonomic handle design gives the surgeon full flexibility in micro fracture approaches.



scale 1:1



RZ Mini Chondro Picks		
①	225-600-125	25° angled
②	225-600-145	45° angled
③	225-600-160	60° angled
④	225-600-190	90° angled
⑤	225-600-215	115° angled

Dr. Werner Distraction Device for Hand Arthroscopy

The Dr. Werner Hand Arthroscopy Device is especially designed for carpal tunnelling; also for hand surgery procedures.

Application:

The Distraction device facilitates an extension of the carpal and the metacarpophalangeal joints which is achieved either by the weight of the extremities or by an exact traction by means of a rotating wheel.

Operative Exposure:

The patient is in a lying position with the arm angled 90° towards the body.

- the wire finger grip are slipped over the fingers to hold them securely in place for the individual extension of the fingers.
- the hand surface is placed on the hand platform, which is individually adjustable in the bending direction of the carpal joint

This enables a precisely controlled distraction with a secure positioning of the carpal, metacarpal and metacarpophalangeal joints.

Treatment:

The controlled expansions are especially used for the injury treatment of the triangular fibrocartilage complex, in addition to cartilage lesions, lesions on the cartilage strictures and for osseus synthesesmosis.

Arthroscopic surgeries at the ulna head and at the discus triangularis also require a strong radial adduction.



225-100-110
Fixation device to be attached to operating table



Wire finger grip
215-000-001 small
215-000-002 medium
215-000-003 large



DEVICES

The new RZ LUMEN LED 3 PRO Light Source provides latest LED technology.

Extensive light output with pure daylight quality (approx. 6500 Kelvin) gives you the exclusive vision on all anatomical structures.

An easy-to-use turret connector helps to connect the most common cables.



LUMEN LED 3 PRO Light Source

110 - 230V

300-900-300



Turret, multi connector

- A Olympus®
- B Wolf®
- C Gyrus ACMI®
- D Storz®



Daylight quality



Strong light output
375W equivalent



Compatible to
different light cables



Delivery contains

- Light source
- Mains cable
- User manual
- BNC cable (optional)

Technical data

Mains voltage	100-240 V (130 VA)
LED module	LED CRI 90, Daylight quality, approx. 6500 K
Device protection	2x T3, 15A
LED lifetime	> 20.000h
Video in	1 x Video, BNC
Service	1 x RJ45
Protection class (Acc. IEC 60601-1)	I
Safety class	BF
Dimensions	380 x 124 x 335mm (W x H x D)
Weight	approx. 5kg



Automatic or manual light intensity control



Digital light intensity display

Order number	Description
300-900-180	LUMEN LED 1 High Intensity Light Source

LUMEN LED 1

Based on LED technology, this light source offers high illumination and low heat conduction.

Features

- 20.000h lamp lifetime
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology

Delivery contains

- Main unit
- BNC cable
- Mains cable
- User manual

Technical data

Mains voltage	100-240 V AC, 47-63Hz
Power consumption	max. 100VA (±10%)
LED lifetime	20.000h
Color temperature	6500 K
Light guide connection	RZ / STORZ compatible
Video in terminal	1 x Video (VBS)
Service	1 x RJ45
Application part type	BF
Test according to	IEC 601-1ff, EN 60601-1ff
Classification acc. 93/42/EEC	I
Dimensions	380 x 131.5 x 375.5mm (W x H x D)
Weight	approx. 8.5 kg



X7

Xe⁵⁴non

LED

300-001-308 LUMEN X7



X5

Xe⁵⁴non

300-001-305 LUMEN X5

- 2 turret adapters (revolvable)
- RZ, Storz • Wolf • Olympus • ACMI

300 Watt Xenon arc lamp
150W LED spare lamp

Power Consumption: 370 Watt

- 1 turret adapter (revolvable)
- RZ, Storz • Wolf • Olympus • ACM

300 Watt Xenon arc lamp

Power Consumption: 370 Watt

These Xenon daylight sources provide excellent illumination and a long lamp lifetime. The turret adapter enables an universal connection of the most common light guides.

Features

- Automatic light intensity control • Pure daylight quality • Easy lamp replacement • > 500hr lamp lifetime
- Mechanical diaphragm to adjust the output intensity without any influence on the color temperature

Delivery contains

- Light Source • BNC Cable • Mains Cable • User Manual



Automatic and manual light control



Lamp lifetime indicator



300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical data

Power supply	100-240 V AC, 50-60 Hz
Fuses	2 fine fuses, 5x20mm, delay acting 6.3 AT
Video In	1 x VBS (1Vpp/75Ω), BNC only)
Protection Class	I

Application part	Type BF
Classification	IEC 601-1, EN 60601-1
CE marking according to	MDD 93/42/EWG
Dimensions (WxHxD)	380 x 120 x 360 mm
Weight	approx. 11kg



X3

Xe⁵⁴non

300-001-300 LUMEN X3

300 Watt Xenon arc lamp

Power Consumption: 370 Watt

Features

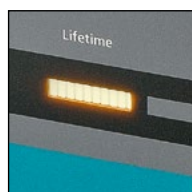
- Manual light intensity control
- Pure daylight quality
- Easy lamp replacement
- > 500hr lamp lifetime
- Mechanical diaphragm to adjust the output intensity without any influence on the color temperature
- RZ/Storz light guide

Delivery contains

- Light Source
- BNC Cable
- Mains Cable
- User Manual



Manual light intensity control



Lamp lifetime indicator



300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical data

Power supply	100-240 V AC, 50-60 Hz
Fuses	2 fine fuses, 5x20mm, delay acting 6.3 AT
Video In	1 x VBS (1Vpp/75Ω), BNC only)
Protection Class	I

Application part	Type BF
Classification	IEC 601-1, EN 60601-1
CE marking according to	MDD 93/42/EWG
Dimensions (WxHxD)	380 x 120 x 360 mm
Weight	approx. 11kg

LIGHT CABLES

Features

- Melt protection
- XENON/LED suitable
- Bending protection



Adaptor pieces for fibre light guide to use with **light source**

XENON light guide, without adaptor pieces

- | | |
|-------------|-------------------|
| 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 |



250-039-000 RZ/Storz



250-037-000 Wolf



250-038-000 ACMI/British Standard
CUDA



250-044-000 Olympus



250-048-000 Luxtec



250-045-000 Olympus - Standard



250-051-000 Stryker



250-052-000 Heine



250-042-000 RZ/Storz/Olympus



250-040-000 Wolf



250-041-000 ACMI/British Standard



250-059-000 Pentax

Adaptor pieces for fibre light guide to use with **endoscope**



COMPATIBILITY NOTE:

A fiber optic cable with a bigger diameter should not be connected to a smaller diameter scope.
For example: a ∅ 4.8mm fiber optic cable adapted to a ∅ 2.9mm or ∅ 4mm endoscope may lead to burning at the light entry of the endoscope and even endanger the patient.



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

4K 3-Chip UHD Camera

Features:

- 4K UHD resolution with 3-Chip technology
- Image algorithms enhancement of color and structure
- True natural colors for excellent live surgery imaging
- Recording function (video and picture)
- Camera head with 4 push buttons
- Boost function
- Zoom, freeze, fog reduction
- 10 USER modes configurations
- Multilingual menu
- SDI 4K Output

Delivery contains

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

4K

Ultra High Definition Quality
3840 x 2160 PIXELS



Recording function on USB pen drive



Camera head with 4 raised push buttons



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



300-001-031
UHD 4K Monitor, 31", 4096 x 2160 pixels resolution



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

Technical data

Mains voltage	100-240 V, 50-60 Hz
Power Consumption	60 VA
Sensor	3 MOS
TV resolution	3840 x 2160 pixels (4K)
Image resolution	1600 TV lines
Index ratio	16:9
S/N ratio	54dB

Video outputs:	1x HDMI 4K 1 x HDMI Full HD 1x SDI 4K 1x SDI Full HD
Dimensions	Control unit: 355 x 103 x 350 mm (WxHxD); Weight 6.2 kg
Camera Head	145g



Full HD recording function (F4 only)



USB pen drive included (F4 only)



Ergonomic high-end camera head included

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

FULL HD

3 Chip HD-Camera (F3)

The Full HD camera system generates crystal clear images of highest resolution with 1920 x 1080 pixels. The latest MOS technology produces pure natural colors for safe and unequivocal diagnoses. A user-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences.

The ergonomic camera head features 3 remote control buttons which can be programmed by the user as required during surgery. A multitude of digital video outputs allows the best possible picture transmission to the medical grade monitors.

3 Chip HD-Camera (F4)

The F4 camera system additionally includes Full HD recording function. Pictures and videos can be stored easily on a USB pen drive.

Delivery contains

- Main unit
- Camera head
- HDMI-DVI cable
- HDMI cable
- S-Video cable
- Mains cable
- User manual
- USB pen drive (F4 only)

Features (F3)

- Full HD-Camera with latest 3-MOS technology for brilliant picture quality
- Pure Natural Colors technology
- Multitude of digital video outputs for best possible picture transmission to medical grade monitors
- Ergonomic camera head with 3 programmable remote control buttons
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences

Features (F4)

- Full HD 60fps video recording
- Full HD image saving
- USB pen drive included
- Text generator (optional with keyboard)



FULL HD



300-001-616 (optional) Title generator keyboard, waterproof IP68, US-Layout, USB Connector, cable 1.8m, Color: grey, 305x140x15mm, 600gr.



300-001-610 (optional) Footswitch for HD Cameras, cable length: 2m

300-001-802 (included) High-End 3-MOS Camera Head Full HD 1920 x 1080p

Technical data

Camera head	Aspect ratio: 16:9 Image sensor: 3 MOS Immersible (using the attached cap)
System	Image resolution: Full HD 1920 x 1080 TV resolution: > 1000 lines, horizontal Min. Sensivity: < 3 lux (1/1.4) White balance automatically, with data hold Shutter speed: 1/50 (1/60) to 1/100.000 sec Power supply: 100/240 VAC, 47-63 Hz Power consumption: 20VA (~20W) Fuses: 2 Fine fuses, 5x20 mm, delay acting 3,15 AH (I=1500A)

Technical data

Video recording (F4 only)	Video format: Full HD 1920x1080p / Mpeg4 (H.264) / Frame rate: 60 fps Image format: JPG (1920x1080)
Video out (digital)	2x HD SDI, 1x HDMI/DVI
Video out (analogue)	1x YPbPr/RGB, 1x Y/C (Pal/NTSC), 1x CVBS (Pal/NTSC)
Recording connection	1 x USB A (only F4)
Standards	Classification acc. 93/42/EEC: I Protection class: I Application part type: BF Protection type: IP21 EMC classification: 1B
Dimensions	Control unit: 380 x 131.5 x 375.5 mm (WxHxD); 11 kg Camera head: Ø 38.5mm, length: 81mm, 145g



Full HD recording function
(F2 Pro only)



USB pen drive included
(F2 Pro only)



Ergonomic high-end
camera head included

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

FULL HD

HD-Camera F1

The F1/F2 camera systems fulfill the need of high resolution in video endoscopic surgery. Thanks to Full HD resolution cristal-clear images with highest attention to detail is combined to allow better diagnostics and more efficient surgery.

HD-Camera F2 PRO

The F2 Pro camera system has additionally a Full HD recording function. Pictures and videos can be stored easily on a USB pen drive.

Delivery contains

- Main Unit
- Camera head
- HDMI - DVI cable
- HDMI cable
- S-Video cable
- RGB-Cable
- BNC cable
- Mains cable
- Operating manual
- USB pen drive (F2 Pro only)

Features F1/F2

- Pure Natural Colors technology
- Multitude of digital video outputs for best possible picture transmission to medical grade monitors
- Ergonomic camera head with 3 programmable remote control buttons
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences

Additionally features F2 PRO

- Full HD 60fps video recording
- Full HD image saving
- USB pen drive included
- Text generator (optional with keyboard)



300-001-602 High-End 1/3" MOS Camera Head Full HD 1920 x 1080p (included)

FULL HD



300-001-616 Title generator keyboard, waterproof IP68, US-Layout, USB Connector, cable 1.8m, Color: grey, 305x140x15mm, 600gr. (optional)



300-001-610 Footswitch for HD Cameras, cable length: 2m (optional)

Technical data

Camera head	Aspect ratio: 16:9 Image sensor: 1/3" MOS Immersible (using the attached cap)
System	Image resolution: Full HD 1920 x 1080 TV resolution: > 1000 lines, horizontal Min. Sensivity: < 3 lux (1/1.4) White balance automatically, with data hold Shutter speed: 1/50 (1/60) to 1/100.000 sec Power supply: 100/240 VAC, 47-63 Hz Power consumption: 20VA (~20W) Fuses: 2 Fine fuses, 5x20 mm, delay acting 3,15 AH (I=1500A)

Technical data

Video recording (F4 only)	Video format: Full HD 1920x1080p / Mpeg4 (H.264) / Frame rate: 60 fps Image format: JPG (1920x1080)
Video out (digital)	2x HD SDI (optional), 1x HDMI/DVI
Video out (analogue)	1x YPbPr/RGB, 1x Y/C (Pal/NTSC), 1x CVBS (Pal/NTSC)
Recording connection	1 x USB A (only F2 Pro)
Standards	Classification acc. 93/42/EEC: I Protection class: I Application part type: BF Protection type: IP21 EMC classification: 1B
Dimensions	Control unit: 380 x 131.5 x 375.5 mm (WxHxD); 11 kg Camera head: Ø 34mm, length: 78mm, 105g

TV COUPLER



300-001-823 f=14mm
 300-001-824 f=25mm
 300-001-825 f=28mm
 c-mount, soakable,
 4K and FullHD compatible

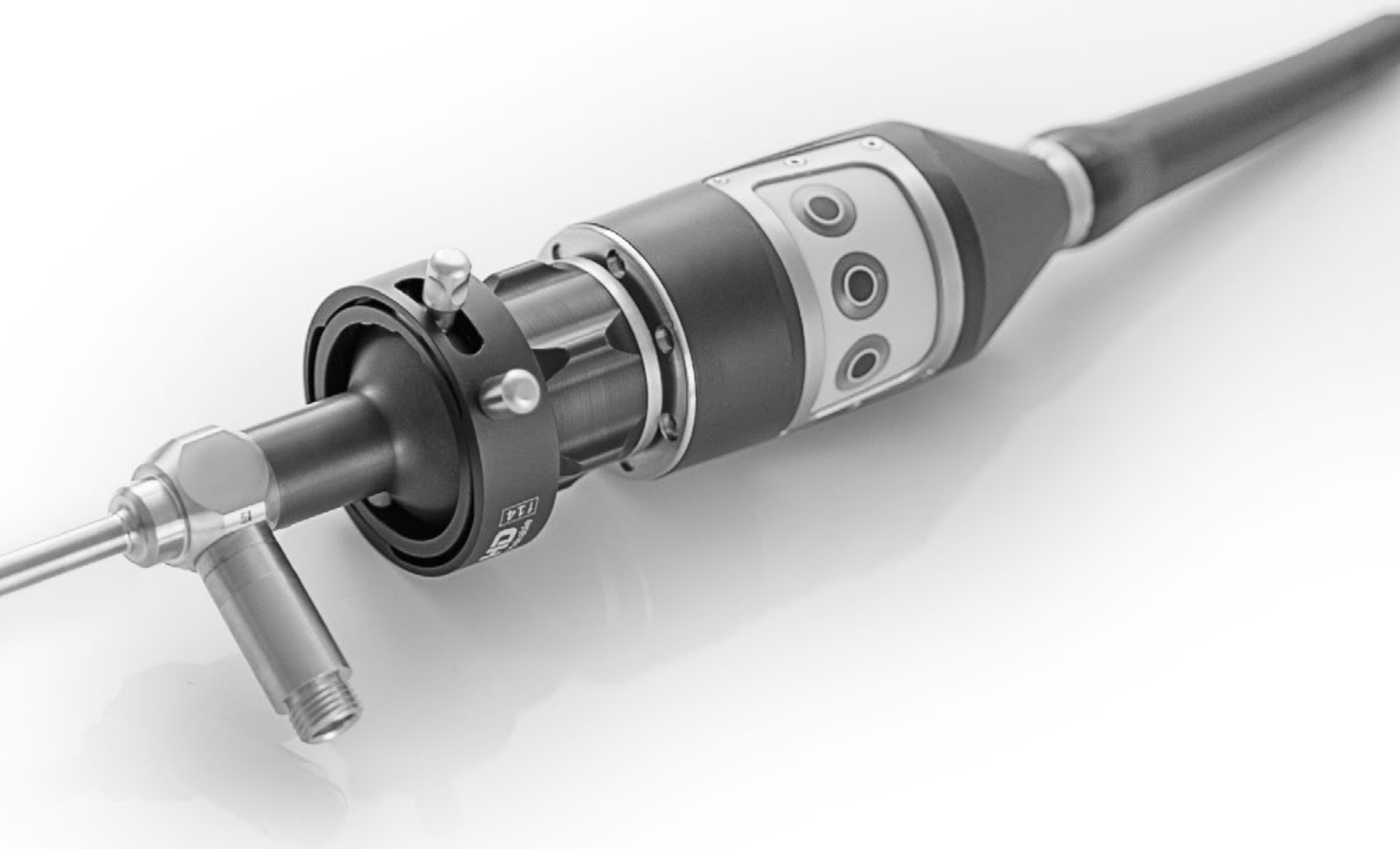


250-015-030
 Zoom-TV-Adapter
 f=15 - 30mm
 c-mount, soakable,
 4K and FullHD compatible



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, Full HD

4K FULL HD



RZ MEDIA WORKSTATION Innovative Documentation System – the stand alone “all in one” solution

Sophisticated users get a comprehensive tool for creating, documenting and archiving of videos, pictures and findings.

An extensive set of tools gives the ability for easy creation of individual and complex findings reports. Easy integration into IT-environment ensures an optimal workflow. The database provides long-term availability of picture findings with almost no capacity limitation.

Diagnostics & Results

- Recording of videos and pictures
- PACS support DICOM worklist/store
- Playing videos with abstraction of individual images
- Manual input of comments and markers for sessions and recordings
- Graphical markers with individual comments
- Creation of reports incl. patient information, pictures, videos and comments
- Full-text search in data base
- User management including import, adaption and export of patients
- LIVE OR communication via e.g. Zoom, Skype or Teams
- Hospital Safety guidelines (Windows based network and firewall)



Documentation System 21" touch

300-001 - 199 OR version with DICOM worklist
300-001 - 198 without DICOM worklist



225-906-000 Irrigation Pump P1

This unit offers all functions for irrigation in arthroscopy surgery including hydrostatic pressure regulation.

Features

- Hydrostatic pressure regulation
- Silicone tubing set included (225-910-001)
- Easy to operate, splash-proofed display
- Highly reliable tube guide and handling
- Skid-proof pedestals

Accessories

351-100-201	Irrigation tubing set, silicone, autoclavable	non-sterile	included
351-100-202	Irrigation tubing set, PVC, 20 pieces, daily tube	sterile	optional
351-100-206	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional

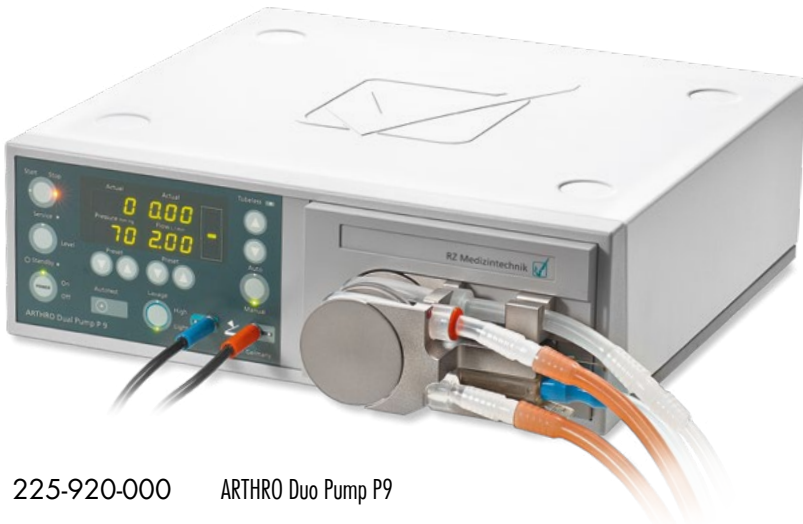
Delivery contains

- Pump Device
- Tubing Set
- Mains Cable
- 2 Spare Fuses

Technical data

Line Voltage	100-230 V/AC - Fuse T 3.15 A L 250 V
Frequency	50-60 Hz
Power Input	60 VA
Device Type acc. to DIN EN 60601-1:2005	BF
Classified acc. to EG-Guidelines 93/42/EEC	Ila
Safety Class acc. to DIN EN 60601-1:2005	I
Manufactured and tested according to	DIN EN 60601-1:2005
Radio interference suppression	DIN EN 60601-1-2:2007

Irrigation Power	0 - 1.0 l/min
Pressure Range	10 - 150mm Hg
Operating Conditions	+10 to +40°C Relative humidity of air: 30 - 70%
Storage and transport conditions	+40°C to +70°C Relative humidity of air (not condensed): 10 - 90%
Splashproofed	IPX 1
Registration	CE 1253
Measurements	380 x 130 x 400 mm (WxDxH)
Weight	ca. 11kg



225-920-000 ARTHRO Duo Pump P9

P9 is a fluid irrigation/suction pump to be used in arthroscopy for diagnostic and therapeutic purposes. Suction function is fully integrated. By continuously aspirating fluid from the joint P9 provides maximum irrigation flow rate at low pressure. Hydrostatic pressure compensation procedure ensures correct pressure control. The double footswitch allows triggering of lavage and suction function easily.

Features

- High-End Suction-Irrigation Pump for advanced arthroscopic procedures
- Automatic adjustment of suction flow according to preset irrigation flow and actual pressure to prevent the joint from collapsing
- Lavage function
- Double Foot Switch

Delivery contains

- Pump device
- Suction and irrigation tubing set
- Double Footswitch
- Mains cable
- 2 Spare fuses
- Operating Manual

Accessories

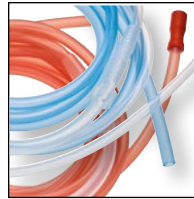
225-920-001	Suction + Irrigation tubing set, silicone, autoclavable (225-920-002/-003)	non-sterile	included
225-920-002	Tubing Set „Suction“, silicone, autoclavable	non-sterile	optional
225-920-003	Tubing Set „Irrigation“, silicone, autoclavable	non-sterile	optional
225-910-002	Irrigation tubing set, PVC, 20 pieces, daily tube	sterile	optional
225-910-003	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional
225-920-005	Double Footswitch	non-sterile	included



Double footswitch included



Lavage function provides increased flow for a short time to irrigate the joint fast and intensely. It is activated by footswitch. When Lavage time is expired, pump will automatically return to previous operating parameters.



225-920-001
Tubing Set included

Technical data

Line Voltage	100-230 V/AC - Fuse T 3.15 A L 250 V
Frequency	50-60 Hz
Power Input	60 VA
Device Type acc. to DIN EN 60601-1:2005	BF
Classified acc. to EG-Guidelines 93/42/EEC	Ila
Safety Class acc. to DIN EN 60601-1:2005	I
Manufactured and tested according to	DIN EN 60601-1:2005
Radio interference suppression	DIN EN 60601-1-2:2007

Irrigation power	0 - 2.5 l/min
Suction power	0 - 1.0L/min
Pressure range	10 - 200mm HG
Storage and transport conditions	+40°C to +70°C Relative humidity of air (not condensed): 10 - 90%
Splashproofed	IPX 1
Registration	CE 0297
Measurements	380 x 130 x 400 mm (WxHxD)
Weight	ca. 11kg



Order number	Description
300-001-168	Endovue 32" HD Monitor
300-001-158	Endovue 24" HD Monitor
Technical data	
Screen size	32" / 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)



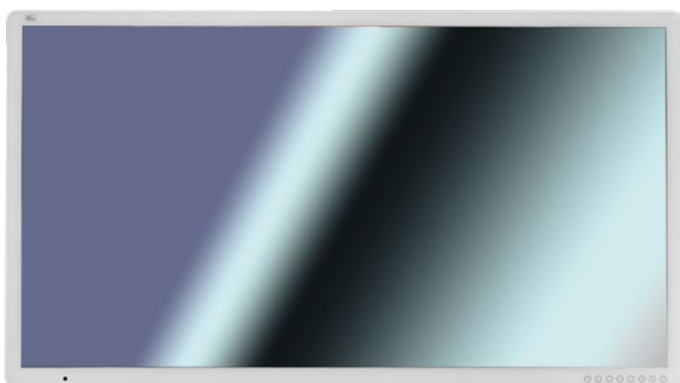
Order number	Description
300-001-232	Radiance 32" HD Monitor
300-010-226	Radiance 27" HD Monitor
Technical data	
Screen size	32" / 27" diagonal
Resolution	1920 x 1080
Aspect ratio	16:9
Viewing angle	178°
Numbers of colors	1.07 Billion (10-bit)
Video Inputs	DVI-I and 3G-SDI Input/Output
Video Outputs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



Order number	Description
300-001-031	UHD 4K Monitor, 31"

Technical data

Screen size	31" diagonal
Resolution	4096 x 2160
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



Order number	Description
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 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



300-001-999
 Dimensions: 1600mm x 500mm x 625mm
 with rollers \varnothing 125mm, complete

The RZ Trolley 300-001-999 is the universal solution for all applications. A range of diagnostic instrumentation, treatment and measuring equipment, plus PCs, eg. with monitor arm or infusion stand and gas bottles.



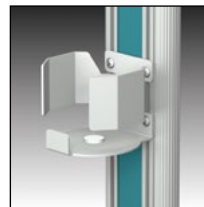
Modular, easy changeable setup



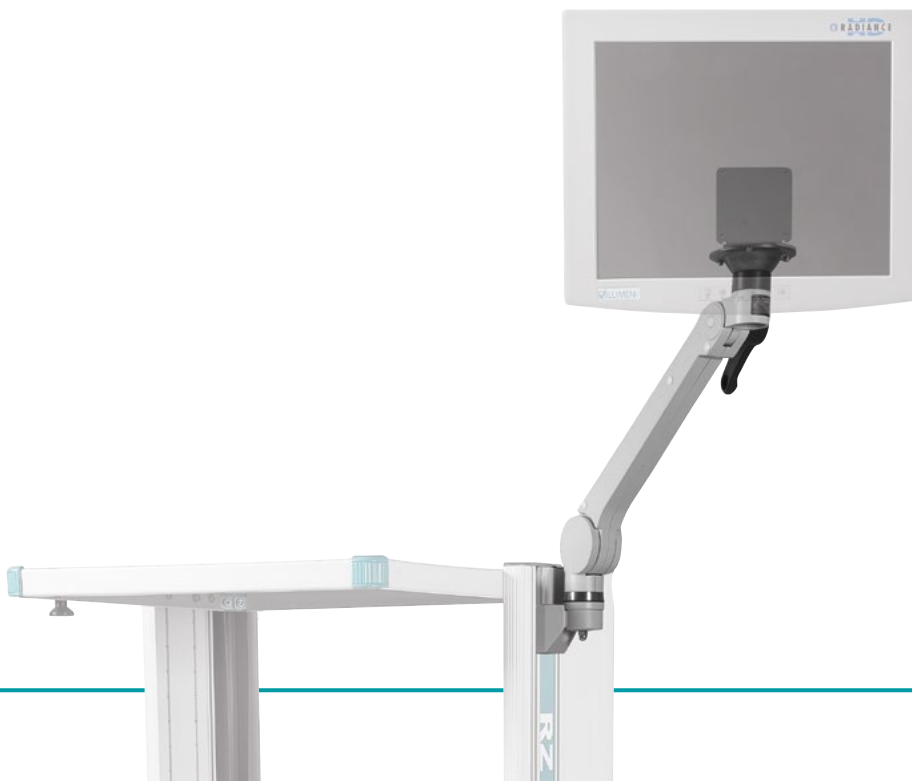
Optional: Keyboard holder



Optional: Camera head holder



Optional: CO2 Bottle holder



300-001-988
 Hydraulic monitor holding
 400mm

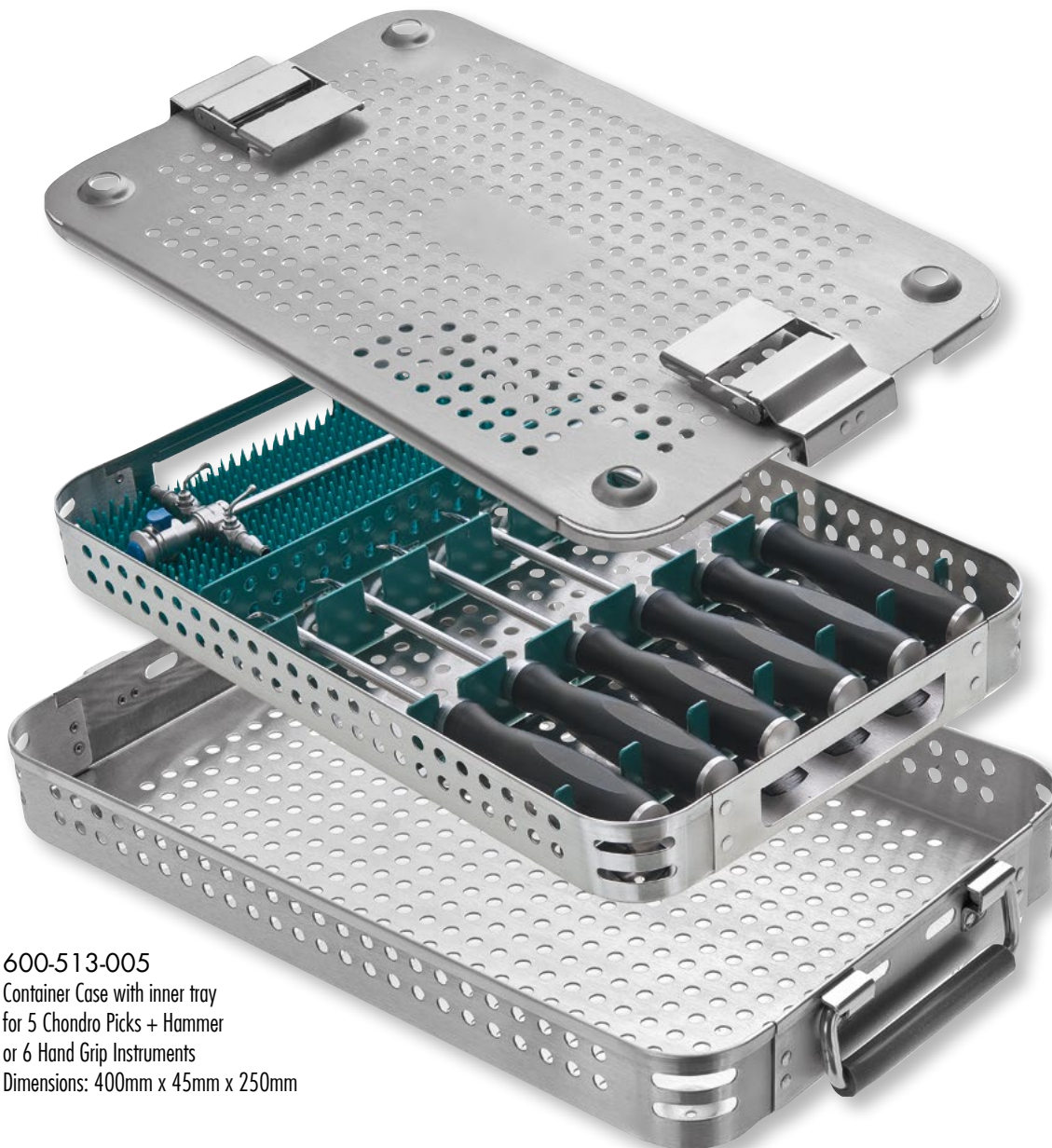


600-513-000
 Container for Arthroscopy for 8 instruments in
 upright position with utility space for extra
 instruments



600-513-002
 Stand for 8 Arthroscopy Instruments,
 Plastic



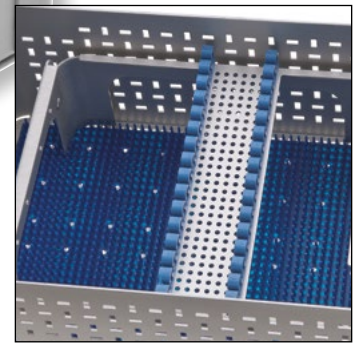
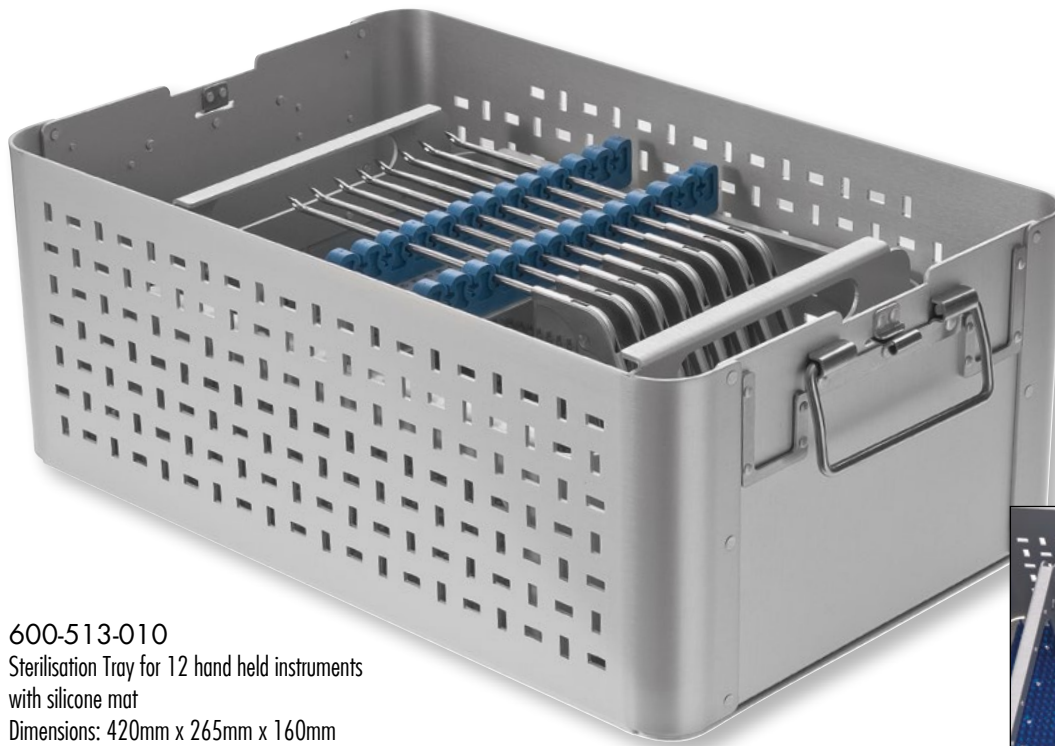


600-513-005
 Container Case with inner tray
 for 5 Chondro Picks + Hammer
 or 6 Hand Grip Instruments
 Dimensions: 400mm x 45mm x 250mm

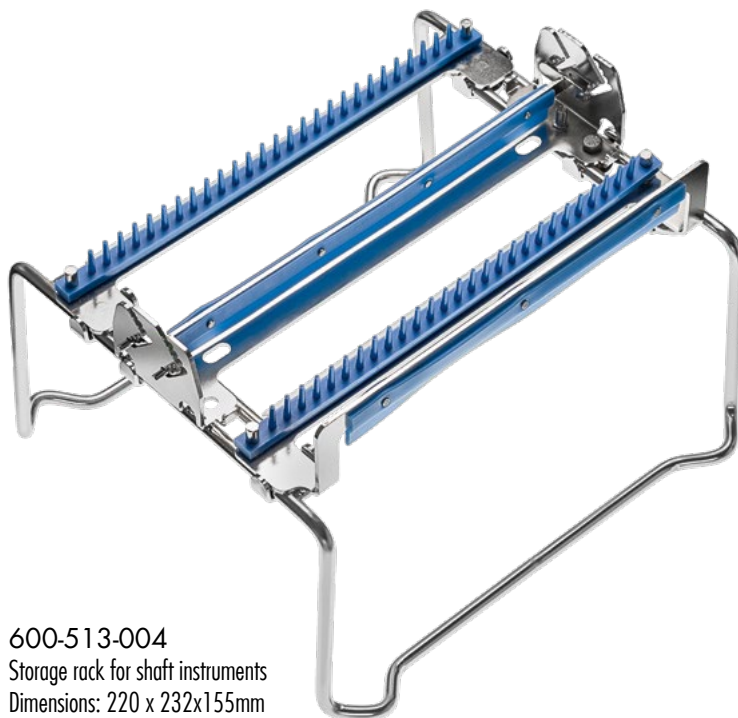
This **ArthVANCE** container is specially designed to organise your complete set of chondro picks including hammer or six pieces of RZ Handgrip Instruments of any kind.

The attached silicone mat offers extra space for additional items such as arthroscopic sheath or similar parts.

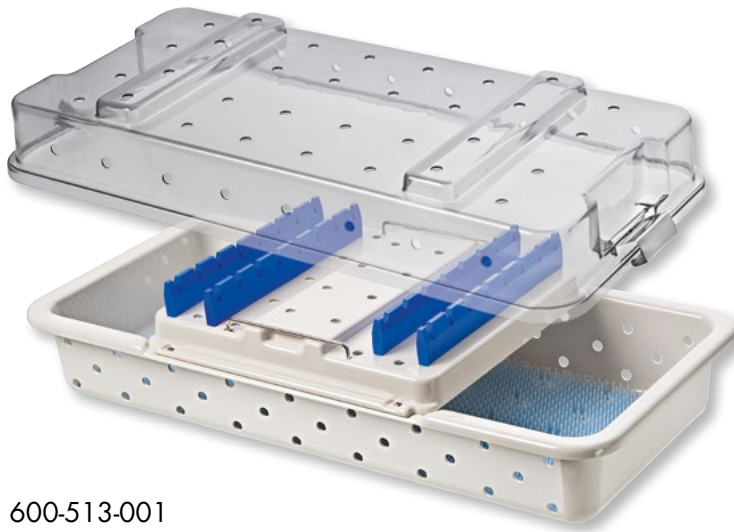
The **ArthVANCE** container consists of 3 parts - bottom, detachable tray with instrument holders and silicone mat with lid.



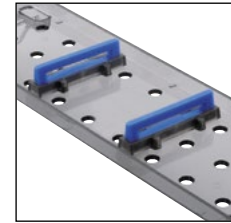
600-513-010
Sterilisation Tray for 12 hand held instruments
with silicone mat
Dimensions: 420mm x 265mm x 160mm



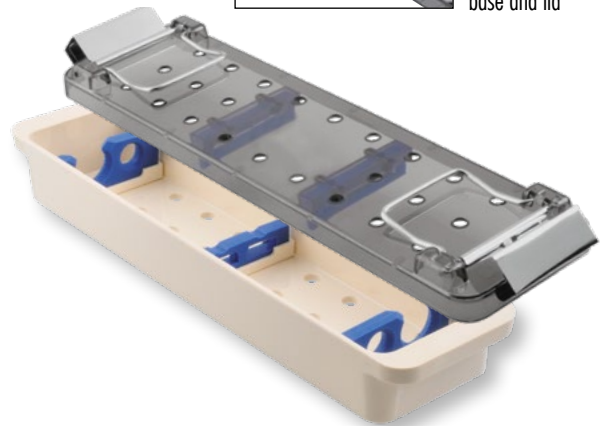
600-513-004
Storage rack for shaft instruments
Dimensions: 220 x 232x155mm



600-513-001
 Container for Arthroscopy for 16 instruments in upright position with utility space for extra instruments



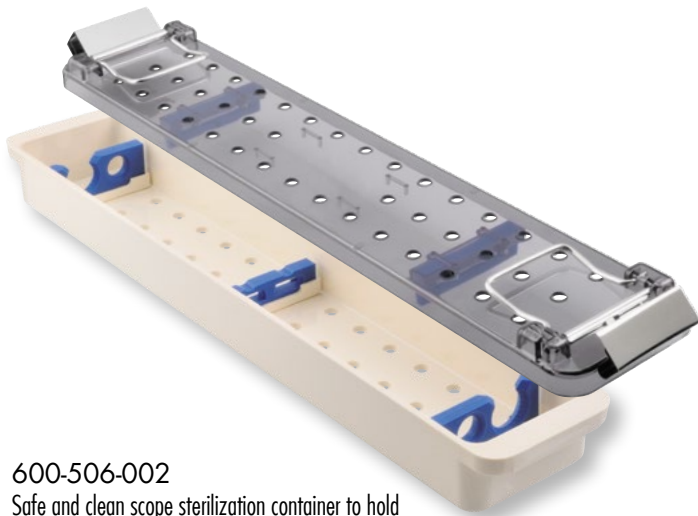
Safe and clean with silicone bars on base and lid



600-505-002 Safe+Clean double scope sterilization container to hold 2 short scopes with maximum length of 190 mm. Dimensions: 271 x 70 x 35mm

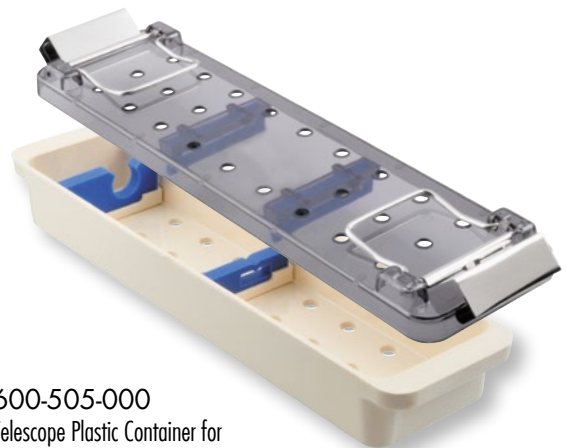


600-464-229
 Module Container for fixation of instruments with rubber ties
 464 x 229 x 51mm



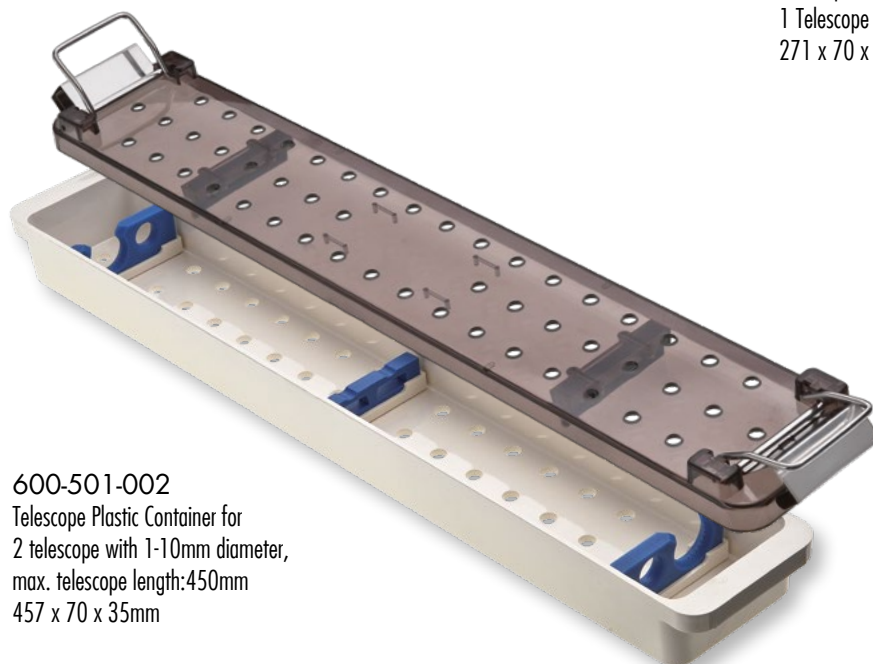
600-506-002

Safe and clean scope sterilization container to hold
2 medium scopes with maximum length of 390 mm.
Dimensions: 394 x 70 x 35mm



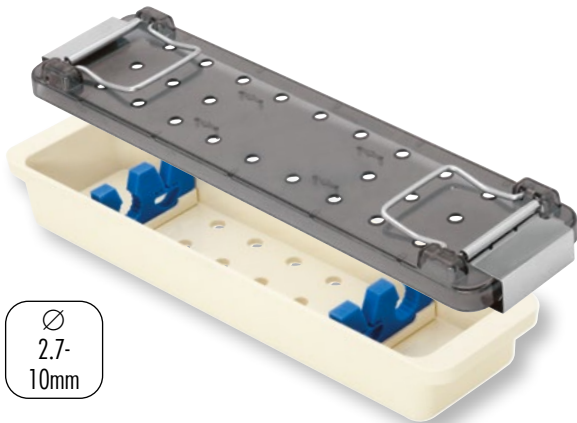
600-505-000

Telescope Plastic Container for
1 Telescope Ø 1-10mm max. length 270mm
271 x 70 x 35mm



600-501-002

Telescope Plastic Container for
2 telescope with 1-10mm diameter,
max. telescope length:450mm
457 x 70 x 35mm



∅
2.7-
10mm

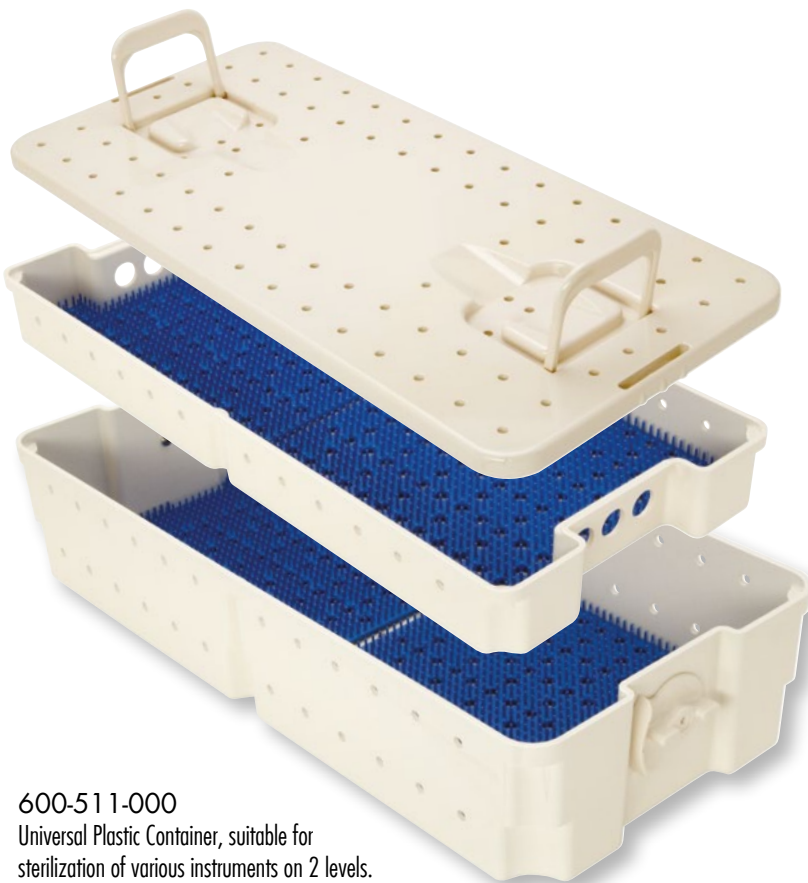
600-503-000

MultiClean double scope sterilization container to hold 2 short endoscopes with maximum length of 270mm.
Dimensions: 271 x 70 x 35mm



600-292-052

MaxClean wire basket with silicone bars to hold 2 short endoscopes with maximum length of 190mm.
Dimensions: 290 x 80 x 52mm



600-511-000

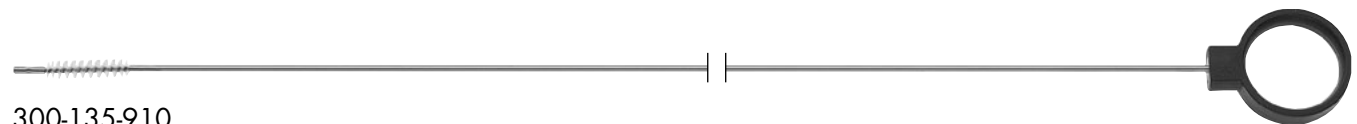
Universal Plastic Container, suitable for sterilization of various instruments on 2 levels.
Dimensions: 502 x 239 x 102mm



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



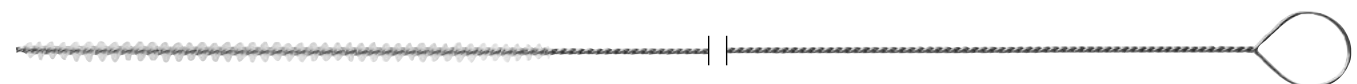
300-135-905
Cleaning brush for \varnothing 5mm, 500mm length



300-135-910
Cleaning brush for \varnothing 10mm, 500mm length



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



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



700-900-149
Oil Spray (400ml)



700-900-250
Oil Dispenser, 140mm



700-900-160
Instrument Oil in 50ml bottle



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