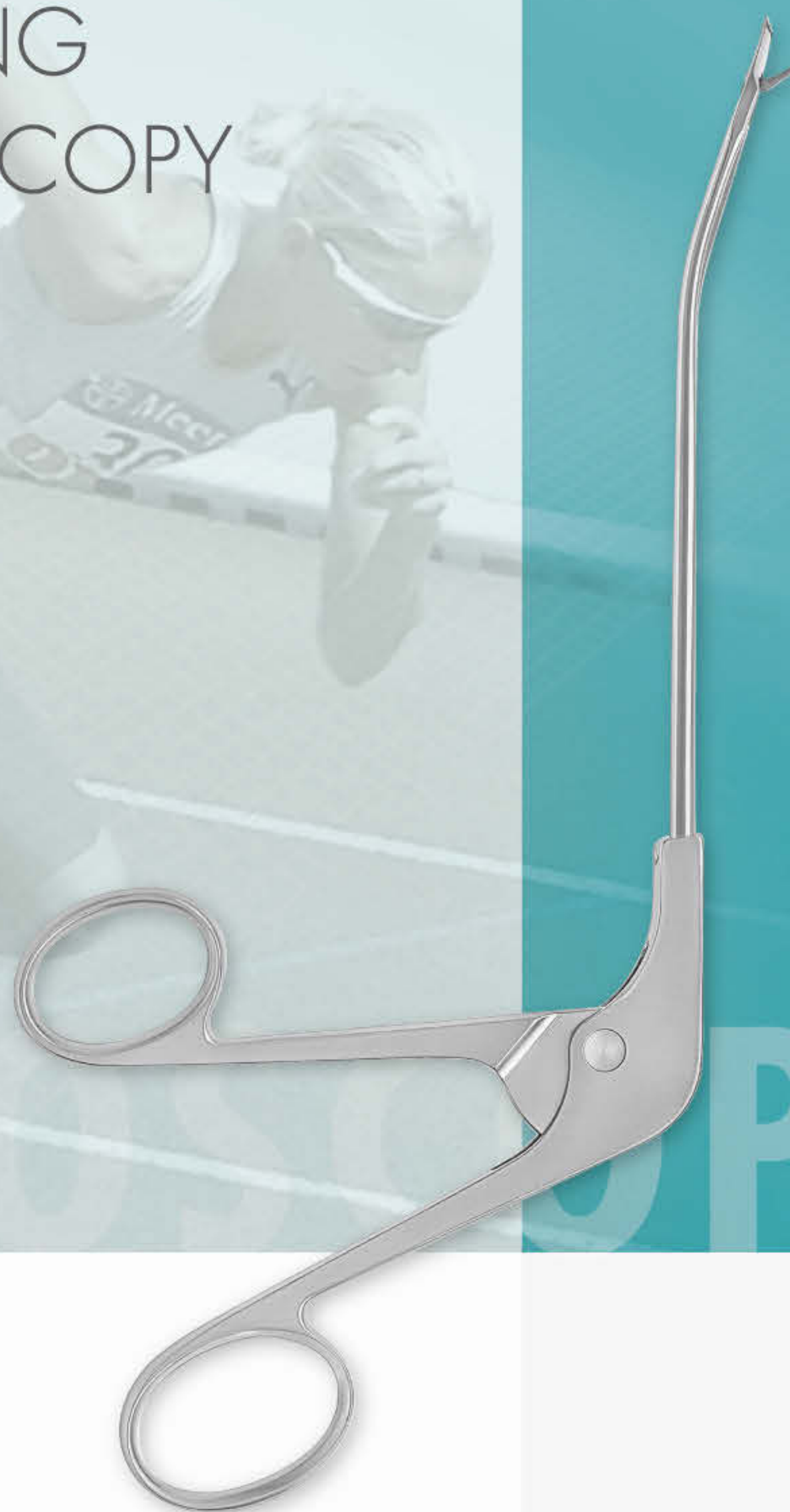




RZ
Medizintechnik
GmbH

Progress in Surgery

STUNNING
ARTHROSCOPY



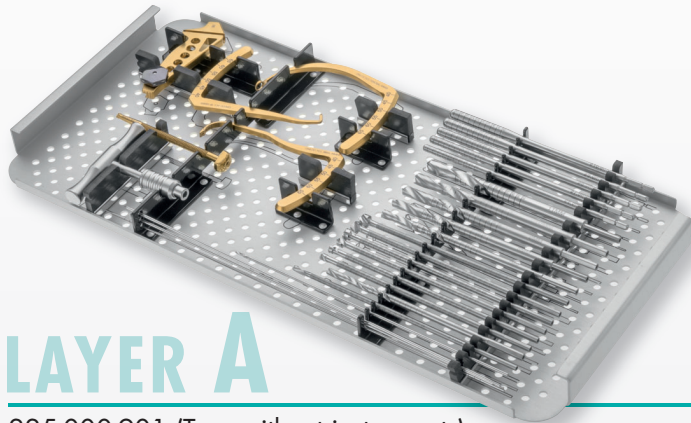


Instruments and
Equipment for
Knee Arthroscopy

The new RZ ACL / PCL Instrumentation Set consists of a complete assortment of instruments for arthroscopic ACL and PCL reconstruction procedures. A highly precise and ergonomic drill guide system allows flexibility and control.

It's multi-layered and predestined instrument piles allows the surgery staff easy identifying, preparing and safe storing.

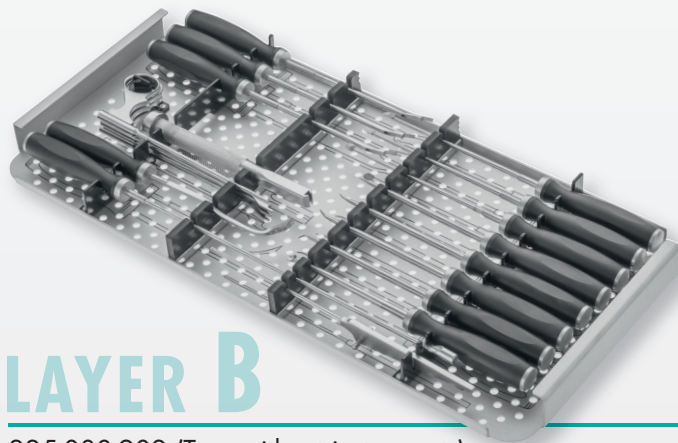
Complete Set 225-000-000



LAYER A

225-000-901 (Tray without instruments)

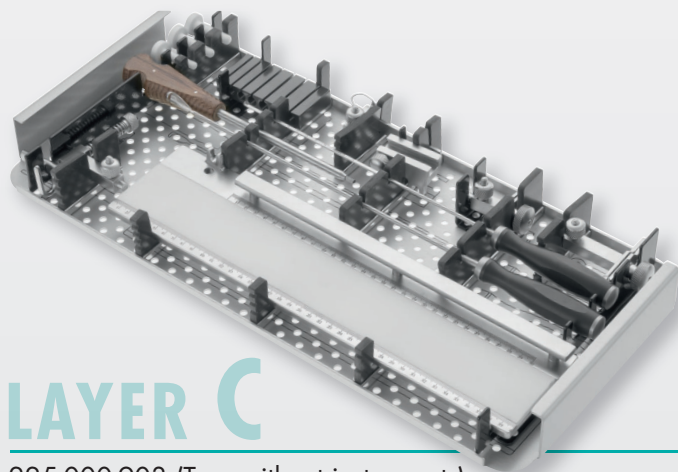
- Drill Guide System
- Tunnel Dilators
- Cannulated Tibial Reamers
- Cannulated Femoral Reamers
- Endoscopic Reamers
- Guide Wire Screws



LAYER B

225-000-902 (Tray without instruments)

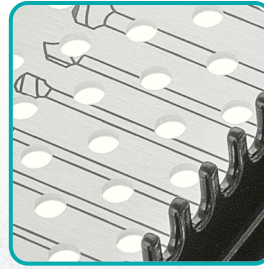
- Microfracture Chondro Picks
- Impactor
- Transportal Femoral Offset Guide
- PCL Rasp and Elevators
- Tendon Strippers
- Arthroscopic Probes



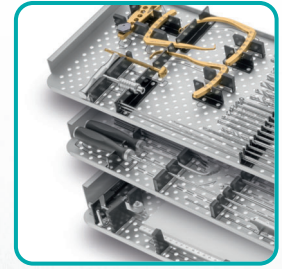
LAYER C

225-000-903 (Tray without instruments)

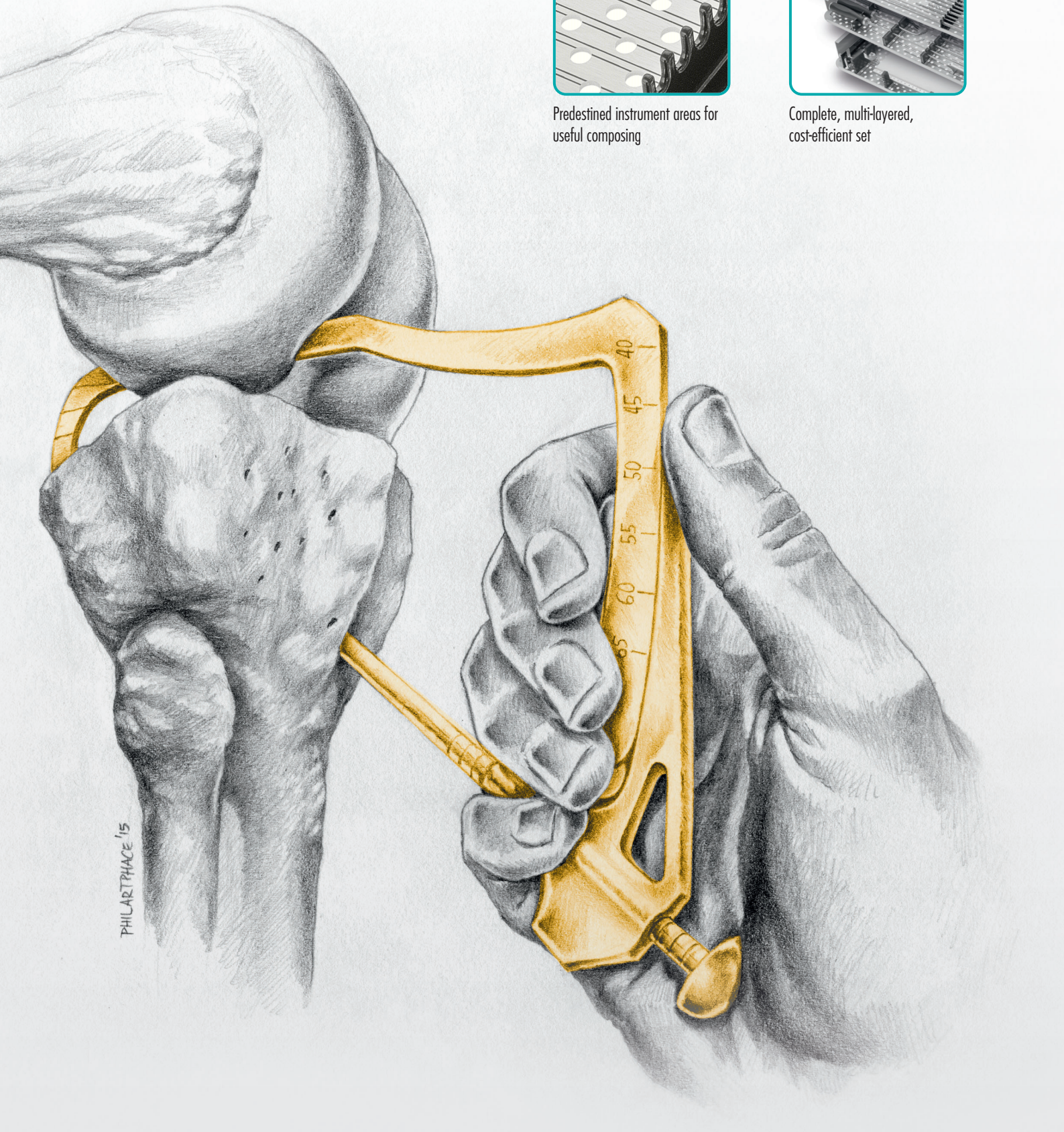
- Graft Preparation Station
- Graft Sizing Block
- Tunnel Plugs
- Tendon Strippers
- Cannulated Screwdriver
- Depth Gauges

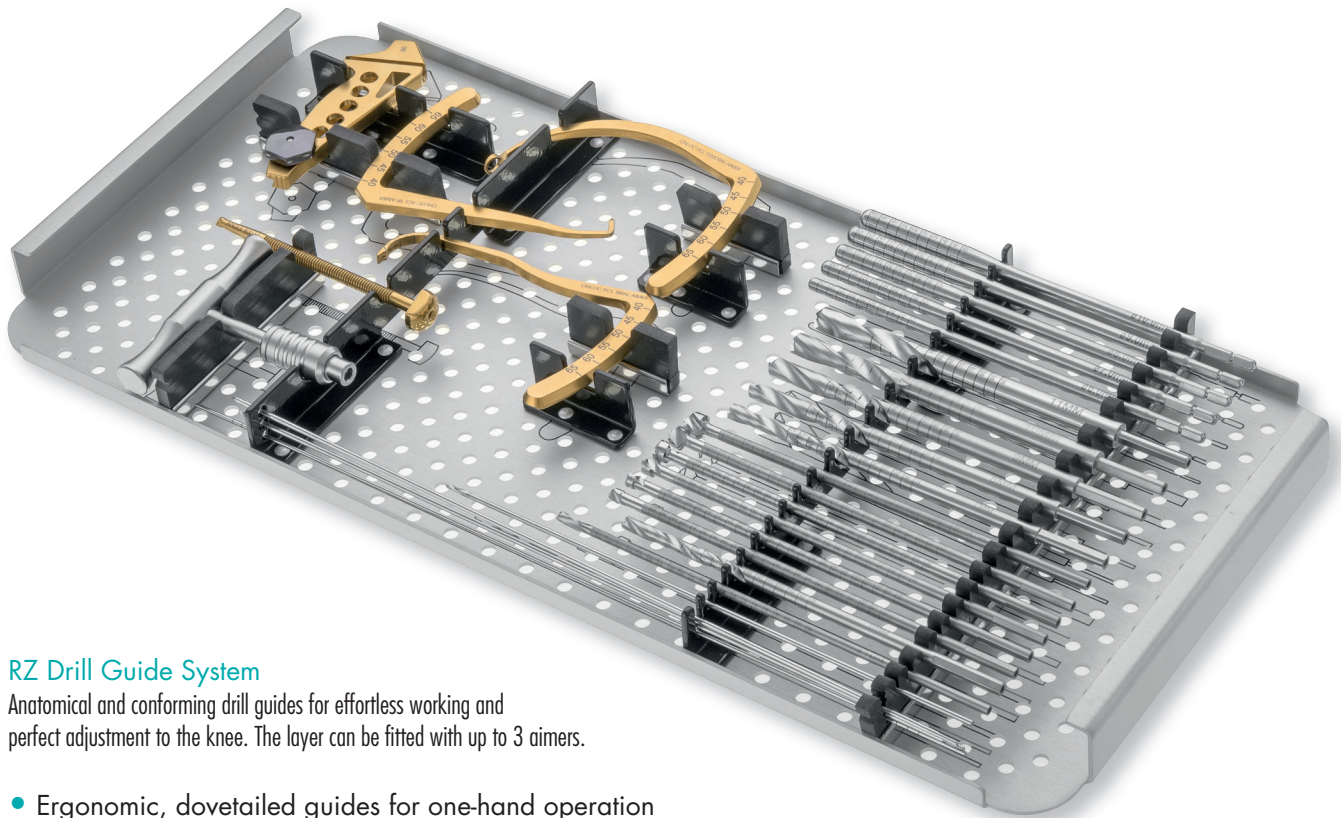


Predestined instrument areas for useful composing



Complete, multi-layered, cost-efficient set





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



Handle

Order-No.	Description
225-001-101	ACL / PCL Handle

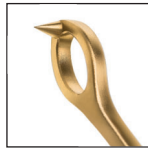
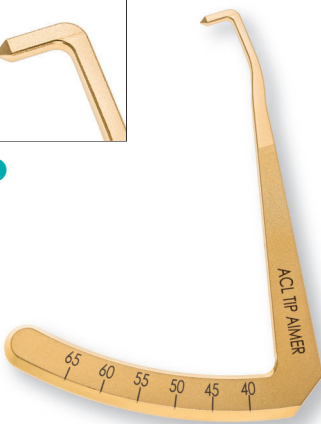


Bullet

Order-No.	Description
225-001-102	ACL / PCL Bullet



1



2



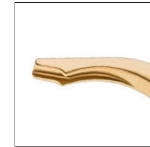
3



4



5



6



7



Aimer

Order-No.	Description
1 225-001-105	ACL Tip
2 225-001-106	ACL Tip 0
3 225-001-107	ACL Tip C left
4 225-001-108	ACL Tip C right
5 225-001-115	PCL Tibial Aimer
6 225-001-116	PCL Tibial Aimer
7 225-001-117	PCL Femoral Aimer



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

Tunnel Dilators / T-Handle

Order-No.	Description
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

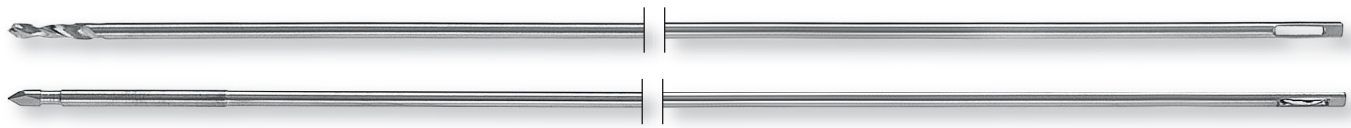
Order-No.	Description
225-000-060	6.0mm
225-000-065	6.5mm*
225-000-070	7.0mm
225-000-075	7.5mm*
225-000-080	8.0mm
225-000-085	8.5mm*
225-000-090	9.0mm

Order-No.	Description
225-000-095	9.5mm*
225-000-100	10.0mm
225-000-105	10.5mm*
225-000-110	11.0mm
225-000-115	11.5mm*
225-000-112	12.0mm*



Endoscopic Reamer

Order-No.	Description
225-000-008	Ø 4.7mm, cannulated, 200mm



Drill / Graft Passing Guide Pins

Order-No.	Description
225-000-005	Drill bit, Ø 2.4mm
225-000-006	Pin, Drill-tip
225-000-007	Pin, Diamond-tip



Cannulated Femoral Reamers

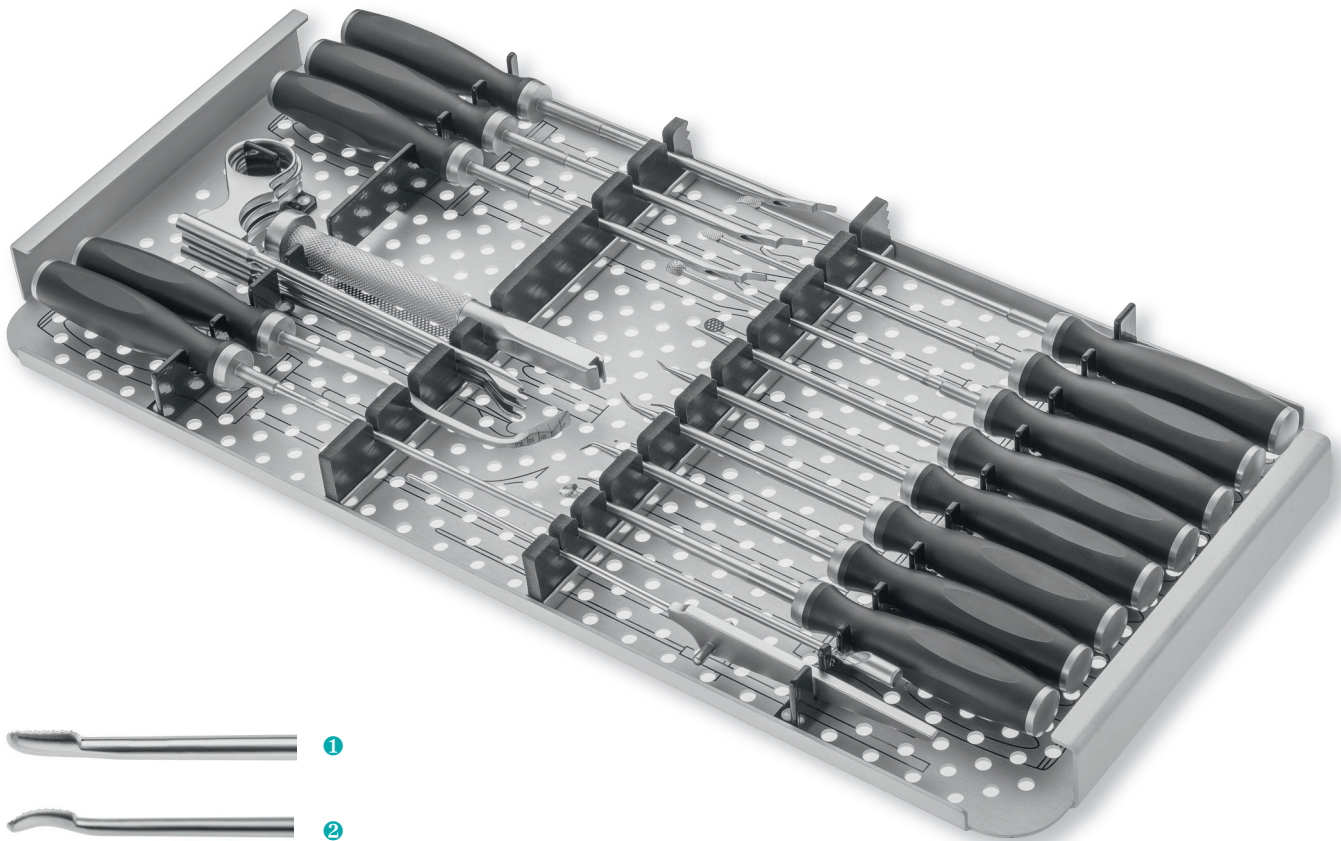
Order-No.	Description
225-000-260	6.0mm
225-000-265	6.5mm*
225-000-270	7.0mm
225-000-275	7.5mm*
225-000-280	8.0mm
225-000-285	8.5mm*
225-000-290	9.0mm

Order-No.	Description
225-000-295	9.5mm*
225-000-300	10.0mm
225-000-305	10.5mm*
225-000-310	11.0mm
225-000-315	11.5mm*
225-000-312	12.0mm*



Guide Wire for screws

Order-No.	Description
225-000-009	Ø 2.0mm
259-120-400	Ø 1.2mm (made of Nitinol)



Rasps

	Order-No.	Description
①	225-000-500	Straight rasp
②	225-000-501	Convex rasp
③	225-000-502	Half-round rasp

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



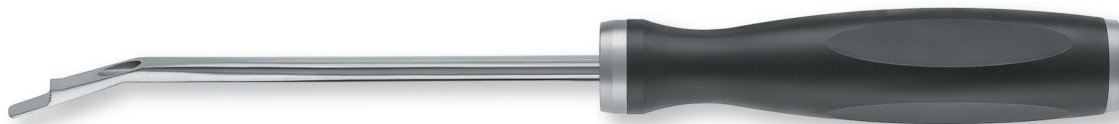
Chondro Picks

Order-No.	Description
① 225-600-200	0° / straight
② 225-600-225	25°
③ 225-600-240	40°
④ 225-600-260	60°



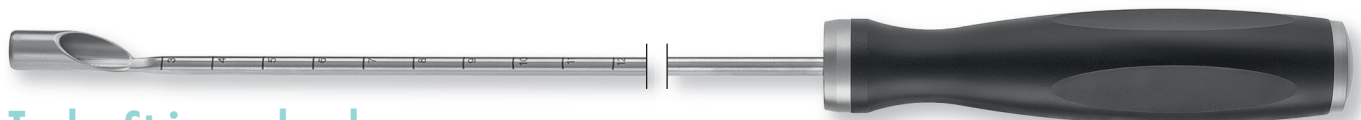
Curette

Order-No.	Description
225-000-507	25° angled down



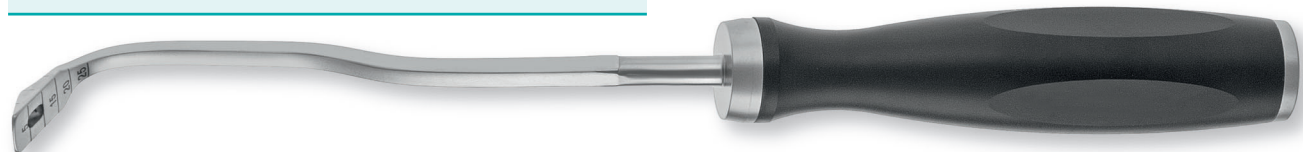
Transportal Femoral Offset Guide

Order-No.	Description
225-000-015	5.0mm
225-000-016	6.0mm
225-000-017	7.0mm



Tendon Stripper, closed

Order-No.	Description
225-000-606	6.0mm*
225-000-607	7.0mm
225-000-608	8.0mm*



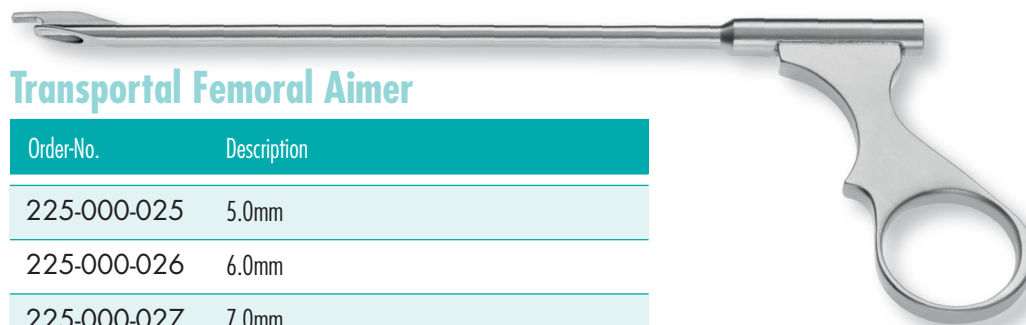
PCL Elevator

Order-No.	Description
225-000-503	with wire capture hole



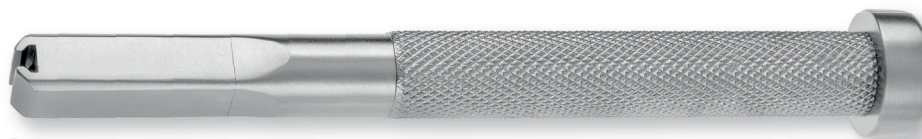
Arthroscopic Probe

Order-No.	Description
225-400-002	5mm graduations



Transportal Femoral Aimer

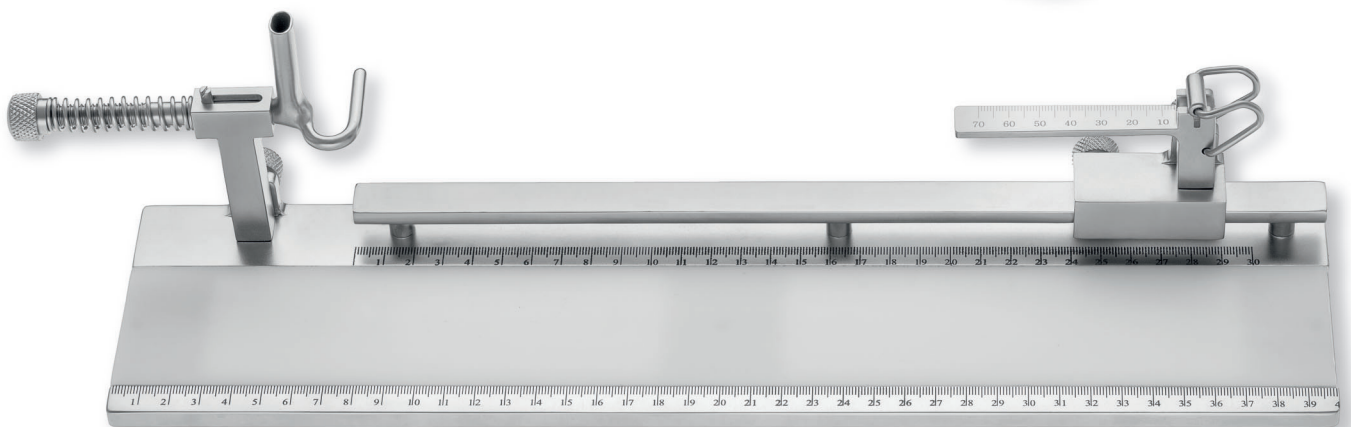
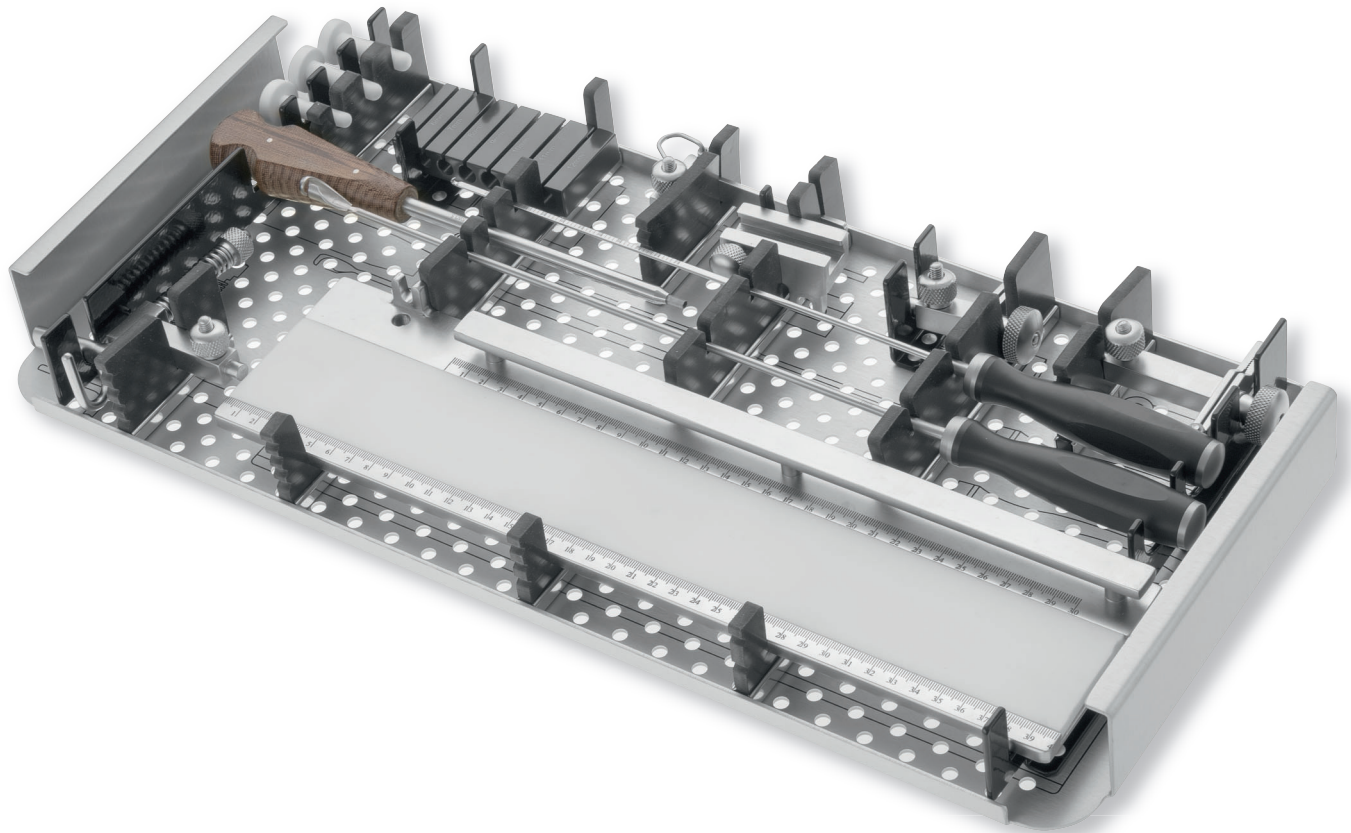
Order-No.	Description
225-000-025	5.0mm
225-000-026	6.0mm
225-000-027	7.0mm



Impactor

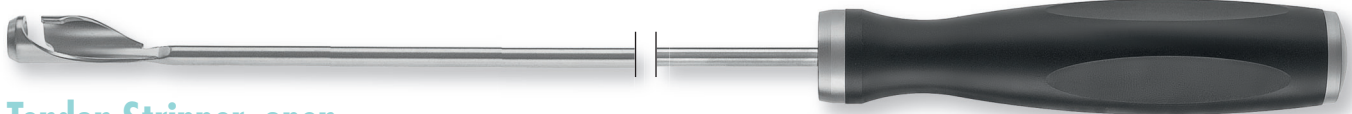
Order-No.	Description
225-000-012	For spiked ligament staple

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



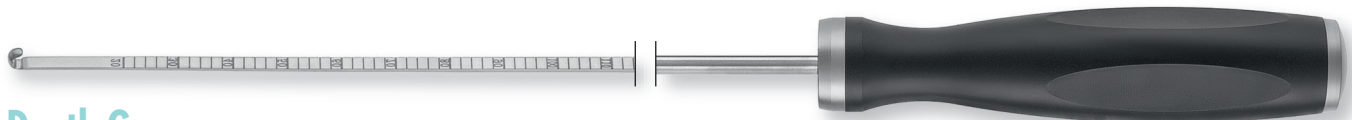
Graft Preparation Station

Order-No.	Description
225-000-700	Fully modular system for 6 to 12 increments



Tendon Stripper, open

Order-No.	Description
225-000-616	6.0mm*
225-000-617	7.0mm
225-000-618	8.0mm*



Depth Gauges

Order-No.	Description
225-000-010	For measuring the total length of femoral channel



Screwdriver

Order-No.	Description
225-000-011	Cannulated



Graft Sizing Block

Order-No.	Description
225-000-800	From 6mm to 12mm (in 1mm steps)
225-000-801	From 6.5mm to 11.5mm (in 1mm steps)*



Tunnel Plugs

Order-No.	Description
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 seperately.

ArthVIEW® Telescopes for large joint, 4.0mm, 175mm length



FULL HD

0° 30° 45° 70°

Colour coded rings identify the „direction of view“

Removable eyepiece for C-mount connection or RZ QuickSnap locking

3-step light post adaptors to connect the most common light cables directly to the endoscope

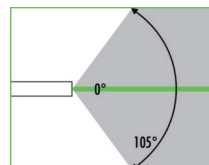
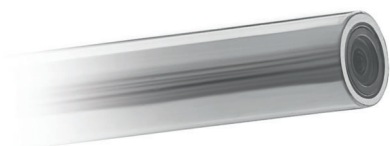
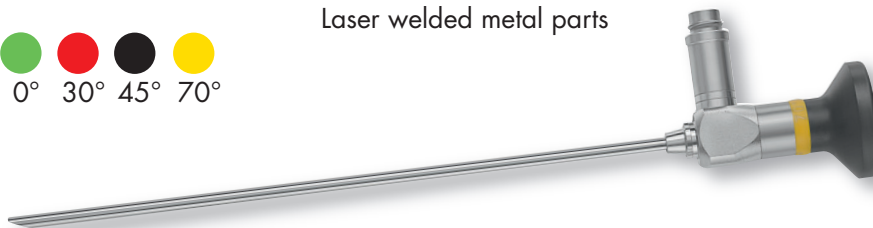
Sapphire glasses ensure highest stability against damages on the lens system

Optimised glass fibre arrangements ensure an uniform image brightness of highest quality

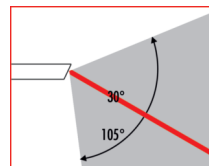
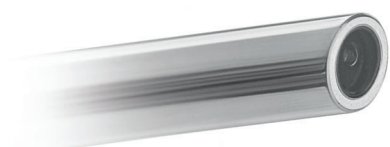
Full HD high definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems

Fully Autoclavable at 134°C and 2.3bar

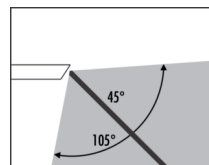
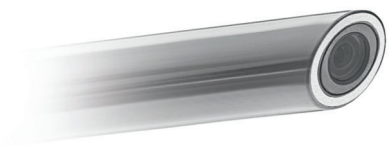
Laser welded metal parts



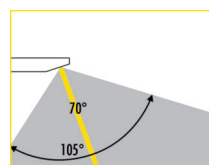
| 225-140-000 ArthVIEW telescope 0° direction of view, 4.0mm diameter, 175mm length



| 225-140-030 Same, 30° direction of view



| 225-140-045 Same, 45° direction of view



| 225-140-070 Same, 70° direction of view

ArthFLOW® Sheath System

All RZ ArthFLOW Arthroscope sheaths feature:

360° rotating stopcocks – easy handling of suction/irrigation tubes

Complete stainless steel – easy to clean, maximum infection control

Colour coded for easy identification of diameters – easy to find in the Arthroscope set

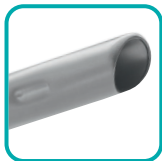
Telescope stabilizing system – less damages on telescopes

For use with RZ 0°, 30°, 45° and 70° telescopes

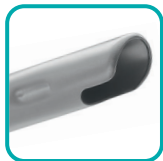
For use in large joints and with 4.0mm, 175mm long ArthVIEW telescopes



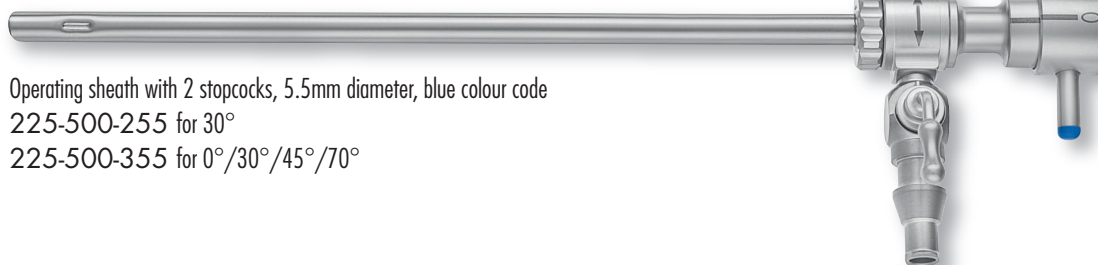
For 30°



Universal
0°/30°/45°/70°



Rotating Telescope
locking



Operating sheath with 2 stopcocks, 5.5mm diameter, blue colour code

225-500-255 for 30°

225-500-355 for 0°/30°/45°/70°



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

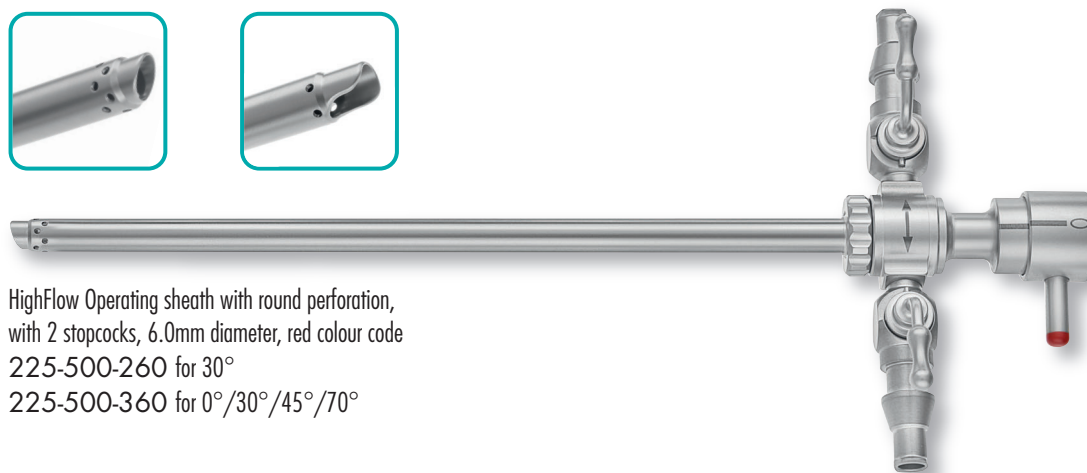


225-500-655 Sharp Trocar for Operating sheath 5.5mm diameter, blue colour code

For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, 6.0mm diameter, 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, 6.0mm diameter,
red colour code

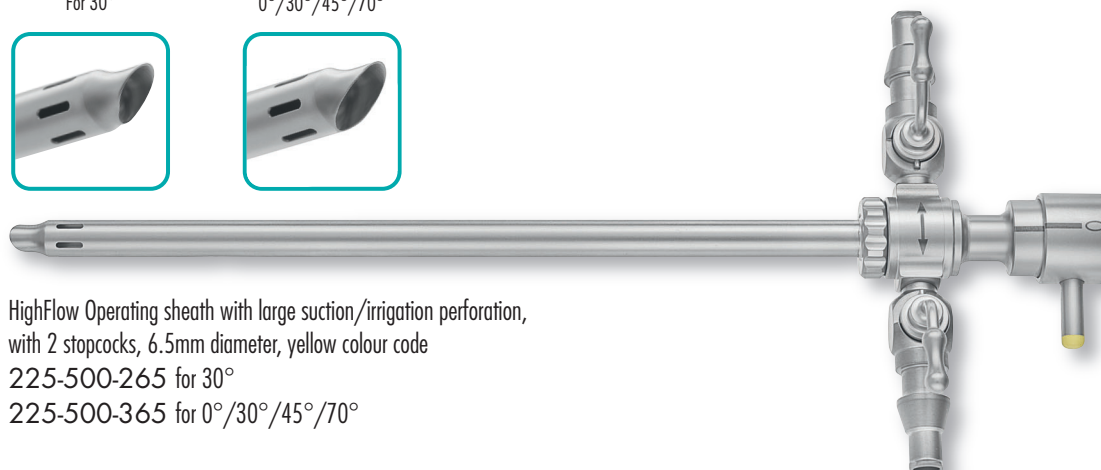


225-500-660 Sharp Trocar for HighFlow Operating sheath, 6.0mm diameter,
red colour code

For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with large suction/irrigation perforation,
with 2 stopcocks, 6.5mm diameter, yellow colour code

225-500-265 for 30°

225-500-365 for 0°/30°/45°/70°



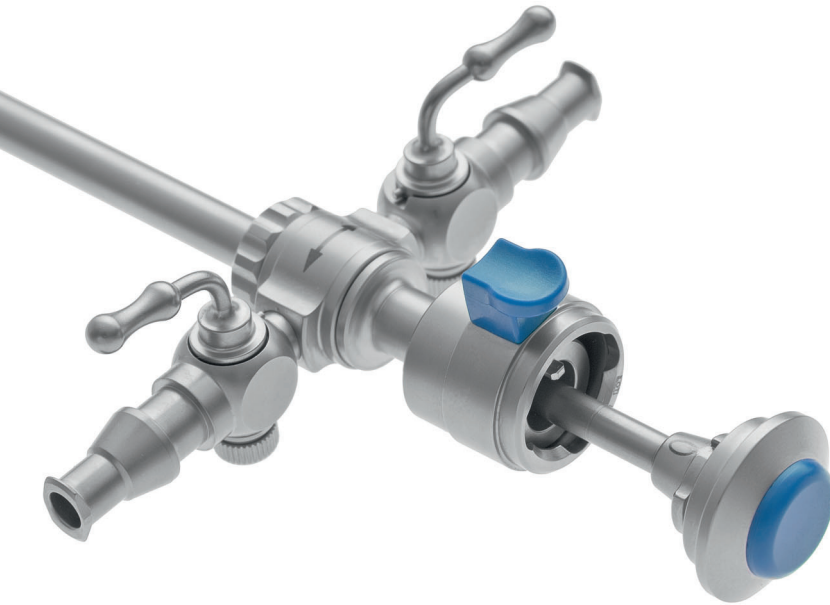
225-500-565 Blunt Obturator for HighFlow Operating sheath, 6.5mm diameter,
yellow colour code



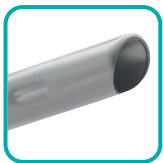
225-500-665 Sharp Trocar for HighFlow Operating sheath, 6.5mm diameter,
yellow colour code



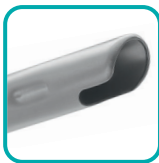
ArthFLOW® Sheath System with Quick-Lock



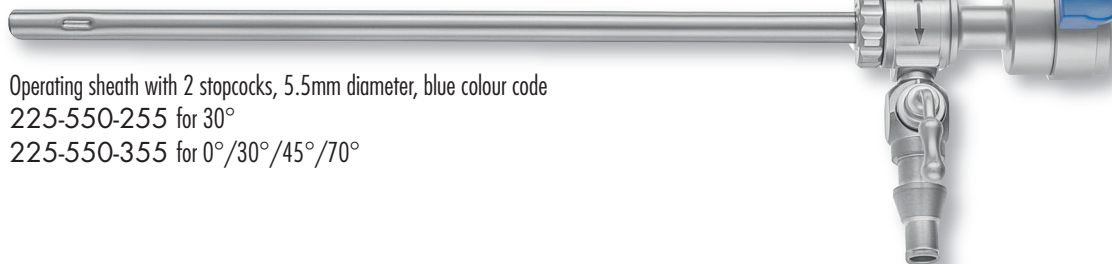
For 30°



Universal
0°/30°/45°/70°



Quick-lock Telescope
locking



Operating sheath with 2 stopcocks, 5.5mm diameter, blue colour code
225-550-255 for 30°
225-550-355 for 0°/30°/45°/70°



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



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

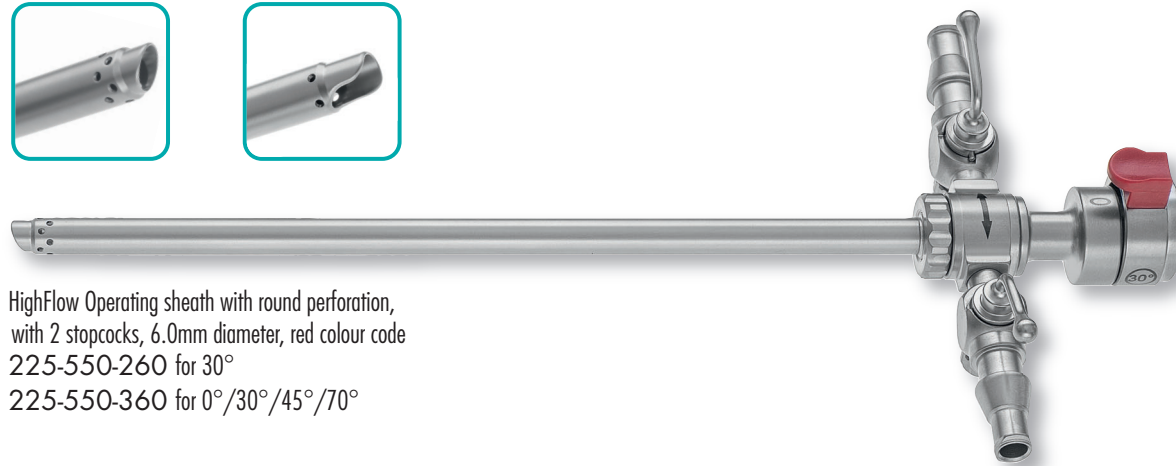
For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, 6.0mm diameter, 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, 6.0mm diameter,
red colour code



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



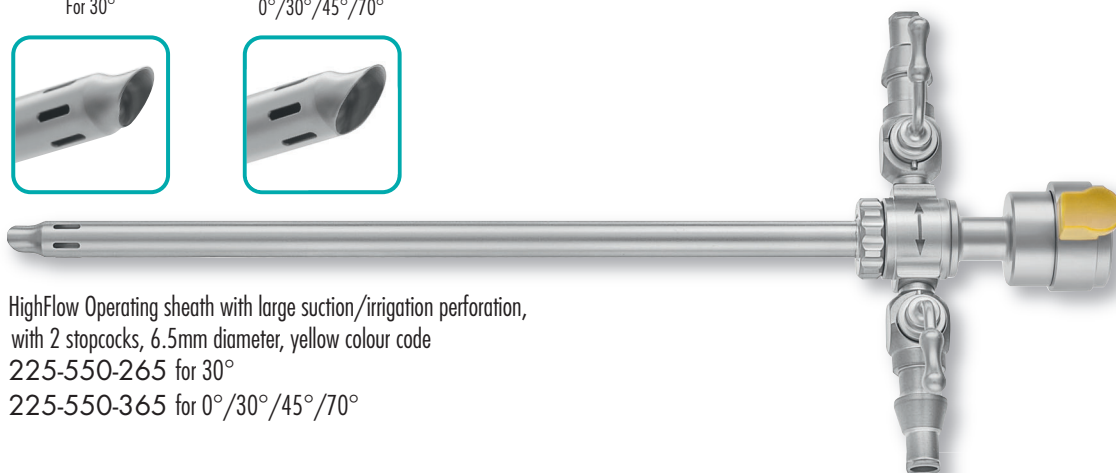
For 30°



Universal
0°/30°/45°/70°



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



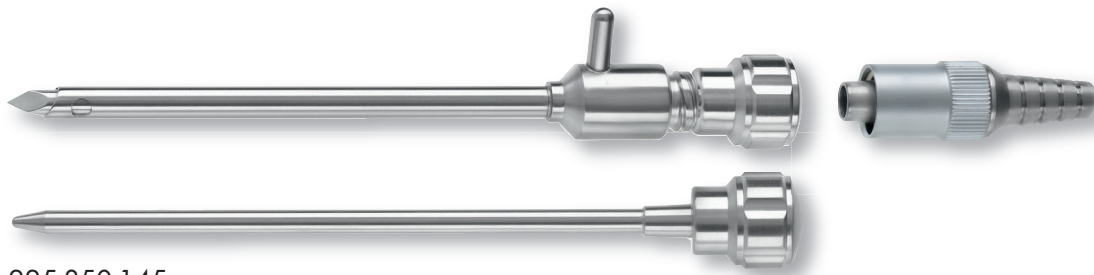
225-500-565 Blunt Obturator for HighFlow Operating sheath, 6.5mm diameter,
yellow colour code



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







225-850-145

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

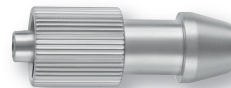
Accessories for Suction- and Irrigation System



Irrigation Cannula set with 1 stopcock, including trocar and obturator, 70mm working length

225-850-000 Ø 2.3mm

225-850-001 Ø 3.5mm



300-011-181

LuerLock tube connector 9mm



Obturator, blunt, 70mm working length

225-850-002 Ø 2.3mm

225-850-004 Ø 3.5mm



300-011-506

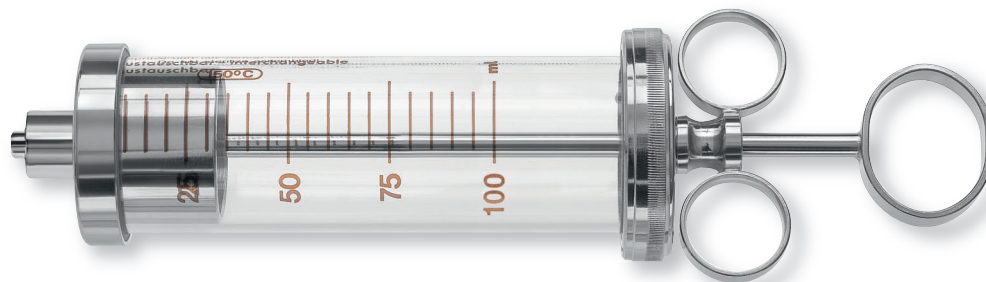
LuerLock tube connector 6mm



Obturator, sharp, 70mm working length

225-850-003 Ø 2.3mm

225-850-005 Ø 3.5mm



225-852-000

Irrigation syringe, 100ml



Guiding and changing rods for use with trocar sheath

225-865-027 Ø 2.7mm x 230mm

225-865-030 Ø 3.5mm x 230mm

225-865-040 Ø 4.0mm x 230mm

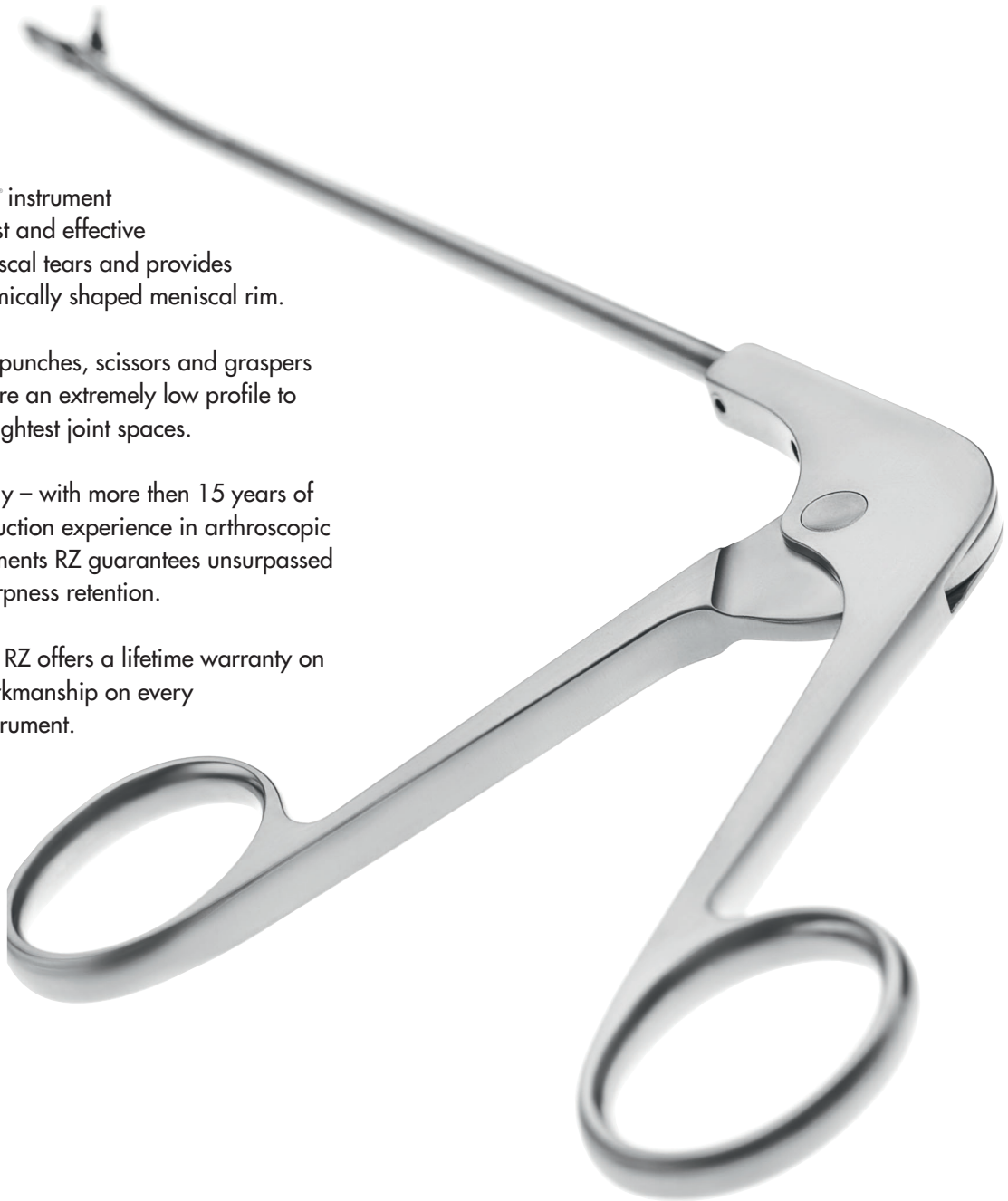
ArthVANCE® Punches, Scissors and Grasper

The ArthVANCE® instrument series enables fast and effective resection of meniscal tears and provides a smooth, anatomically shaped meniscal rim.

A wide range of punches, scissors and graspers with flat tips feature an extremely low profile to access even the tightest joint spaces.

Made in Germany – with more than 15 years of design and production experience in arthroscopic hand held instruments RZ guarantees unsurpassed strength and sharpness retention.

Trust in Quality – RZ offers a lifetime warranty on material and workmanship on every ArthVANCE® instrument.



HANDLE SELECTION



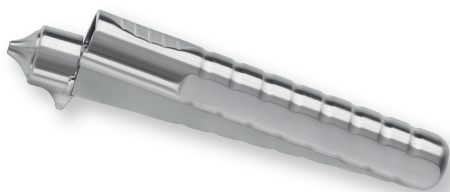
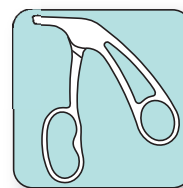
RING HANDLE

All RZ Punches, Rongeurs and selected Graspers, feature our traditional Ring Handle



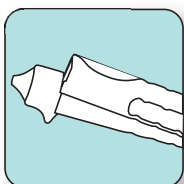
PRO HANDLE

Selected Punches, scissors and graspers feature this new and pronomic handle design



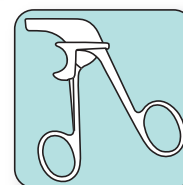
PENCIL HANDLE

Available on all scissors and rotary punches with easy to use opening and locking device



SLIDELOCK HANDLE

All RZ Graspers come with the infinite-position, Slide-Lock handle for easy and intuitive grasping.



SHAPE SELECTION



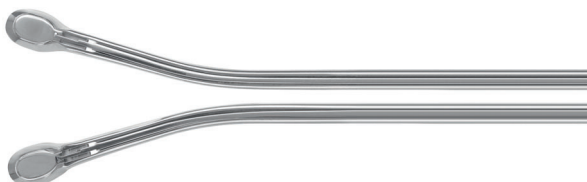
Straight: **Straight Tip and Shaft** for direct approach



UpBiter: **Upwards angled Tip** for increased access to the posterior meniscus



UpSwept: **Upwards angled Shaft** follows the contour of the condyle to keep a parallel cutting surface to the tibial plateau



Left & Right: **Curved in Shaft** to reach the anterior and posterior meniscus

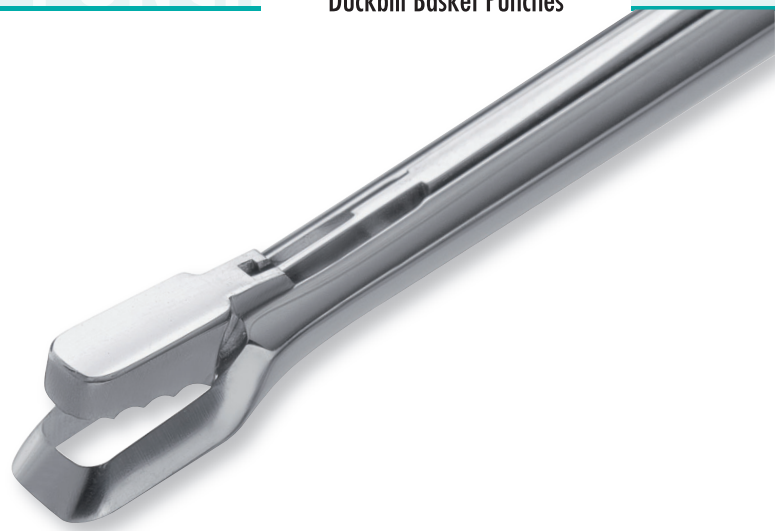


DUCKBILL PUNCH

Duckbill Basket Punches



Traditional Duckbill Low profile jaw



DUCKBILL BASKET PUNCH

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

Small Duckbill (S)



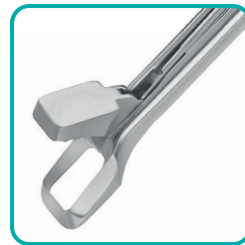
2.5mm

Medium Duckbill (M)*



3.2mm

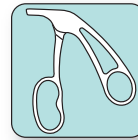
Large Duckbill (L)



4.5mm



RING HANDLE



PRO HANDLE

Straight (S)	225-800-101	
Straight (M)	225-800-102*	225-700-102
Straight (L)	225-800-103	
UpBiter (S)	225-800-104	
UpBiter (M)	225-800-105*	225-700-105
UpBiter (L)	225-800-106	
Upbiter (M) Left	225-800-107	225-700-107
Upbiter (M) Right	225-800-109	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



RING HANDLE



PRO HANDLE

Straight (S)	225-800-401	
Straight (M)	225-800-402*	225-700-402
UpBiter (S)	225-800-404	
UpBiter (M)	225-800-405*	225-700-405
UpSwept (M)	225-800-411	
Straight (M) Left	225-800-413	
Straight (M) Right	225-800-415	



Duckling Elevator -
with flat shovel for easy access



RING HANDLE



PRO HANDLE

Straight	225-800-420	225-700-420
----------	-------------	-------------

Arthroscopy Punches



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

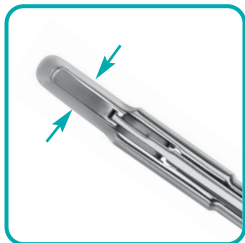
Straight	225-800-202	225-700-202
UpBiter	225-800-205	225-700-205
UpSwept	225-800-211	
Straight Left	225-800-213	
Straight Right	225-800-215	

„Halfmoon“ punch



RING HANDLE

Straight, left	225-800-120
Straight, right	225-800-121
Curved to the right	225-800-122
Curved to the left	225-800-123



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	225-800-902
UpBiter	225-800-905



1.7mm

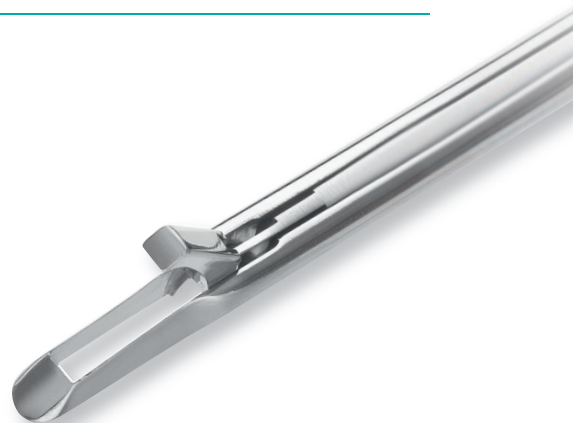
BLUNT NOSE BASKET PUNCH

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



RING HANDLE

Straight	225-800-302
----------	-------------



2.2mm

POSTERIOR PUNCH

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



RING HANDLE

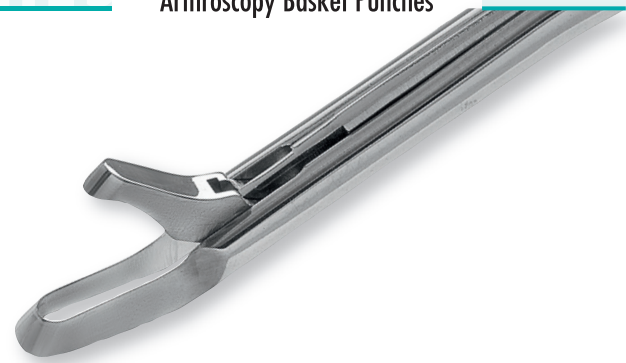
Straight	225-800-602
UpBiter	225-800-605
UpSwept	225-800-611
Straight Left	225-800-613
Straight Right	225-800-615





BASKET PUNCHES

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



STRAIGHT	Cut size	RING HANDLE
1.0mm		225-800-802
1.5mm		225-800-060
2.7mm		225-800-040
3.4mm		225-800-050



CURVED LEFT	Cut size	RING HANDLE
1.3mm		225-800-813
1.3mm		225-800-807 UpBiter



CURVED RIGHT	Cut size	RING HANDLE
1.3mm		225-800-815
1.3mm		225-800-809 UpBiter



UP BITER	Cut size	RING HANDLE
1.3mm		225-800-805
1.5mm		225-800-055



DOWN BITER	Cut size	RING HANDLE
1.3mm		225-800-806



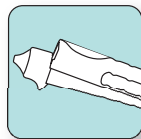
UP SWEPT	Cut size	RING HANDLE
1.3mm		225-800-865
1.5mm		225-800-061





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	225-800-955
2.2mm Right	225-800-957

3.4mm Left	225-800-965
3.4mm Right	225-800-967

■ 2.2mm

■ 3.4mm



RING HANDLE



2.2mm Left	225-770-955
2.2mm Right	225-770-957

3.4mm Left	225-770-965
3.4mm Right	225-770-967



■ 2mm

BACKBITER

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



RING HANDLE



PRO HANDLE

Left	225-800-707	225-700-707
Right	225-800-709	225-700-709



RONGEUR

Sharp Cups enable the surgeon to remove tissue and take biopsies



RING HANDLE

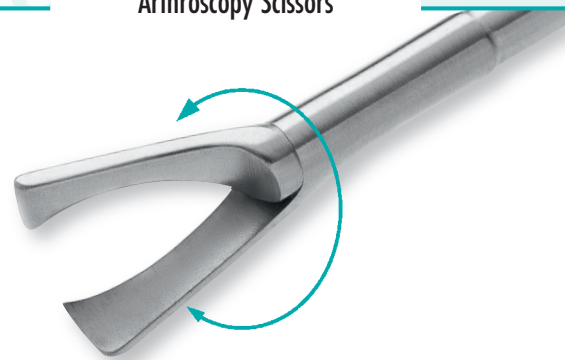
Straight	225-800-920
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SCISSORS

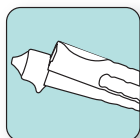
Arthroscopy Scissors

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



20° angled

HOOK SCISSORS



PENCIL HANDLE



RING HANDLE

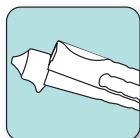
20° angled Left
20° angled Right

225-800-507
225-800-509

225-770-507
225-770-509



60° angled



PENCIL HANDLE



RING HANDLE

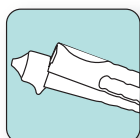
60° angled Left
60° angled Right

225-800-517
225-800-519

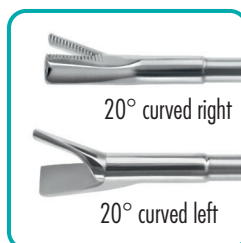
225-770-517
225-770-519



Serrated Scissors



PENCIL HANDLE



20° curved right

20° curved left

Left curved 20°
Right curved 20°

225-800-527
225-800-529

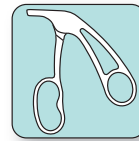


1mm

SCISSORS PUNCH



RING HANDLE



PRO HANDLE

Straight	225-800-532	225-700-532
UpBiter	225-800-535	225-700-535
UpBiter Left	225-800-537	
UpBiter Right	225-800-539	



HOOK SCISSORS



RING HANDLE

Straight	225-800-472
Left	225-800-477
Right	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.

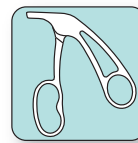


SHARK GRASPER

With blunt 1x2 teeth and serrated inner jaws



SLIDE LOCK RING HANDLE



PRO HANDLE

Straight

225-800-820

225-700-820

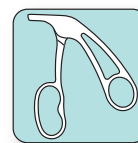


ALLIGATOR GRASPER

Short jaw with multiple serrations



SLIDE LOCK RING HANDLE



PRO HANDLE

Straight 2.7mm

225-800-825

225-700-825

UpSwept 2.7mm

225-800-827

225-700-827

Upbiter 2.7mm

225-800-826

225-700-826



GRASPERS

Arthroscopy Graspers



HEAVY ALLIGATOR GRASPER

Long and heavy jaw with multiple serrations



SLIDE LOCK RING HANDLE



PRO HANDLE

Straight

225-800-835

225-700-835



CUPPED GRASPER

Cupped jaw with atraumatic serrations



SLIDE LOCK RING HANDLE



PRO HANDLE

3.3mm jaw

225-800-833

225-700-833

2.7mm jaw

225-800-832



ATRAUMA GRASPER

Cupped jaw with atraumatic serrations



SLIDE LOCK RING HANDLE

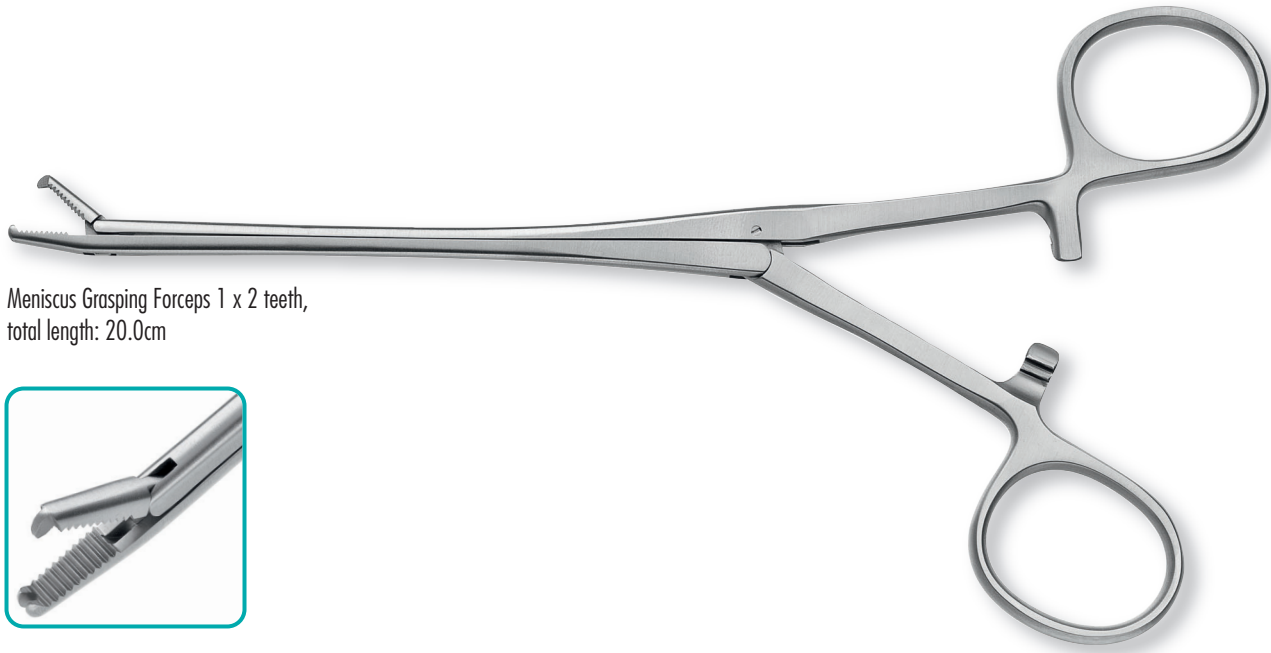
Non-Cannulated

225-800-850

With guide for K-wires \varnothing 2mm/0.077"

225-800-855





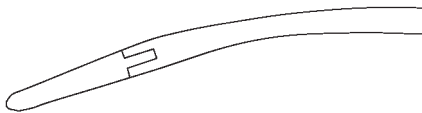
Meniscus Grasping Forceps 1 x 2 teeth,
total length: 20.0cm



225-360-000
straight



225-360-002
curved Right



225-360-001
curved Left

225-360-500

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

225-360-550

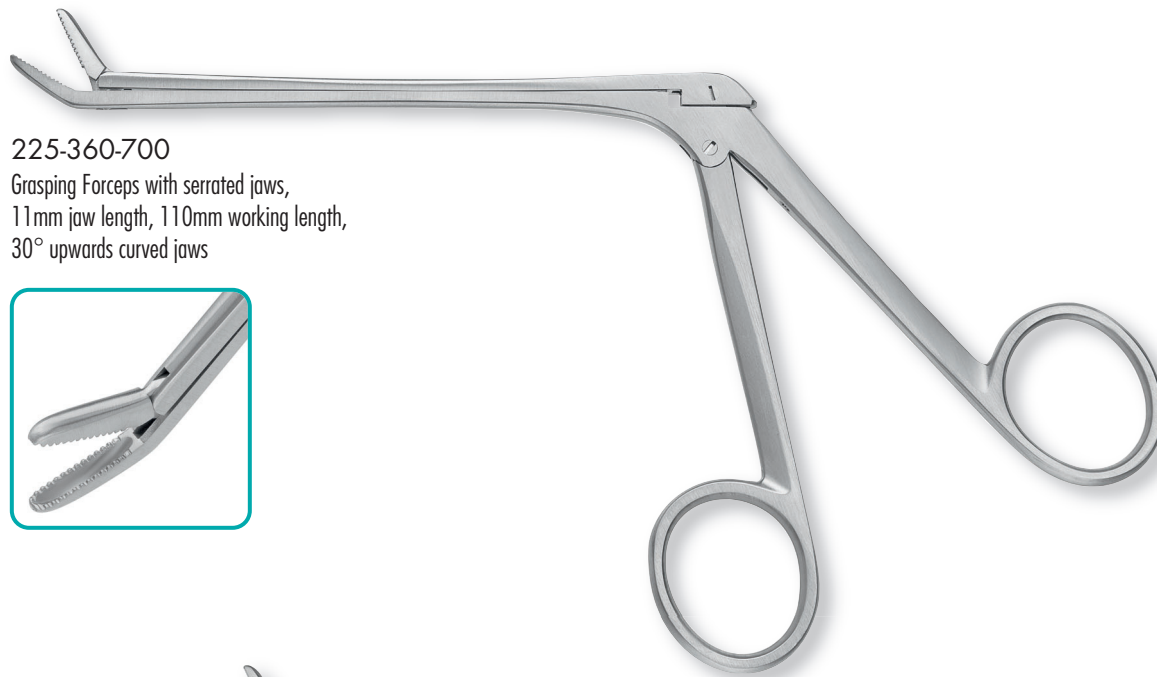
without ratchet



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 sharp jaws,
11mm jaw length, 110mm working length,
30° upwards curved jaws



225-360-900

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

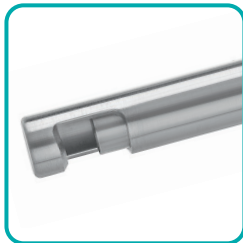
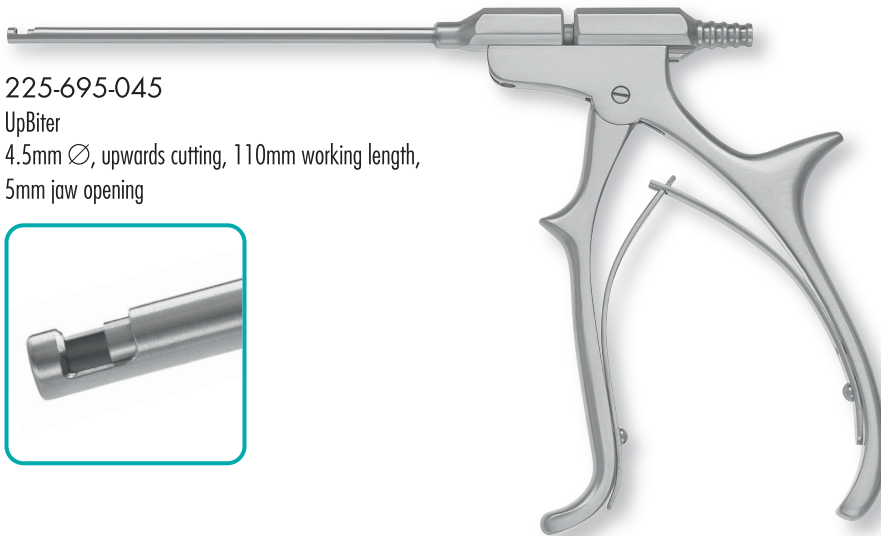
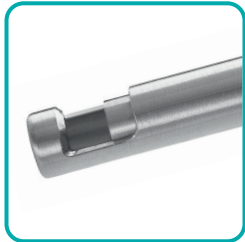


All RZ **ArthVANCE**® Suction Punches feature an universal tube connector for simultaneous punching and evacuation of tissue, cartilage or bone parts.

225-695-045

UpBiter

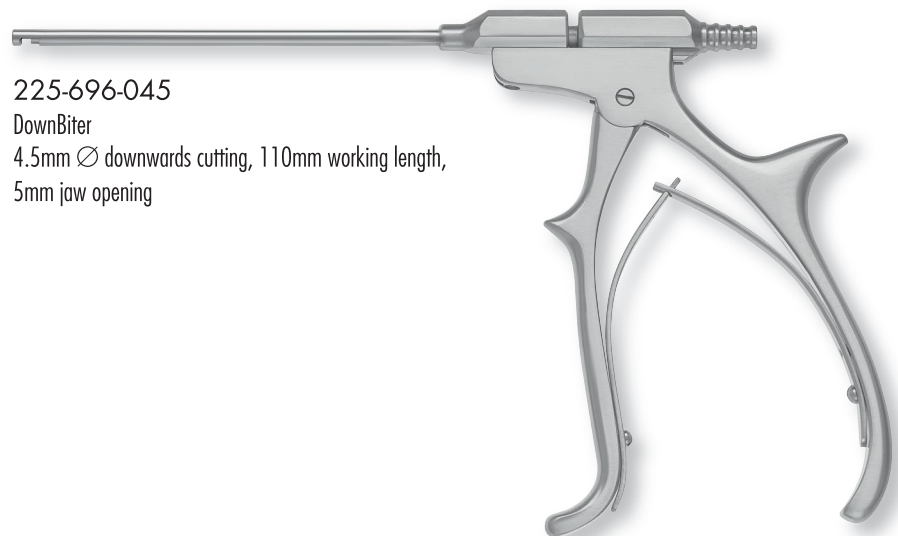
4.5mm Ø, upwards cutting, 110mm working length,
5mm jaw opening



225-696-045

DownBiter

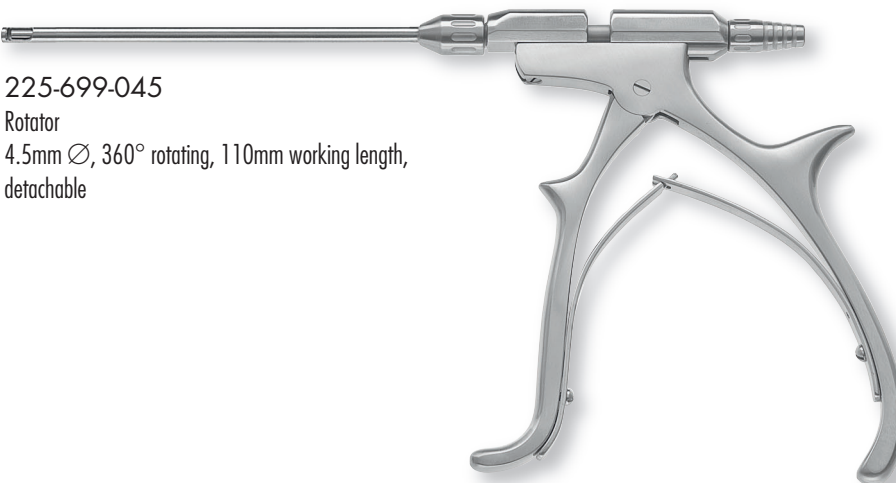
4.5mm Ø downwards cutting, 110mm working length,
5mm jaw opening

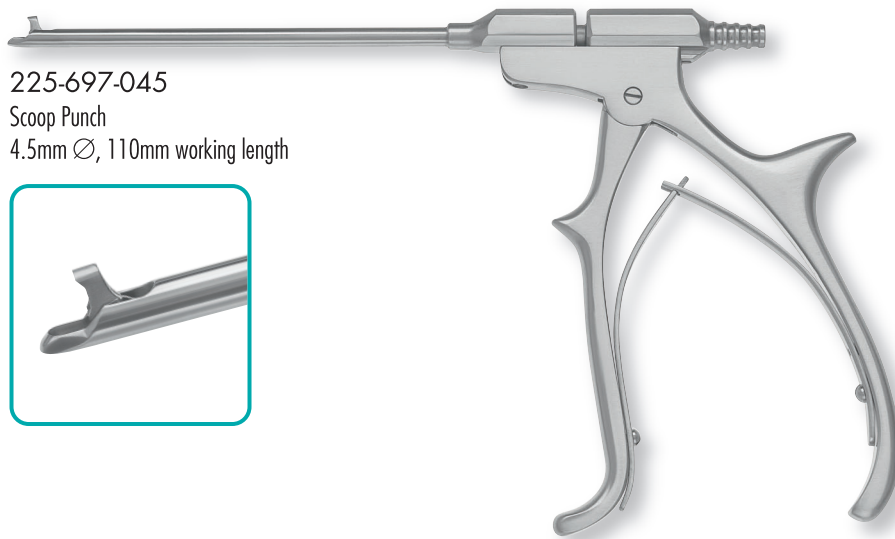


225-699-045

Rotator

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

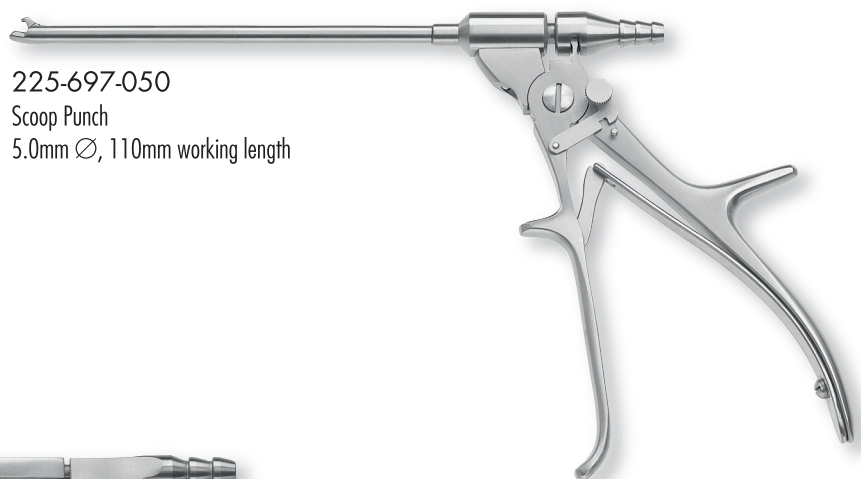




225-697-045

Scoop Punch

4.5mm Ø, 110mm working length



225-697-050

Scoop Punch

5.0mm Ø, 110mm working length



225-693-040

Scoop Punch, straight

4.0mm Ø, 110mm working length, with ring handle

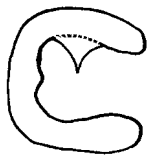


225-694-040

Upwards curved



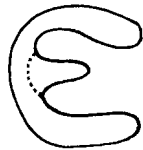
Punches and Scissors



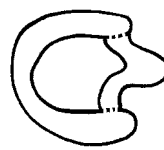
**Parrot
Beak Tear**



**Transverse
Tear**



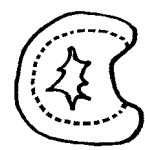
Flap Tear



**Bucket
Handle
Tear**



**Complex
Tear**



**Discoid
Meniscus
Degenerative
Tear**

		PAGE		PAGE		PAGE		PAGE		PAGE		PAGE
POSTERIOR	Slimline Punch	12	Slimline Punch	12	Slimline Punch	12	Slimline Punch	12	Slimline Punch	12	Slimline Punch	12
	Duckling	11	Duckling	11	Duckling	11	Duckling	11	Duckling	11	Duckling	11
	Scissors Punch	18	Scissors Punch	18	Basket Punch UpBiter 1.3mm	18	Scissors Punch	18	Scissors Punch	18	Scissors Punch	18
	Oval Punch	12	Oval Punch	12	Oval Punch	12	Hook Scissors 60°	17	Oval Punch	12	Oval Punch	12
PARS INTERMEDIA	Duckling	11	Duckling	11	Duckling	11	Duckling	11	Duckling	11	Duckling	12
	Basket Punch 1.5mm	14	Basket Punch 1.5mm	14	Basket Punch 1.5mm	14	Oval Punch	12	Basket Punch 1.5mm	14	Hook Scissors 60°	17
	Basket Punch 1.3mm	18	Basket Punch 1.3mm	18	Basket Punch 1.3mm	18		18	Basket Punch 1.3mm	18	Oval Punch	18
	Punch 1.0 mm	18	Punch 1.0 mm	18	Punch 1.0 mm	18			Basket Punch 2.7mm	18		
	Basket Punch 2.7mm	18	Scissors Punch	18	Duckling UpSwept	11			Oval Punch	12		
	Basket Punch 3.4mm	18	Oval Punch	12	Scissors Punch Upbiter	18						
	Oval Punch	12	Meniscal Elevator	13	Meniscal Elevator	13						
ANTERIOR					Oval Punch	12						
	Side Cutter 90°	15	Side Cutter 90°	15	Side Cutter 90°	15	Side Cutter 90°	15	Side Cutter 90°	15	Side Cutter 90°	15
	Hook Scissors 60°	17	Hook Scissors 60°	17	Hook Scissors 60°	17	Hook Scissors 60°	17	Hook Scissors 60°	17	Hook Scissors 60°	17
	Duckbill Left up	10	Duckbill Left up	10	Duckbill Left up	10	Duckbill Left up	10	Duckbill Left up	10	Duckbill Left up	10
	Duckbill Right up	10	Duckbill Right up	10	Duckbill Right up	10	Duckbill Right up	10	Duckbill Right up	10	Duckbill Right up	10
	Backbiter	16	Scissors 20°	17	Backbiter	16	Oval Punch	12	Backbiter	16	Backbiter	16
	Oval Punch	12	Backbiter	16								
			Oval Punch	12								

Grasping Forceps

	Free Joint parts	PAGE	Narrow Joint parts	PAGE	Bucket Handle tear	PAGE	Biopsy	PAGE	Bone block at recon- struction of crutiate ligament	PAGE	Flap tear	PAGE	Small Joint fragemts	PAGE
FOR ALL JOINT PARTS	Shark	19	Cupped, 2.7mm	20	Cupped, 3.4mm	20	Rongeur	16	Shark	19	Cupped, 2.7mm	20	Cupped, 2.7mm	20
			Alligator	19	Cupped, 2.7mm	20								
			Heavy Alligator	20	Shark	19								

Basic Instrument Set Proposals

			PAGE
BASIC EQUIPMENT EACH 1 ITEM	225-400-002	Exploring Probe 2.5mm	31
	225-800-105	Duckbill Basket Punch, UpBiter	10
	225-800-205	Oval Punch, UpBiter	12
	225-800-835	Heavy Alligator Grasper, Straight	20
	225-800-405	Duckling Basket Punch, UpBiter	11
	225-800-055	Basket Punch, 1.5mm UpBiter	14
	225-800-820	Shark Grasper, Straight	19
	225-800-707	Backbiter Left	16
EXTENSION	225-697-050	Scoop suction Punch, 5.0mm Ø	25
	225-800-905	Meniscal Elevator Basket Punch, UpBiter	13
	225-800-107	Duckbill Basket Punch, UpBiter Left	10
	225-800-413	Duckling Basket Punch Straight Left	11

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.

ArthVANCE® Currettes, Spoons, Rasps, Chondro-Picks and Hook Probe



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.

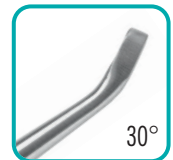
A wide range of different tip designs and different angles give the surgeon full flexibility in Arthroscopic approaches.

Currettes

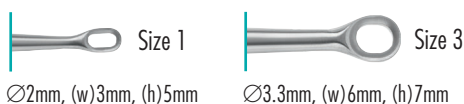


225-600-511 Oval Curette, Size 1, 10° angled tip, 13cm working length
225-600-512 Oval Curette, Size 2, 10° angled tip, 13cm working length
225-600-513 Oval Curette, Size 3, 10° angled tip, 13cm working length

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 Currettes (both sides sharp)

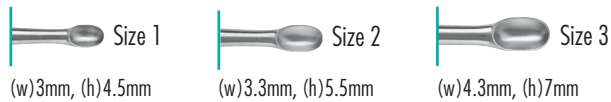


225-600-521 Two-sided Curette, Size 1, 20° angled tip, 13cm working length
225-600-523 Two-sided Curette, Size 3, 20° angled tip, 13cm working length

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

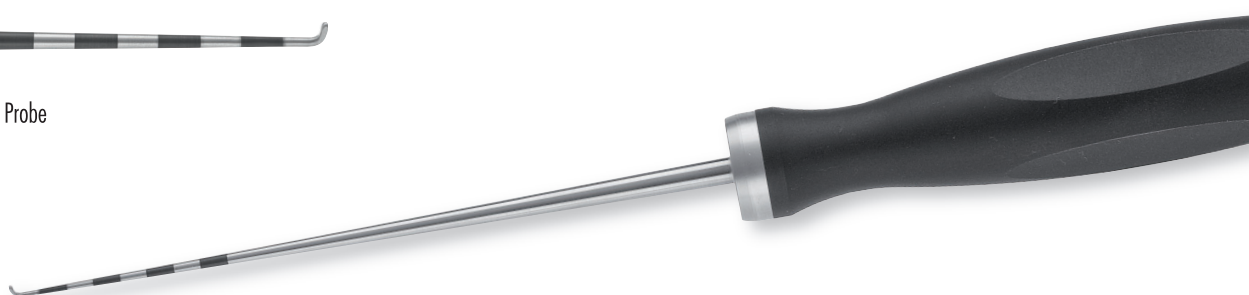


coarse serration

Hook Probe



225-600-004 Hook Probe



Micro Fracture Chondro-Picks

RZ Medizintechnik GmbH offers a complete set of 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.

5 different tip angles give the surgeon full flexibility in Micro Fracture approaches.

Special hardened stainless steel ensures a long life-time of each Pick.



225-600-200
Chondro-Pick straight



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



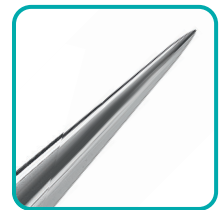
225-600-240
Chondro-Pick 40° angled tip



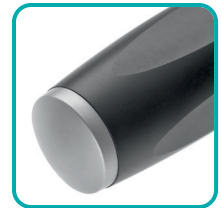
225-600-260
Chondro-Pick 60° angled tip



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



Special hardened stainless
steel for reliable working

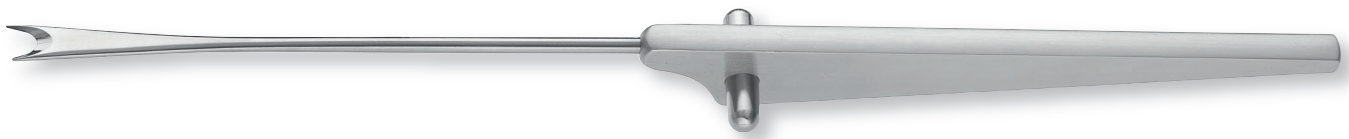


Integrated Impact protection



225-600-300
Mallet for Chondro-Picks

Hand Instruments with solid 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 Meniscotome, 3mm wide,
straight cutting edge



225-400-038
Hook Knife, reverse cutting



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



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



225-400-023
Smilie Meniscotome 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



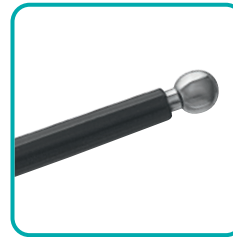






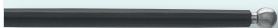



Monopolar Arthroscopy Electrodes, reusable, autoclavable 134°C, insulated, 4.0mm and 2.4mm plug, working length 115mm

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



2.4mm
International
e. g. Arthrex, Linvatec
compatible

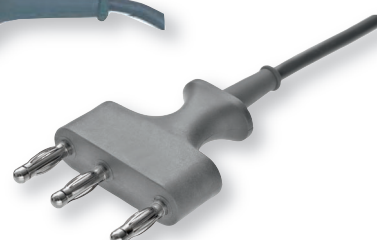


	225-700-001		225-710-001		Needle Electrode, tip 90° angled, 1.5mm long x 0.6mm ø
	225-700-002		225-710-002		Needle Electrode, tip 90° angled, 4.0mm long x 0.6mm ø
	225-700-003		225-710-003		Monopolar Arthroscopy Knife Electrode, 45° angled, cranked
	225-700-005		225-710-005		Palpation Electrode, tip 90° angled, 4.0mm long x 1.5mm ø
	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


1 banana pin 4mm

Martin, Berchtold,
Aesculap GK55 + sGK60

Erbe

Valleylab, Lamidey,
EMC

SDS Plug

	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	—

round-plug 4mm (instrument side)



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



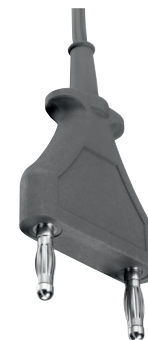
2-banana-pin *



Erbe



Martin, Berchtold,
Aesculap GK55 + sGK60



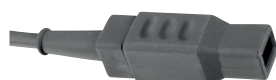
Valleylab, Lamidey,
EMC



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



3m	700-350-030	700-101-001	700-287-030	700-351-031	—
5m	700-350-050	700-101-000	700-287-050	700-351-051	—

* 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

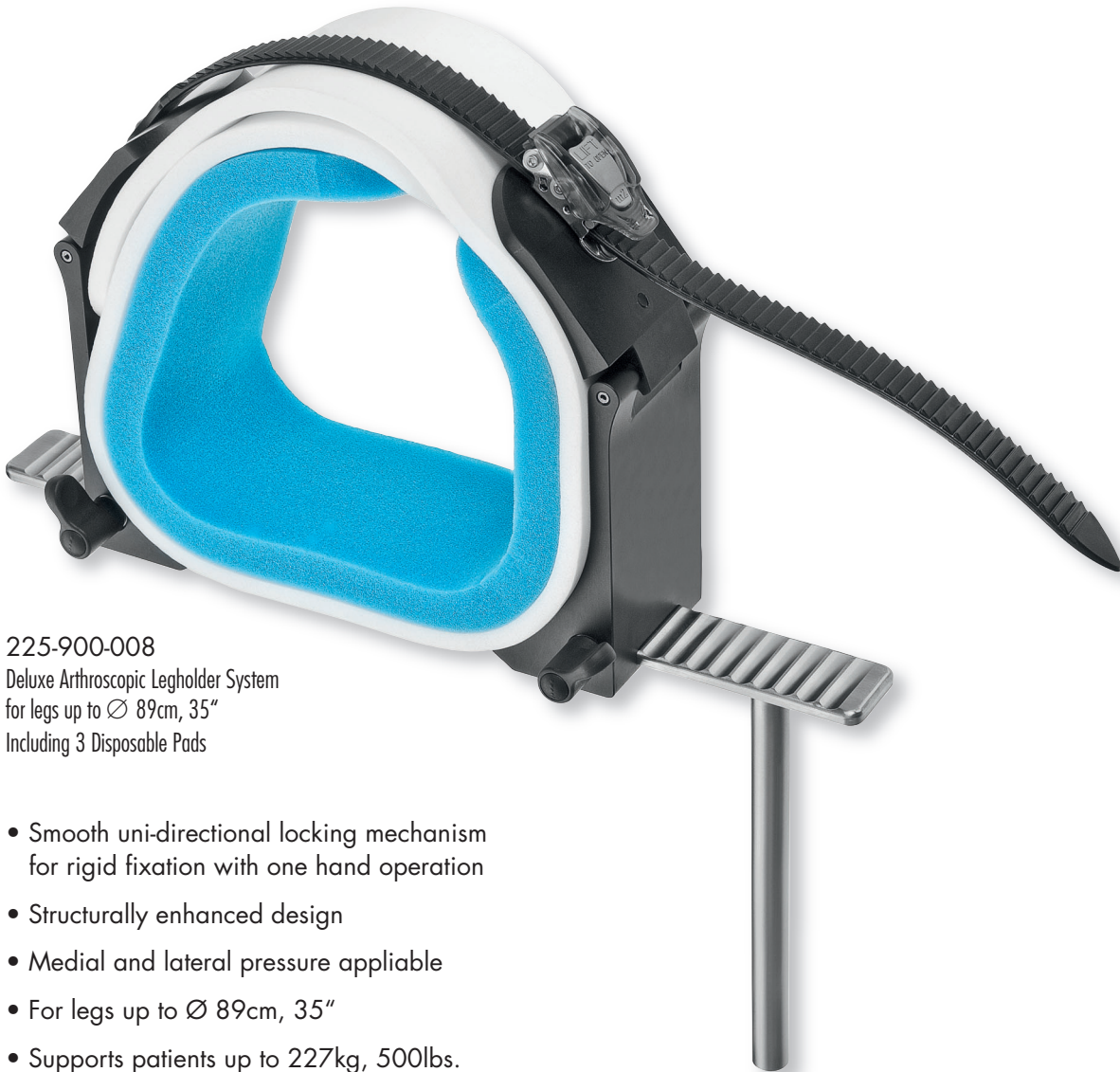
- Surgical table mounting bar not necessary
- Easy to clean and sterilizing
- Can be placed at femoral and shank



Wide, slightly convex support for femoral



Smaller, more round support for shank

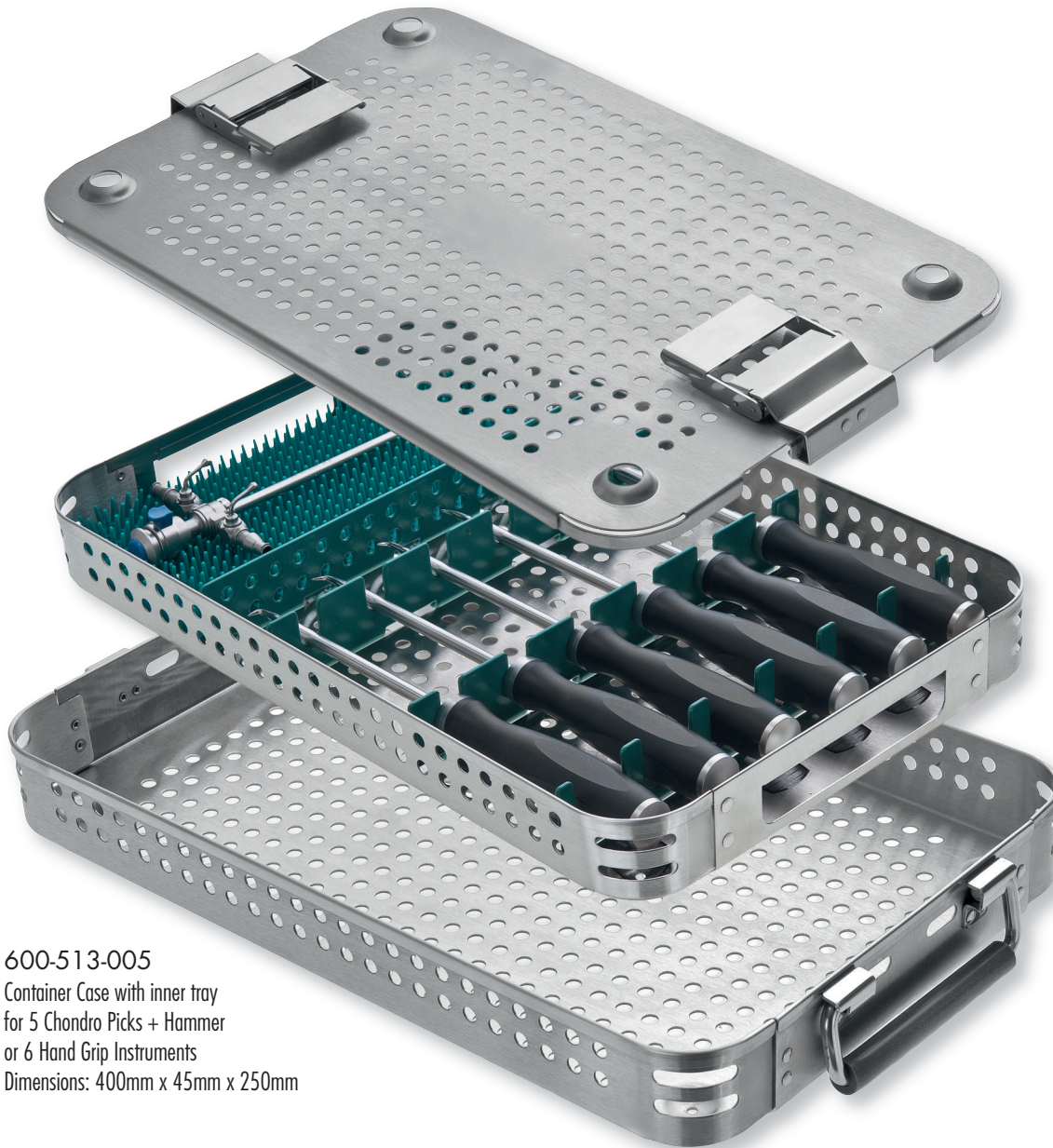


225-900-008
Deluxe Arthroscopic Legholder System
for legs up to Ø 89cm, 35"
Including 3 Disposable Pads

- 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.



Instruments and
Equipment for
Shoulder and Hip

ArthVIEW® Telescopes for large joint, 4.0mm, 175mm length



FULL HD

0° 30° 45° 70°

Colour coded rings identify the „direction of view“

Removable eyepiece for C-mount connection or RZ QuickSnap locking

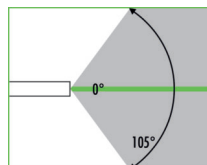
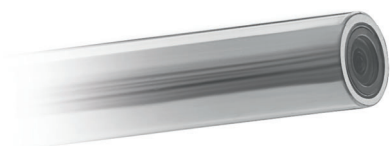
3-step light post adaptors to connect the most common light cables directly to the endoscope

Sapphire glasses ensure highest stability against damages on the lens system

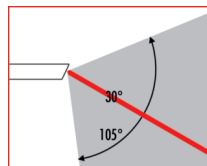
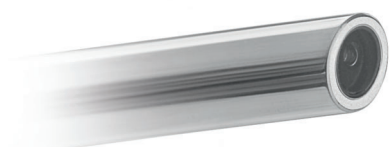
Optimised glass fibre arrangements ensure an uniform image brightness of highest quality

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

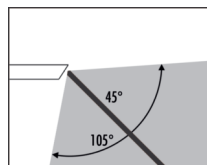
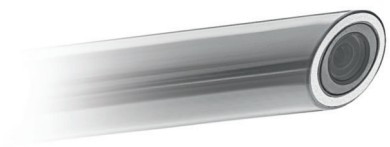
Fully Autoclavable at 134°C and 2.3bar



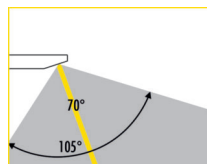
| 225-140-000 ArthVIEW telescope 0° direction of view, 4.0mm diameter, 175mm length



| 225-140-030 Same, 30° direction of view



| 225-140-045 Same, 45° direction of view



| 225-140-070 Same, 70° direction of view

ArthFLOW® Sheath System

All RZ ArthFLOW Arthroscope sheaths feature:

360° rotating stopcocks – easy handling of suction/irrigation tubes

Complete stainless steel – easy to clean, maximum infection control

Colour coded for easy identification of diameters – easy to find in the Arthroscope set

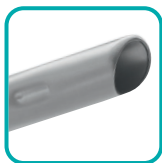
Telescope stabilizing system – less damages on telescopes

For use with RZ 0°, 30°, 45° and 70° telescopes

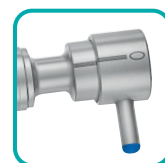
For use in large joints and with 4.0mm, 175mm long ArthVIEW telescopes



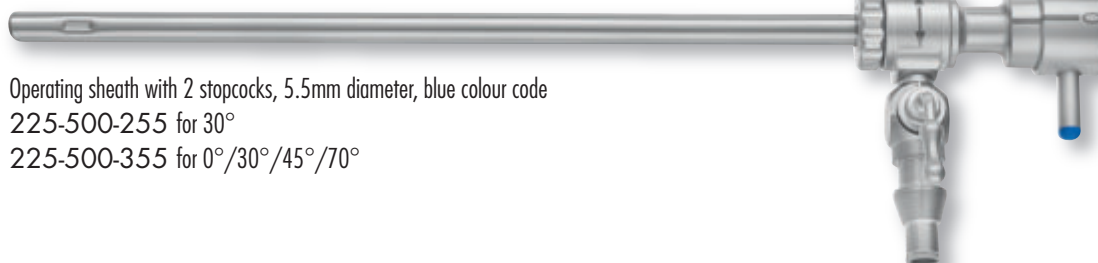
For 30°



Universal
0°/30°/45°/70°



Rotating Telescope
locking



Operating sheath with 2 stopcocks, 5.5mm diameter, blue colour code

225-500-255 for 30°

225-500-355 for 0°/30°/45°/70°



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

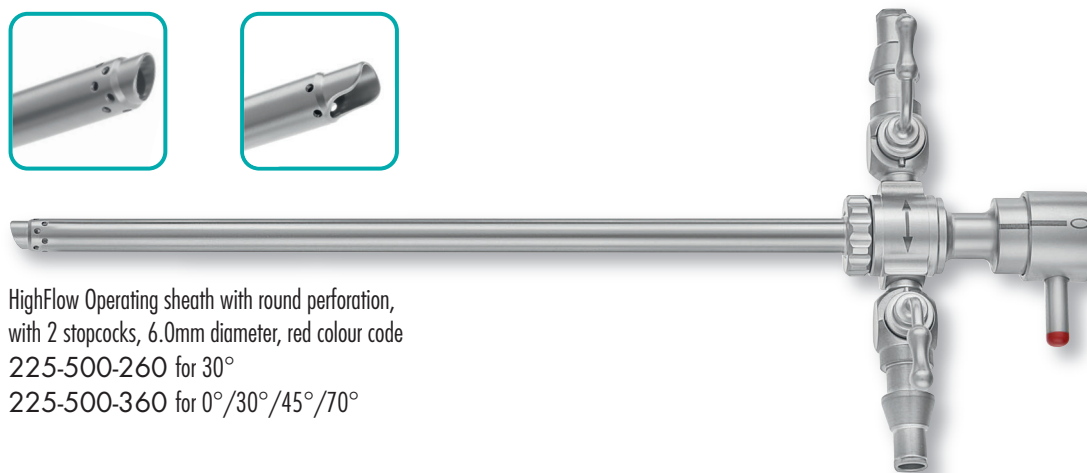


225-500-655 Sharp Trocar for Operating sheath 5.5mm diameter, blue colour code

For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, 6.0mm diameter, red colour code

225-500-260 for 30°

225-500-360 for 0°/30°/45°/70°

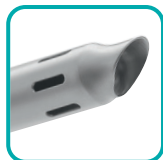


225-500-560 Blunt Obturator for HighFlow Operating sheath, 6.0mm diameter,
red colour code

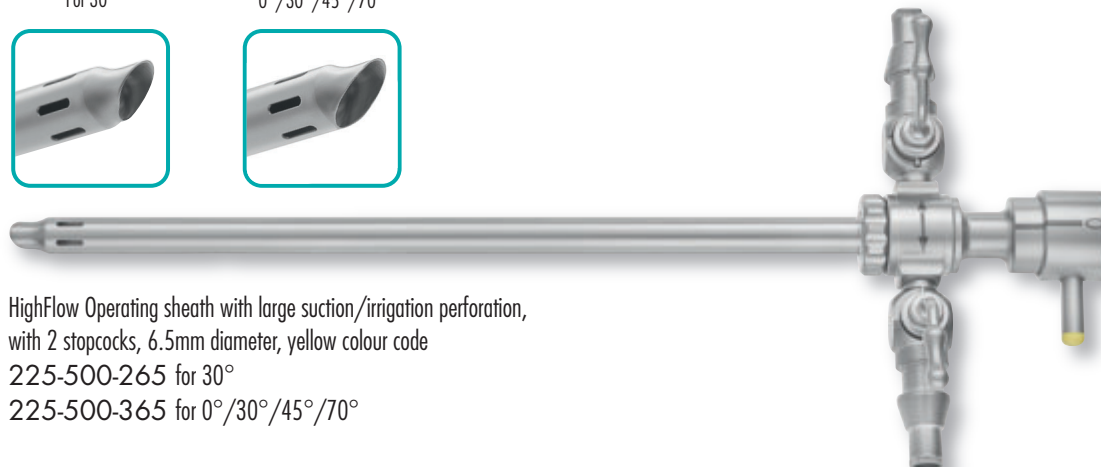


225-500-660 Sharp Trocar for HighFlow Operating sheath, 6.0mm diameter,
red colour code

For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with large suction/irrigation perforation,
with 2 stopcocks, 6.5mm diameter, yellow colour code

225-500-265 for 30°

225-500-365 for 0°/30°/45°/70°



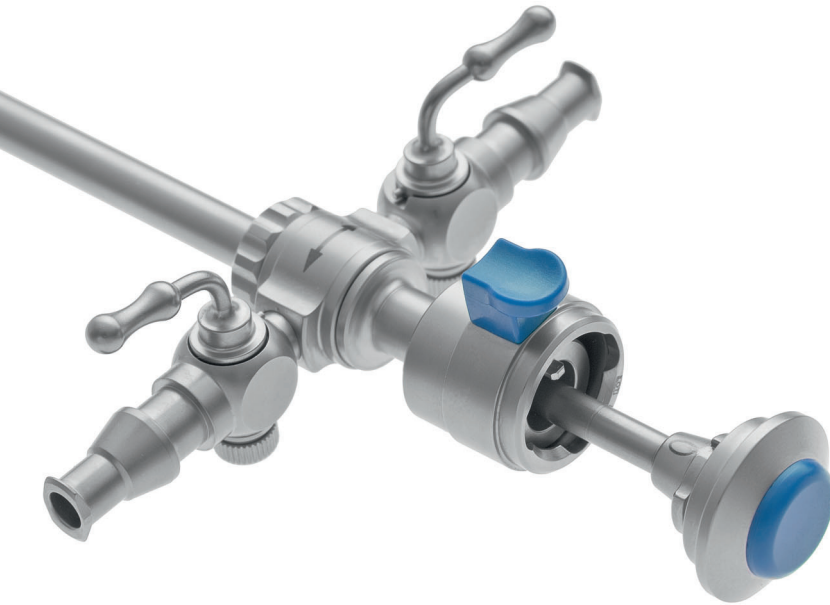
225-500-565 Blunt Obturator for HighFlow Operating sheath, 6.5mm diameter,
yellow colour code



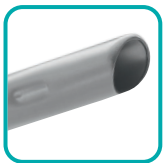
225-500-665 Sharp Trocar for HighFlow Operating sheath, 6.5mm diameter,
yellow colour code



ArthFLOW® Sheath System with Quick-Lock



For 30°

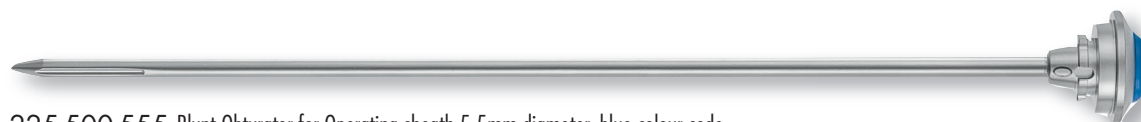


Universal
0°/30°/45°/70°



Quick-lock Telescope
locking

Operating sheath with 2 stopcocks, 5.5mm diameter, blue colour code
225-550-255 for 30°
225-550-355 for 0°/30°/45°/70°



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



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

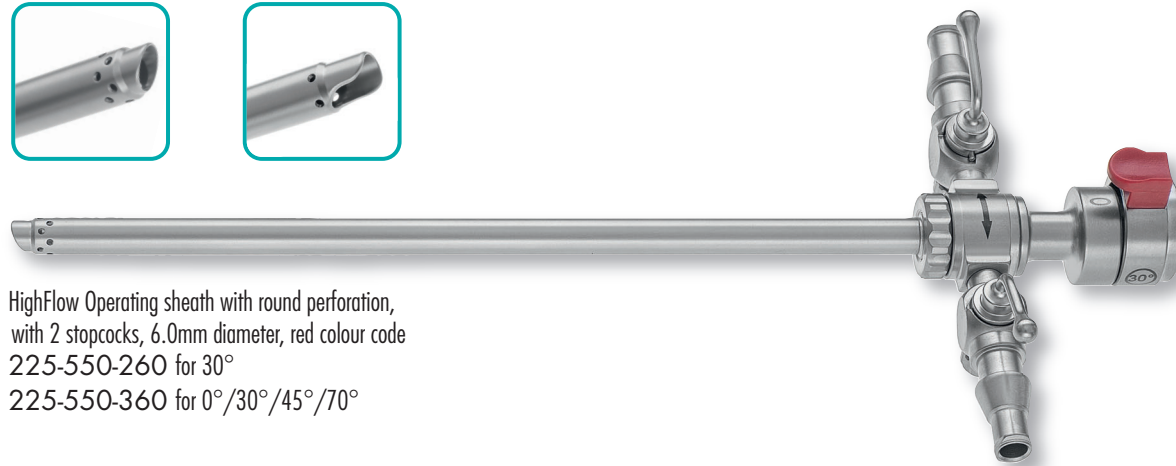
For 30°



Universal
0°/30°/45°/70°



HighFlow Operating sheath with round perforation,
with 2 stopcocks, 6.0mm diameter, 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, 6.0mm diameter,
red colour code



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



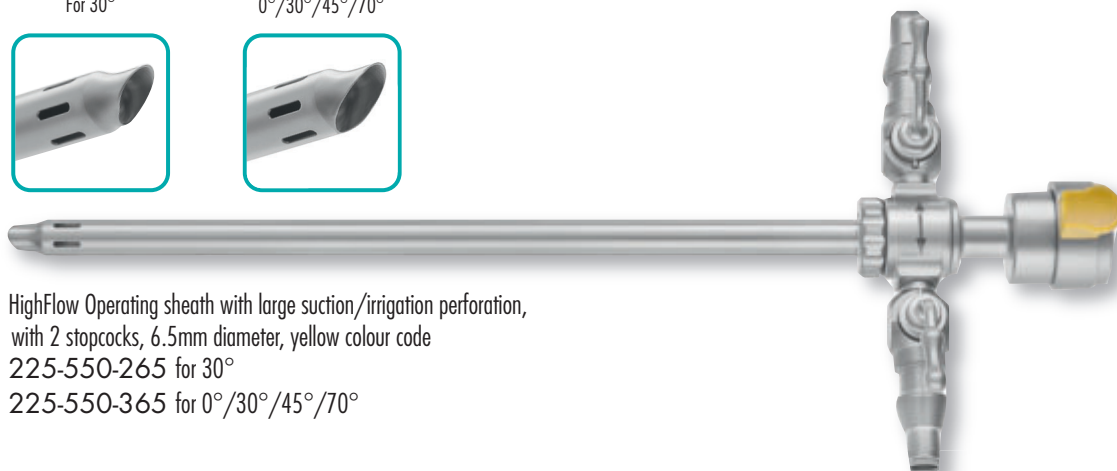
For 30°



Universal
0°/30°/45°/70°



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

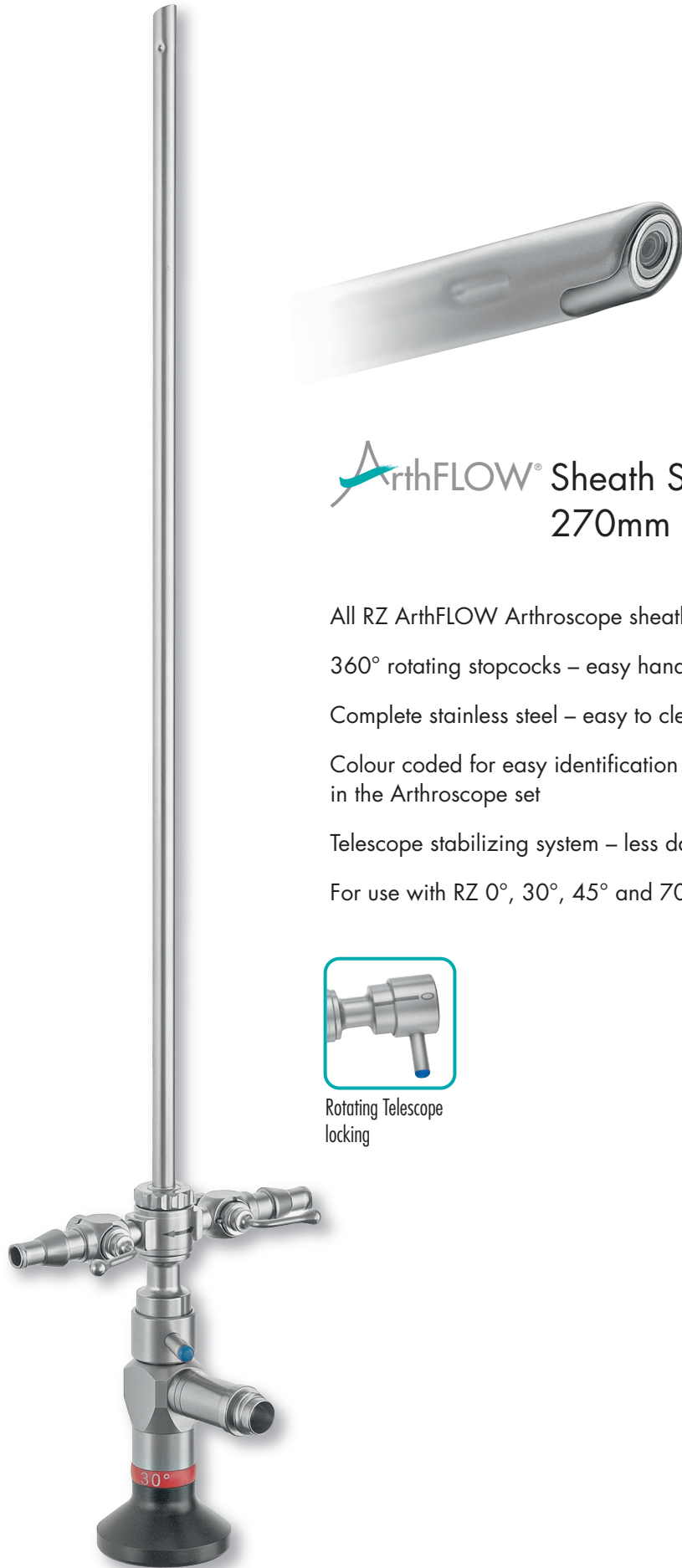


225-500-565 Blunt Obturator for HighFlow Operating sheath, 6.5mm diameter,
yellow colour code



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





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, maximum infection control

Colour coded for easy identification of diameters – easy to find in the Arthroscope set

Telescope stabilizing system – less damages on telescopes

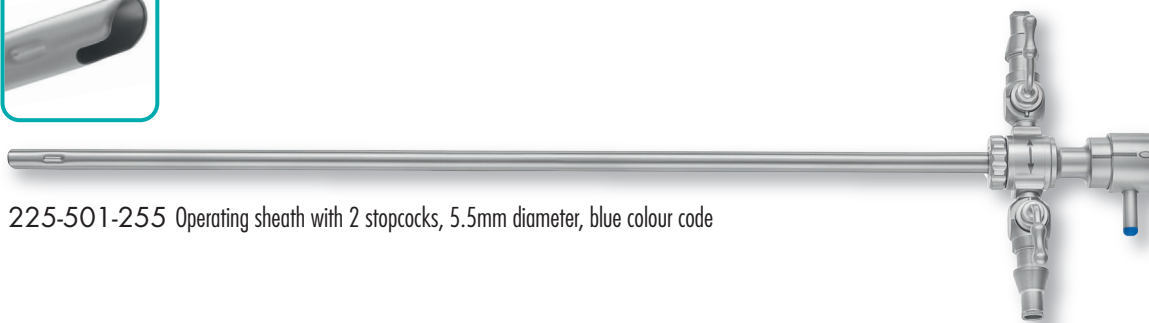
For use with RZ 0°, 30°, 45° and 70° telescopes



Rotating Telescope
locking



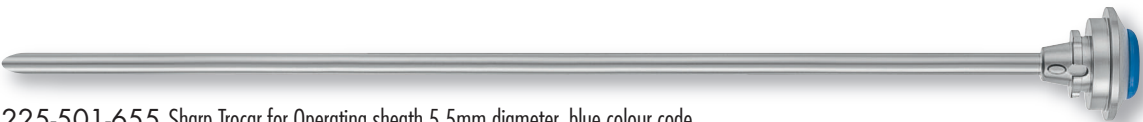
225-804-030 RZ Arthroscope for Hip, 4.0mm Ø, 30°



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

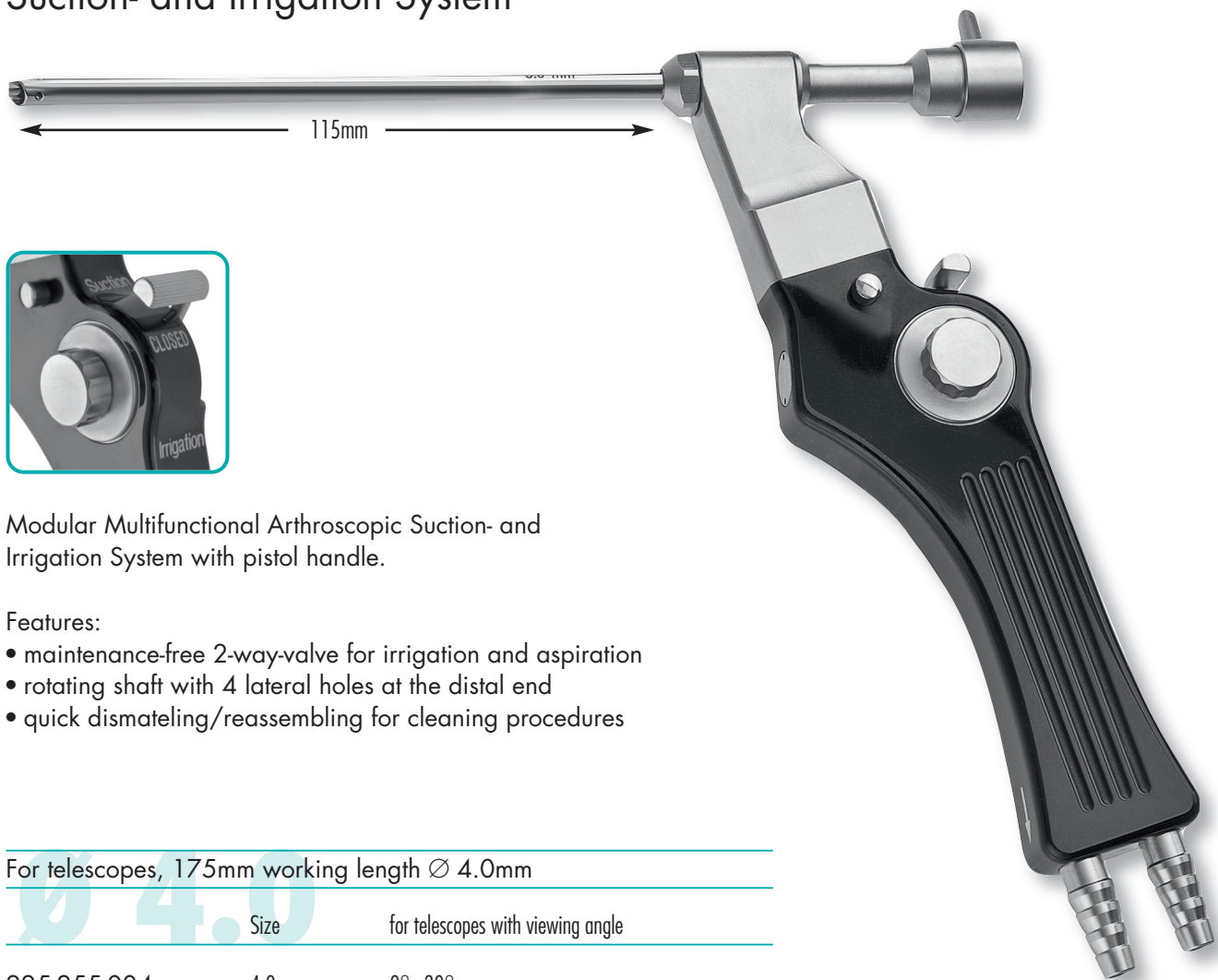


225-501-555 Blunt Obturator for Operating sheath 5.5mm diameter, blue colour code



225-501-655 Sharp Trocar for Operating sheath 5.5mm diameter, blue colour code

Suction- and Irrigation System



Modular Multifunctional Arthroscopic Suction- and Irrigation System with pistol handle.

Features:

- maintenance-free 2-way-valve for irrigation and aspiration
- rotating shaft with 4 lateral holes at the distal end
- quick dismateling/reassembling for cleaning procedures

For telescopes, 175mm working length \varnothing 4.0mm

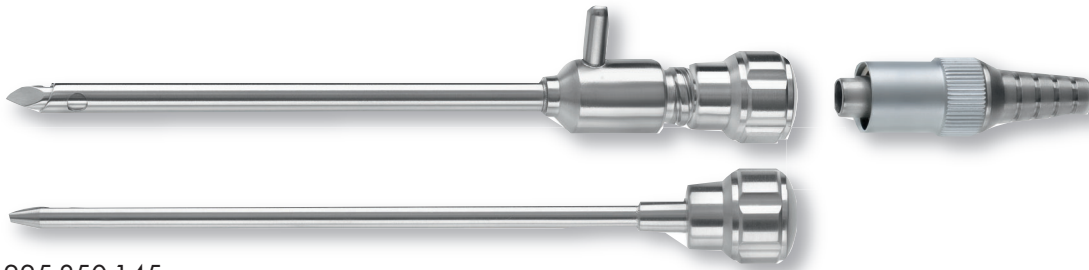
	Size	for telescopes with viewing angle
225-255-004	4.0mm	0° - 30°
225-256-004	4.0mm	70°



Sharp trocar with pyramidal tip
225-255-104 \varnothing 4.0mm



Blunt obturator
225-257-104 \varnothing 4.0mm



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 Ø 2.3mm

225-850-001 Ø 3.5mm



300-011-181

LuerLock tube connector 9mm



Obturator, blunt

225-850-002 Ø 2.3mm

225-850-004 Ø 3.5mm



300-011-506

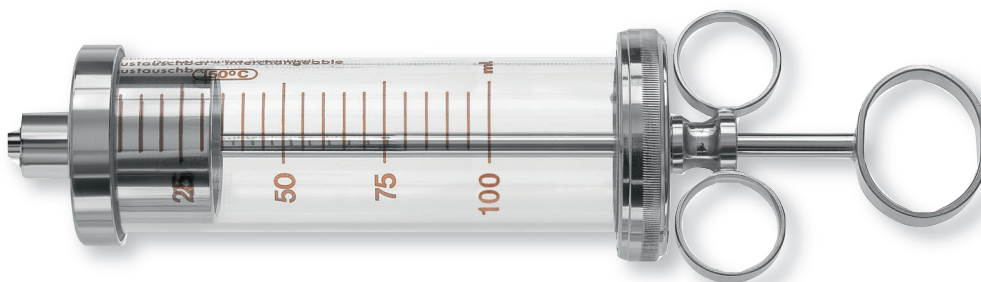
LuerLock tube connector 6mm



Obturator, sharp, 70mm working length

225-850-003 Ø 2.3mm

225-850-005 Ø 3.5mm



225-852-000

Irrigation syringe, 100ml



Guiding and changing rods for use with trocar sheath

225-865-027 Ø 2.7mm x 230mm

225-865-030 Ø 3.5mm x 230mm

225-865-040 Ø 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	225-830-002
UpBiter	225-830-005

Jaw 45° Left	225-830-003
Jaw 45° Right	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)	225-830-405
UpSwept (Medium)	225-830-411





■ cut size

BACKBITER
220mm working length



RING HANDLE

Left	225-830-707
Right	225-830-709



220mm working length

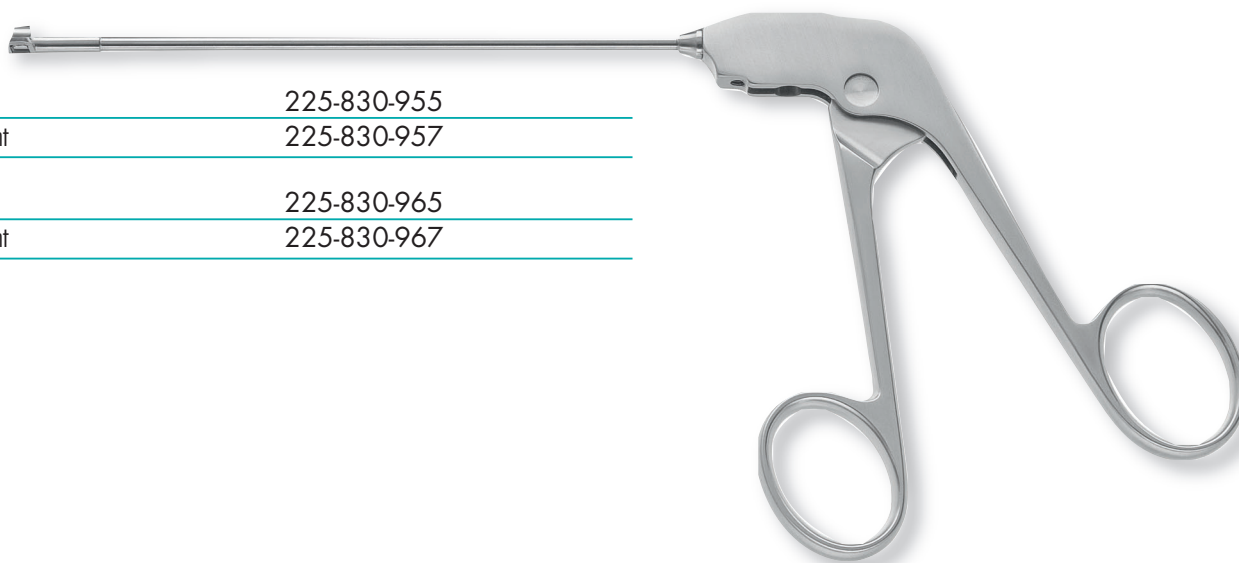


RING HANDLE

■ cut size 2.2mm

■ cut size 3.4mm

2.2mm Left	225-830-955
2.2mm Right	225-830-957
3.4mm Left	225-830-965
3.4mm Right	225-830-967



RZ offers a wide selection of specific tip configurations to provide a maximum grasping capability. All RZ Graspers come with the infinite-position, **SlideLock handle** for easy and intuitive grasping.



SHARK GRASPER 220mm working length

With blunt 1x2 teeth and serrated inner jaws



SLIDE LOCK RING HANDLE

Straight

225-830-820



HEAVY ALLIGATOR GRASPER 220mm working length

Long and heavy jaw with multiple serrations



SLIDE LOCK RING HANDLE

Straight

225-830-835





CUPPED GRASPER
220mm working length
Cupped jaw with atraumatic serrations



SLIDE LOCK RING HANDLE

3.3mm jaw

225-830-833



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




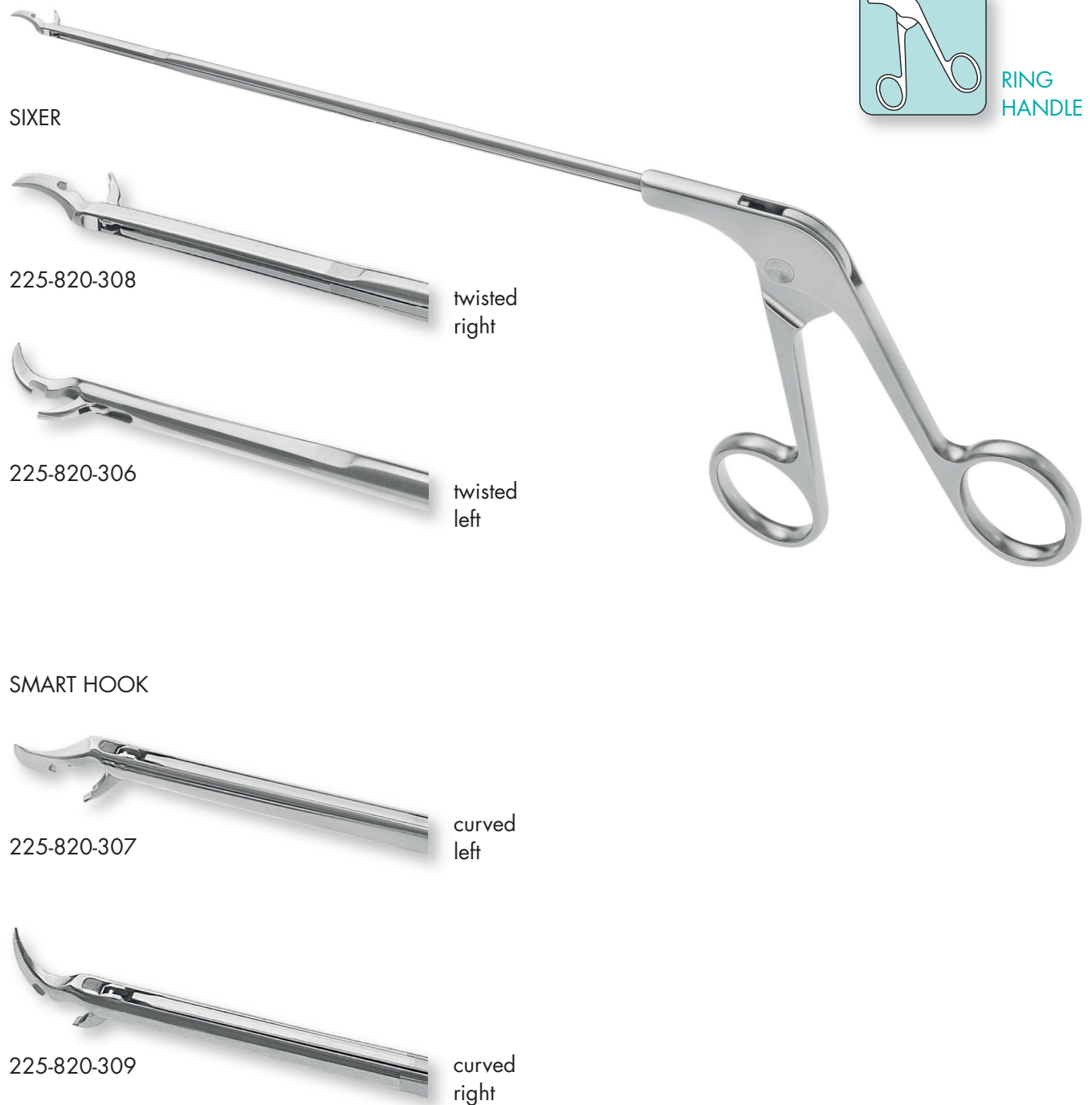
RING HANDLE

Straight

225-830-920



RZ  suture instruments offer the latest technology for arthroscopic shoulder surgery: For a perfect Rotator Cuff Repair, the SMART HOOK gives best support; labral repair & capsule shift will be assisted by the SIXER who makes suture placement easy at the 6 o'clock position. The BIRDY will support you best possible for SLAP repair, labral repair and for rotator cuff repair.



BIRDY



straight



225-820-400



20° upwards
angled



225-820-402



40° upwards
angled



225-820-404



45° right
bended



225-820-406



45° left
bended



225-820-408

ArthVANCE® Suture Cutter



225-820-100
Suture Cutter with V-notch for pushing
and cutting the knot

Kölbel Skin and Tissue Spreader with blunt tips

259-257-016

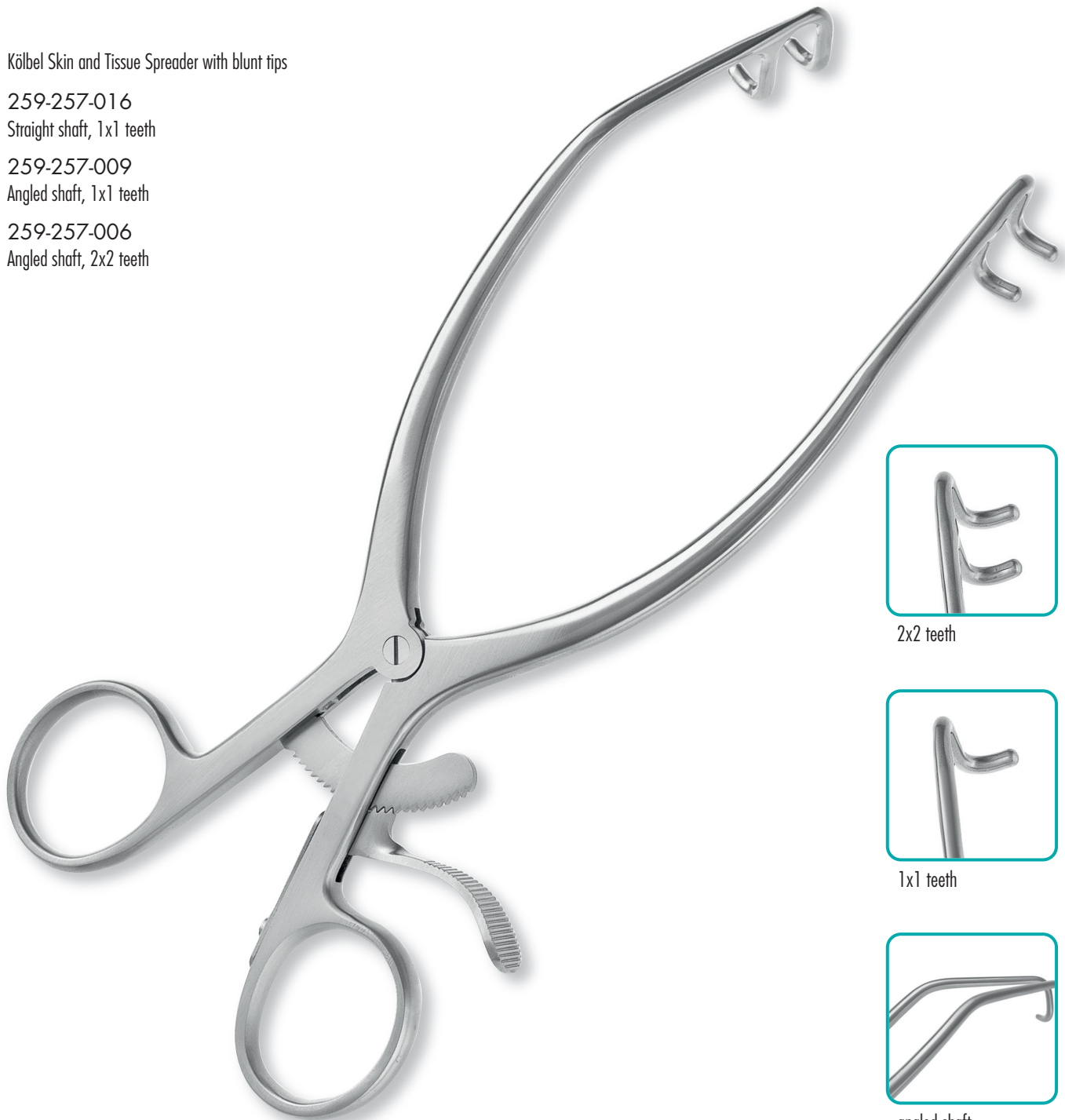
Straight shaft, 1x1 teeth

259-257-009

Angled shaft, 1x1 teeth

259-257-006

Angled shaft, 2x2 teeth



2x2 teeth



1x1 teeth



angled shaft



259-257-007 Kölbel Capsule Retractor, blunt tips, 90° curved, 1 x 1 teeth

Köbel Self-Retaining Retractor Set with interchangeable Blades

259-257-002

Self-Retaining Retractor, slightly angled, 20cm, 8"
for use with adaptable blades that can be
selected from below.



Single blade

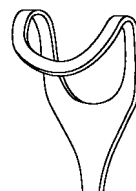
259-257-003	36 x 36 mm
259-257-004	53 x 36 mm
259-257-005	68 x 36 mm
259-257-013	36 x 20 mm
259-257-014	53 x 20 mm
259-257-015	68 x 20 mm



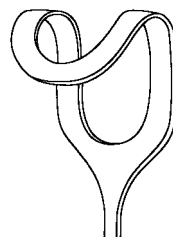
Middeldorp Retractor
Handle Fig. 1
170-363-00X



170-363-001
170-325-001
215mm, 8¹/₂"
14x17mm



170-363-002
170-325-002
220mm, 8⁵/₈"
20x22mm



170-363-003
170-325-003
235mm, 9¹/₄"
26x30mm



Middeldorp Retractor
Handle Fig. 2
170-325-00X



250-975-170
Inge lamina spreader, with teeth,
16.5cm, 6 1/2"

250-975-230
With teeth, 24cm, 9 1/2"



210-905-190
Bankhart Rotator Retractor,
19.0cm, ring left side

210-907-190
Bankhart Rotator Retractor,
19.0cm, ring right side



Ring left side



Ring right side

210-905-250
Bankhart Rotator Retractor,
25.0cm, ring left side

210-907-250
Bankhart Rotator Retractor,
25.0cm, ring right side



259-901-180
Fukuda Retraktor, small, 18cm, 7"
32mm blade



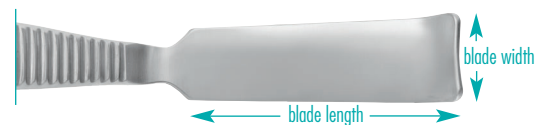
259-902-180
Fukuda Retraktor, large, 18cm, 7"
38mm blade



259-900-225
Fukuda-Kujat Retraktor, small,
22.5cm, 8^{3/4}", 30mm blade



259-903-225
Fukuda-Kujat Retraktor, large,
22.5cm, 8^{3/4}", 35mm blade



Cloward Retractor Blade, 18cm, 7" overall length

259-260-001
70mm x 13mm blade

259-260-002
75mm x 18mm blade

259-260-003
75mm x 20mm blade

259-260-004
75mm x 23mm blade



Darrach Shoulder Elevator

259-260-009

9mm wide, 26.0cm,
10 1/4" overall length

259-260-012

12mm wide, 26.0cm,
10 1/4" overall length

259-260-016

16mm wide, 26.0cm,
10 1/4" overall length

259-260-020

20mm wide, 26.0cm,
10 1/4" overall length

259-260-025

25mm wide, 36.0cm,
14 1/8" overall length



Hook end

Kölbel Shoulder Elevator,
2 sharp prongs

210-537-281

15mm wide tip

210-537-282

20mm wide tip

210-537-283

15mm wide tip, with hook end

210-537-284

20mm wide tip, with hook end



smooth end

Kölbel Shoulder Elevator,
2 sharp prongs

210-537-285

18mm wide tip, slightly curved



259-258-422

Thin Glenoid Neck Retractor,
wide, 22mm wide tip,
28cm, 11" overall length



259-258-414
Thin Glenoid Neck Retractor,
Narrow, 14mm wide tip,
28cm, 11" overall length



Capsule Retractor for use in Bankhart
surgery, 25cm, 10" overall length

259-258-251

1 Prong

259-258-252

2 Prongs

259-258-253

3 Prongs



1 Prong



2 Prongs



3 Prongs



259-254-020
Bristow Bankart Capsule Retractor
with 3 teeth, 20mm, 10"



259-253-180
Bristow Bankart
Soft tissue retractor,
19cm, 7 1/2"
with 3 blunt prongs,
21mm blade width



259-258-100
Anterior Glenoid Neck Retractor,
25mm wide tip, 28cm,
11" overall length



259-258-150
Agrawal Talon Retractor,
40.7mm wide tip, 20cm,
8" overall length



259-258-200
Posterior Glenoid Neck Retractor,
30mm wide blade, 25cm,
10" overall length



259-258-400
Goldstein Glenoid Neck Retractor,
18mm wide tip at teeth,
21.5cm, 8 ½" overall length



259-258-600
Bhattman Humeral Head Retractor,
36mm wide blade, 25.5cm,
10" overall length



259-258-700
Skid Bone Elevator,
double ended, 28cm,
11" overall length



259-258-500
Humeral Head Retractor,
18cm, 7" overall length



259-252-180
Bristow Bankart Humerus Retractor, 25x102mm,
2 blunt prongs, with Hollow handle

259-258-550
Humeral Head Retractor, 19cm,
7¹/₂" overall length



259-258-270
Browne Deltoid Retractor,
27cm, 10¹/₂" overall length,
60x65mm blade



259-258-300
Deltoid Retractor, 30mm wide head,
20cm, 8" overall length



259-258-316
Chandler Tissue Retractor,
16mm wide tip,
23cm, 9¹/₈" overall length

259-258-319
19mm wide tip

259-258-325
25mm wide tip



259-258-148
Percussion Awl with pyramidal tip,
21.5cm, 8 3/4" overall length



259-258-145
Large Awl with pyramidal tip,
23.5cm, 9 1/4" overall length



Pyramidal tip



Crochted Hook



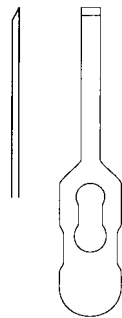
259-258-146
Large Crochted Hook Awl,
23.5cm, 9 1/4" overall length

259-258-147
Small Crochted Hook Awl,
23.5cm, 9 1/4" overall length



210-130-000

210-130-001
Spare Screw



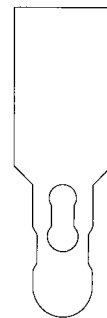
210-130-005
5mm, 8.5cm, 3¹/₄"



210-130-010
10mm, 8.5cm, 3¹/₄"

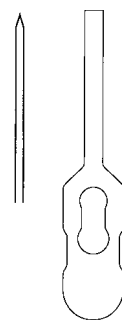


210-130-016
16mm, 8.5cm, 3¹/₄"



210-130-025
25mm, 8.5cm, 3¹/₄"

Chisel blades



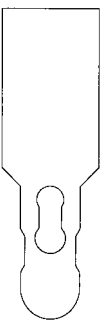
210-130-105
5mm, 8.5cm, 3¹/₄"



210-130-110
10mm, 8.5cm, 3¹/₄"

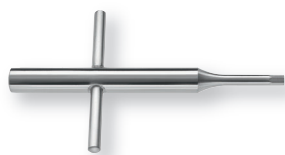


210-130-116
16mm, 8.5cm, 3¹/₄"

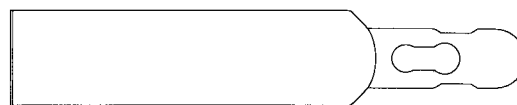


210-130-125
25mm, 8.5cm, 3¹/₄"

Osteotome blades



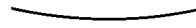
210-130-500
9cm, 3¹/₂"
Wrench



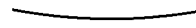
13,5cm, 5³/₈"



210-130-050
r=50mm



210-130-060
r=60mm



210-130-070
r=70mm

Gouge blades

210-130-100 Set consisting of:

- Chisel: 210-130-000
- 3 interchangeable blades: 210-130-010 (10mm)
- 210-130-016 (16mm)
- 210-130-025 (25mm)
- including hexagonal key: 210-130-500



Mallet with lead filling and
teflon handle, 260mm, 10¹/₄"

210-260-150

150g, Ø 35mm

210-260-240

240g, Ø 45mm

210-260-330

330g, Ø 50mm



Lightly curved



Strongly curved

259-900-000

Bankart Perforating Forceps,
17cm, 6 ¾", lightly curved

259-900-001

Strongly curved



210-900-185
Ruskin-Liston Bone Cutting Forceps,
straight, 18.5cm, 7¹/₃"



210-901-185
Ruskin-Liston Bone Cutting Forceps,
curved, 18.5cm, 7¹/₃"



210-880-175
McIndoe Bone cutting forceps,
15 mm wide, 17.5 cm, 7", straight



210-801-180
Ruskin Bone Rongeur Forceps,
5mm, curved, 18.0 cm, 7"



210-780-200
Marquard Bone Rongeur,
curved, 20cm, 7^{3/4}"



259-255-180
Kölbel Bone Rongeur,
strong curved, double action,
18.0cm, 7", 2.5mm to 5.0mm jaw



210-790-180
Beyer bone rongeur, 4mm
18.0 cm, 7", curved,
double action



210-791-180
Zaufel-Jansen Bone Rongeur
18.0 cm, 7", curved,
double action pattern



120-511-180
Metzenbaum Scissors
curved, TC, 17.5cm, 7"

120-511-200
20.3cm, 8"

120-511-230
23cm, 9"



121-111-180
Metzenbaum Scissors Supercut
18cm, 7"

121-111-200
20.3cm, 8"

121-111-230
23cm, 9"



180-550-160
Mayo Hegar needle holder
16.0 cm, 6 1/4"

180-550-180
18cm, 7"

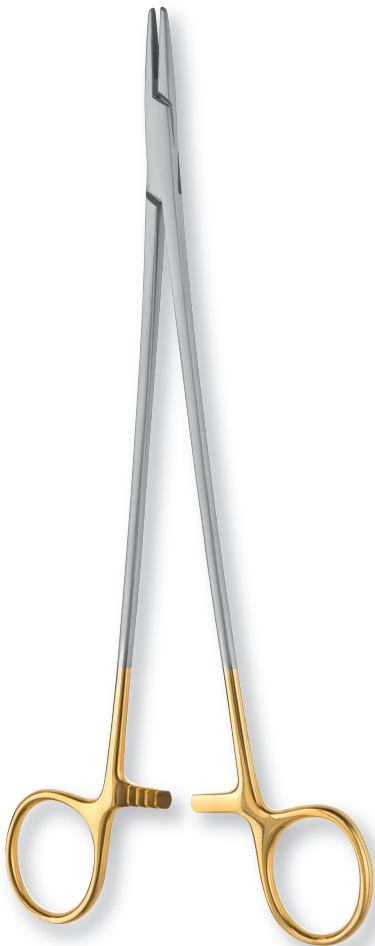
180-550-200
20.3cm, 8"

180-550-240
24cm, 9 1/2"



180-547-200
Heaney needle holder TC
20cm, 8", curved

180-547-240
24cm, 9 1/4"



180-548-180
De Bakey needle holder TC
18cm, 7", straight

180-548-200
20cm, 8"

180-548-230
23cm, 9"

180-548-260
26cm, 10¹/₄"

180-548-310
31cm, 12¹/₄"

180-548-370
37cm, 14¹/₂"



130-143-180
Bonney Tissue Forceps
18cm, 7", 1x2 teeth



130-130-145
Lane Tissue Forceps
14.5cm, 5³/₄", 1x2 teeth



130-131-200
Lane Tissue Forceps
20cm, 8", 2x3 teeth



This image shows a blank sheet of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.



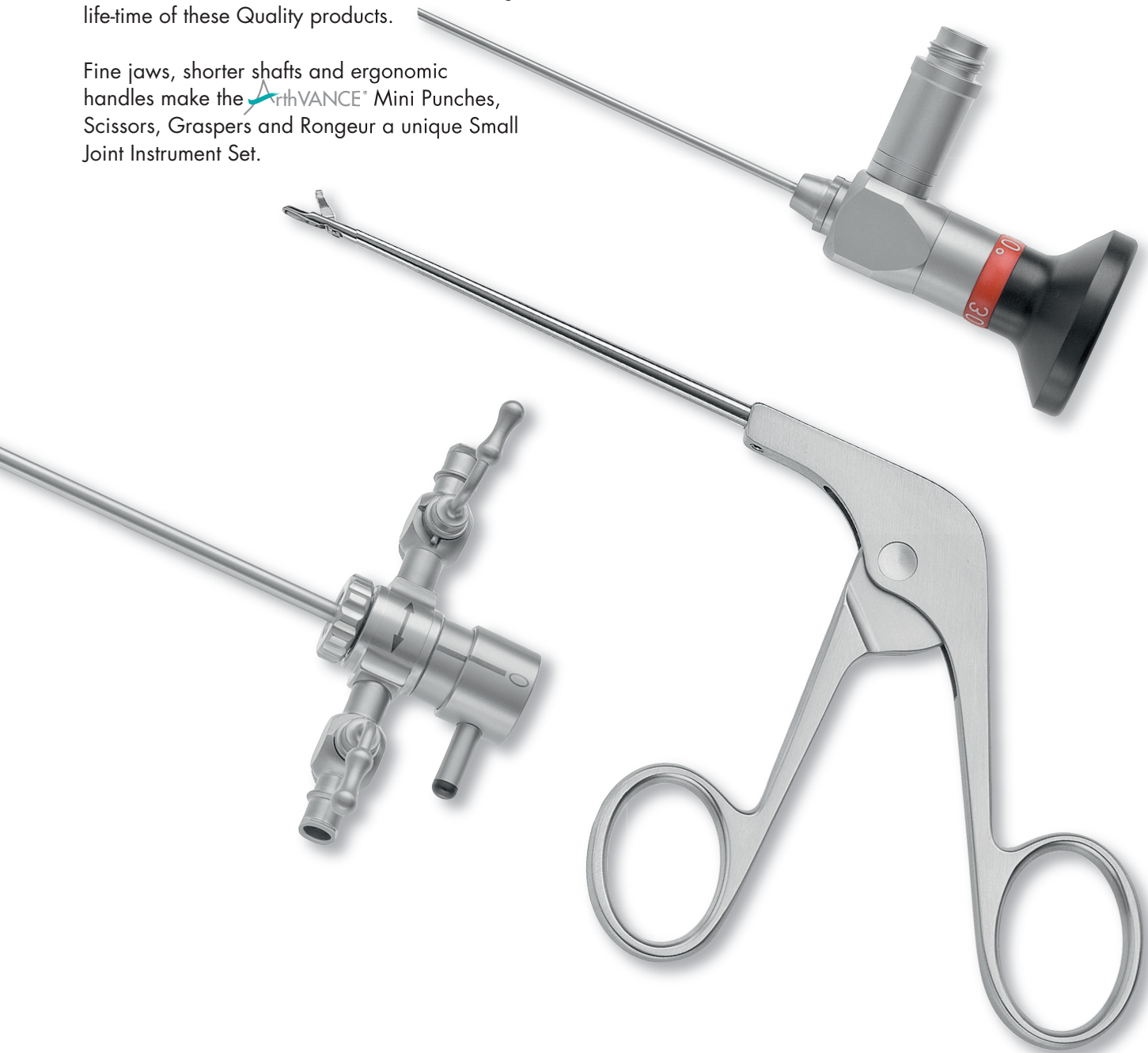
Instruments and
Equipment for
Small Joint

ArthVANCE® Small Joint Instruments for use in Wrist and Ankle Arthroscopy

The Small Joint High Definition Arthroscopes offer a large and brilliant picture for best diagnostic results.

The sturdy design of the 1.9 - 2.7mm Telescopes and use with the suitable sheaths ensure a long life-time of these Quality products.

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

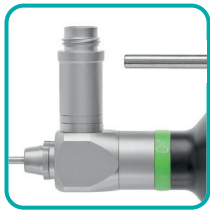




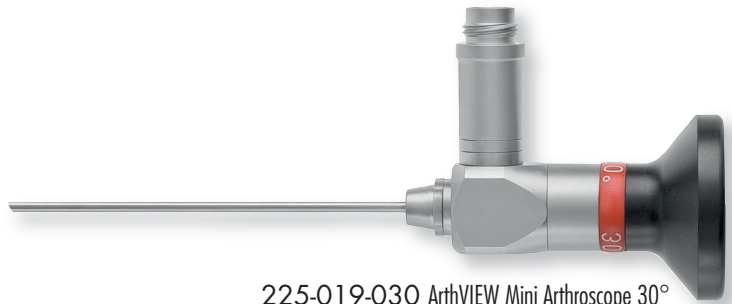
1.9mm SHEATH SYSTEM

Sheath System

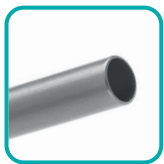
ArthVIEW® 0°, 30° Mini Telescope and ArthFLOW® Sheath System



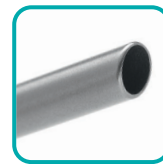
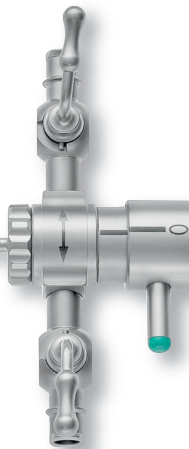
225-019-000 ArthVIEW Mini Arthroscope 0°
1.9mm, 69mm working length
125mm overall length



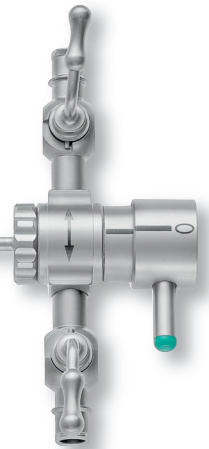
225-019-030 ArthVIEW Mini Arthroscope 30°
1.9mm, 69mm working length
125mm overall length



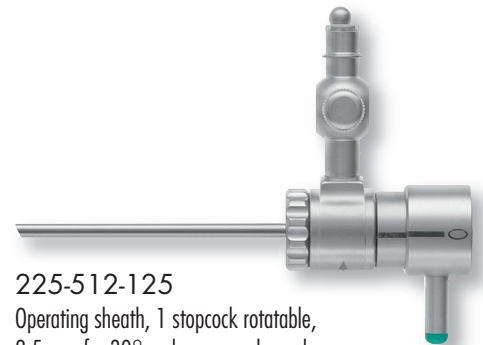
225-511-225
Operating sheath 2 stopcocks,
rotatable, 2.5mm, for
0° endoscope, color code: green



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



1.9mm



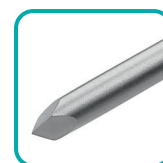
225-512-125
Operating sheath, 1 stopcock rotatable,
2.5mm, for 30° endoscope, color code: green



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

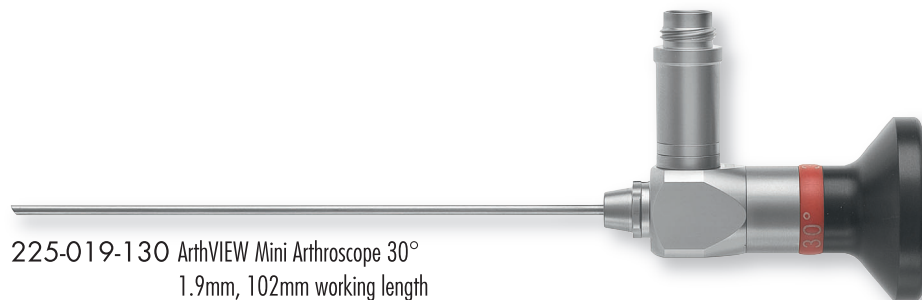




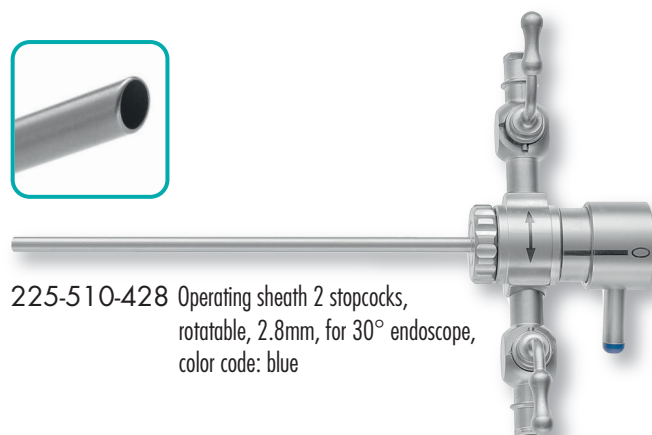
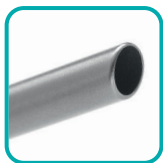
1.9mm SHEATH SYSTEM

Sheath System

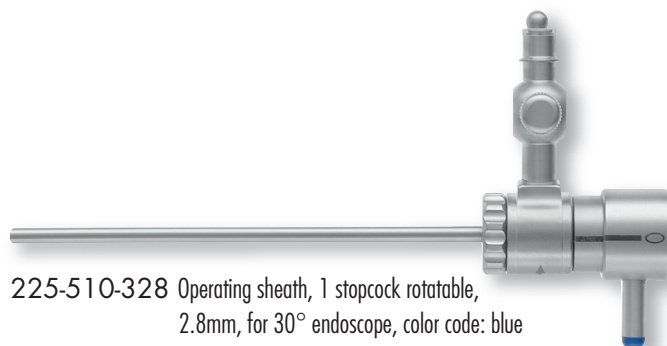
ArthVIEW® 30° Mini Telescope and ArthFLOW® Sheath System



225-019-130 ArthVIEW Mini Arthroscope 30°
1.9mm, 102mm working length
155mm overall length



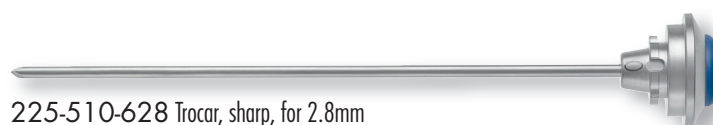
225-510-428 Operating sheath 2 stopcocks,
rotatable, 2.8mm, for 30° endoscope,
color code: blue



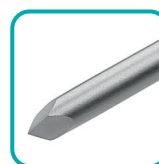
225-510-328 Operating sheath, 1 stopcock rotatable,
2.8mm, for 30° endoscope, color code: blue



225-510-528 Obturator blunt, for 2.8mm operating
sheath, color code: blue



225-510-628 Trocar, sharp, for 2.8mm
operating sheath, color code: blue

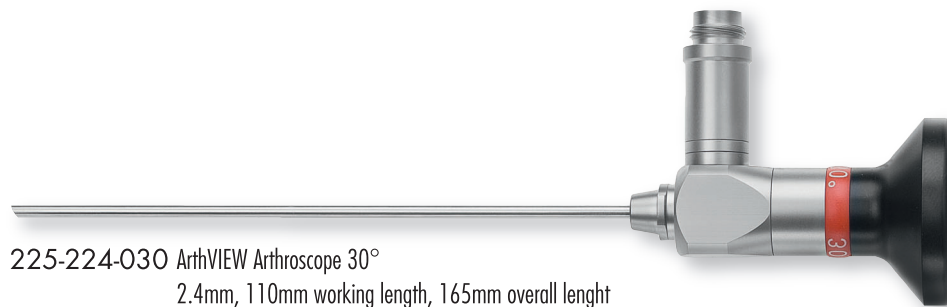




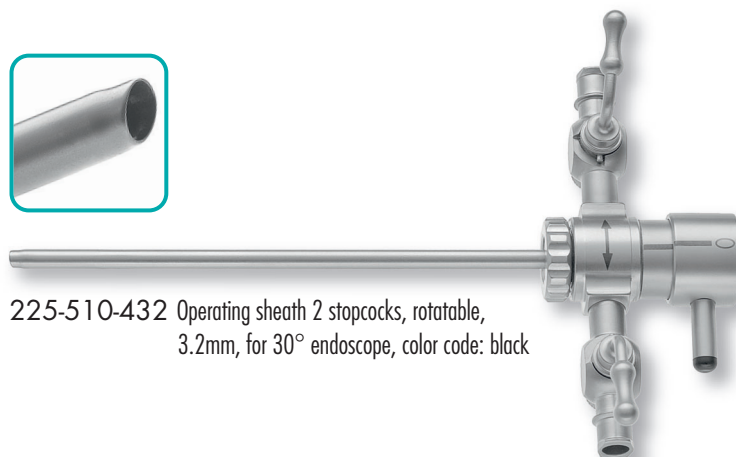
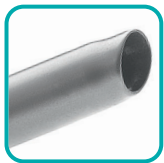
2.4mm SHEATH SYSTEM

Sheath System

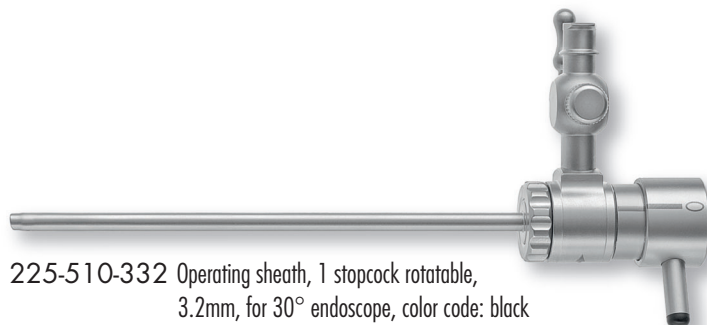
ArthVIEW® 30° Telescope and ArthFLOW® Sheath System



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

2.4mm



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



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

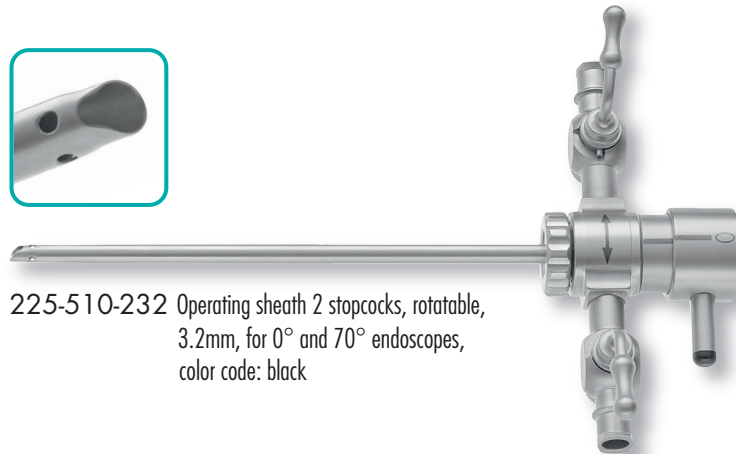




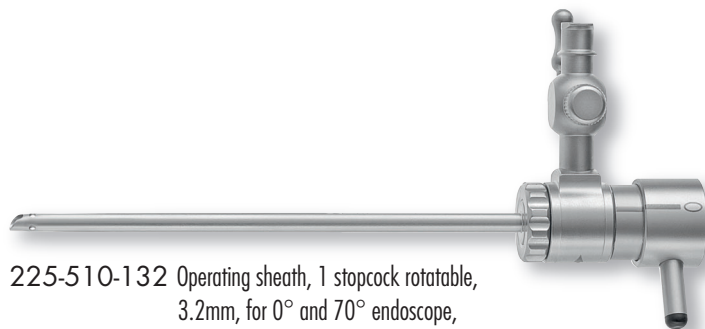
2.4mm SHEATH SYSTEM

Sheath System

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



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

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

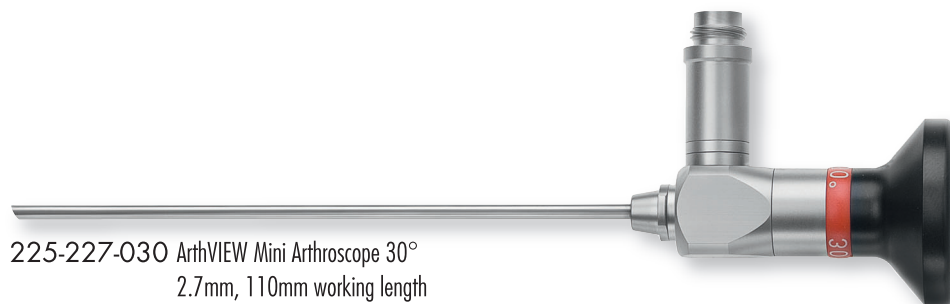




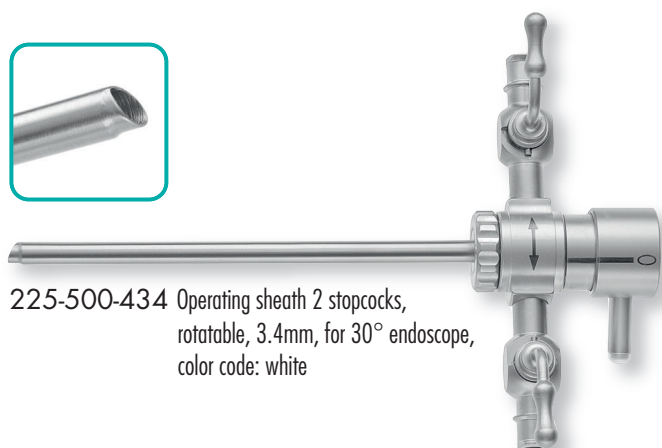
2.7mm SHEATH SYSTEM

Sheath System

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

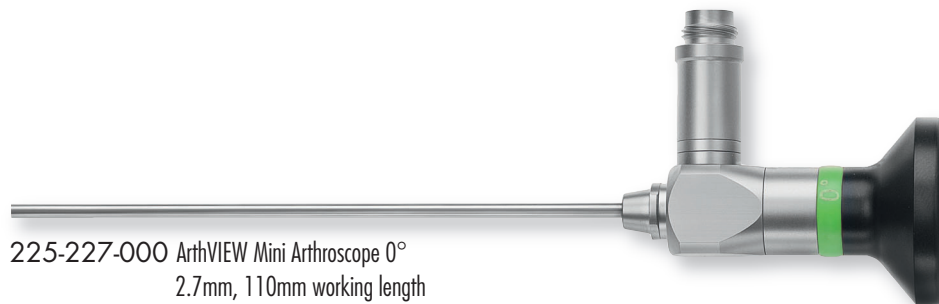




2.7mm SHEATH SYSTEM

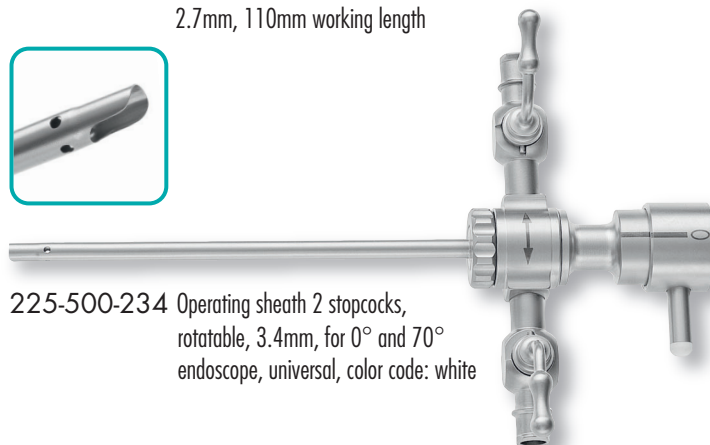
Sheath System

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

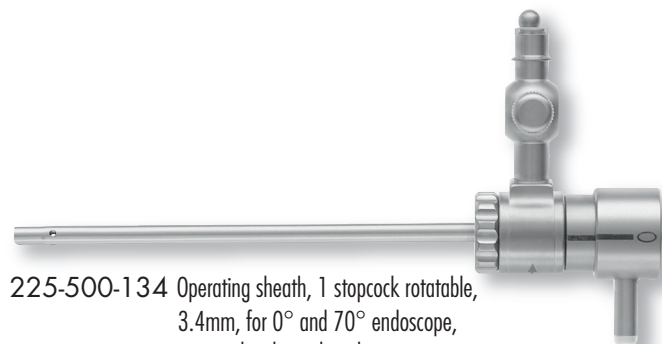


225-227-000 ArthVIEW Mini Arthroscope 0°
2.7mm, 110mm working length

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

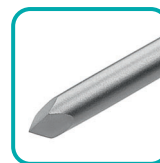
2.7mm




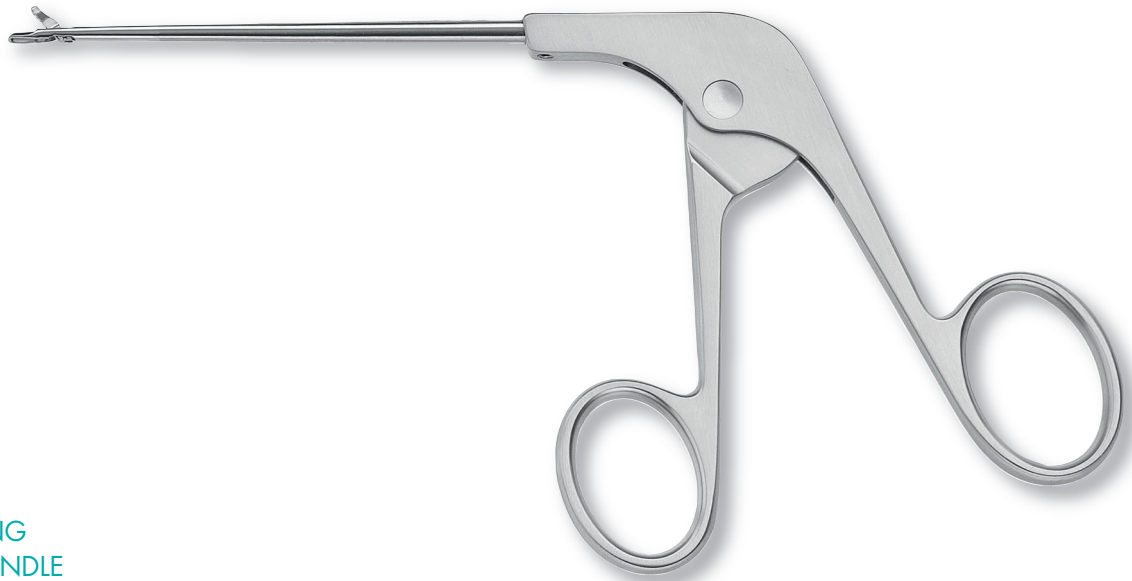
225-500-534 Obturator blunt, for 3.4mm operating
sheath, color code: white



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



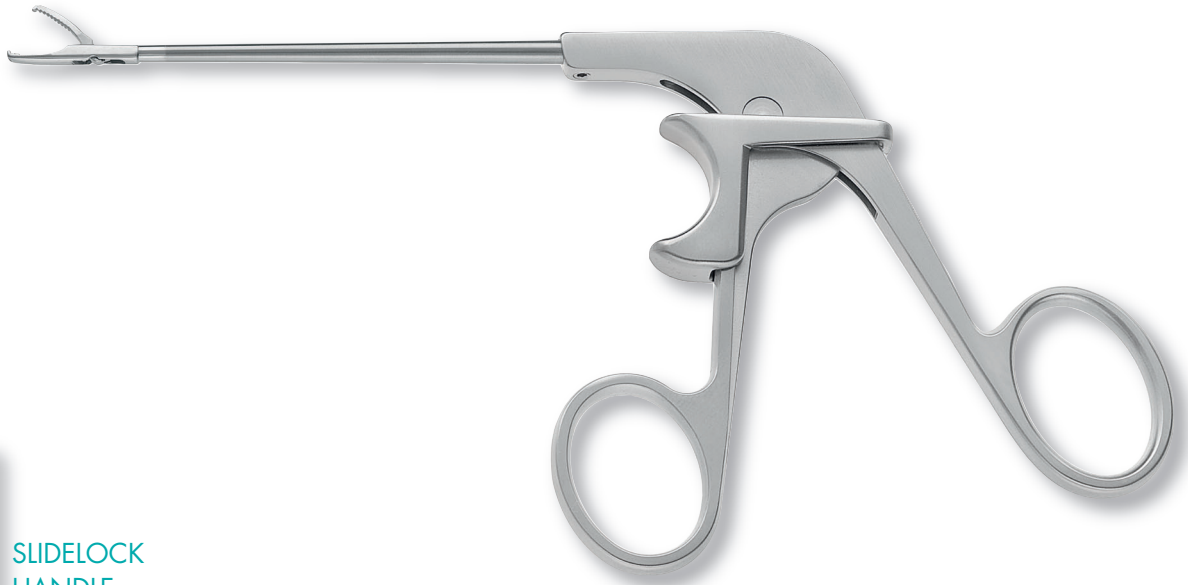
225-810-204
OVAL MINI PUNCH, right jaws, straight shaft



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



225-810-930
MINI RONGEUR, straight



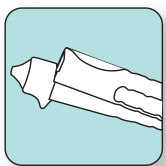
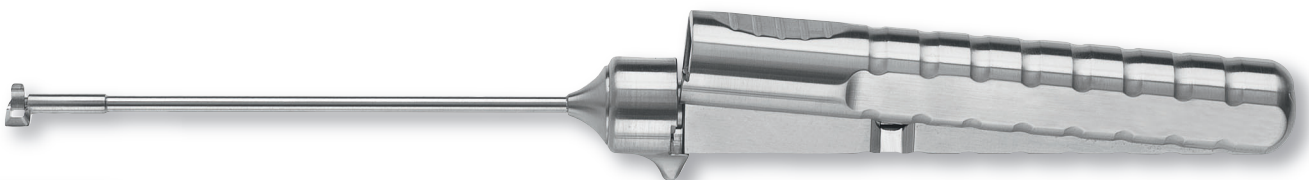
SLIDELOCK
HANDLE



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



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



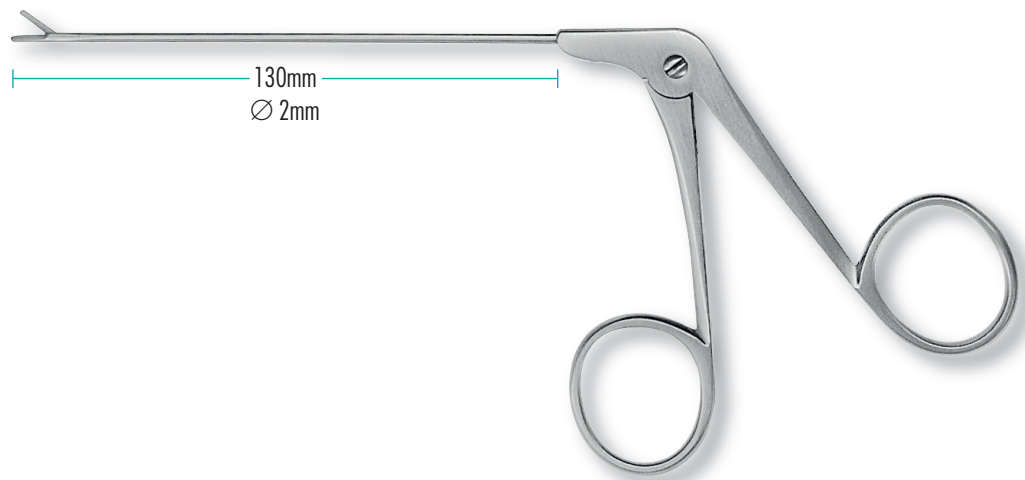
PENCIL
HANDLE



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



SUCTION PUNCHES

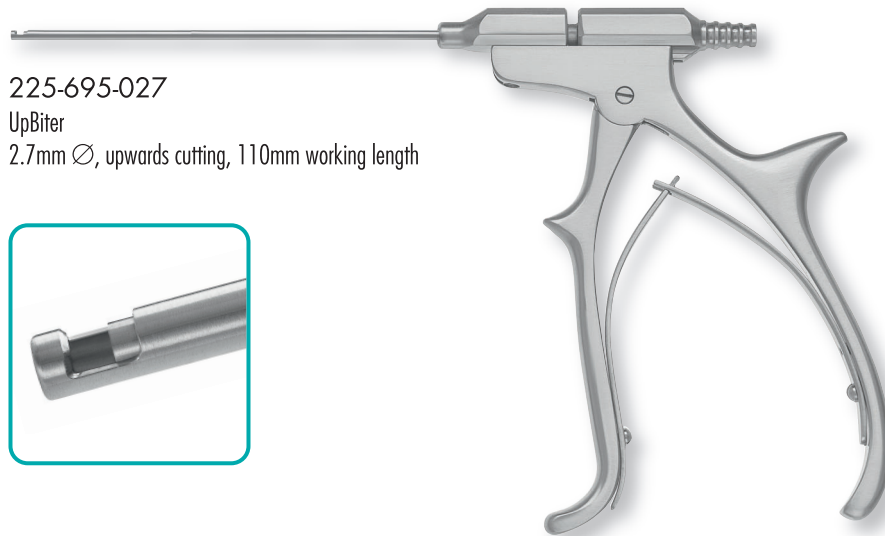
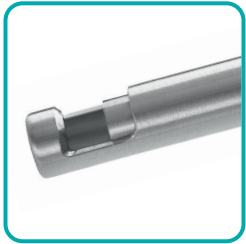
Suction Punches

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

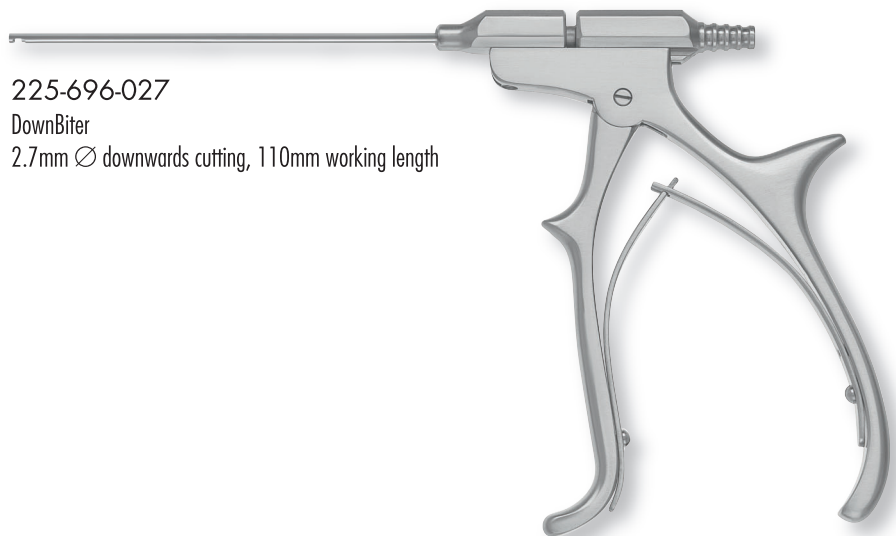
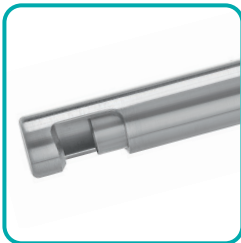
2.7mm Ø, upwards cutting, 110mm working length



225-696-027

DownBiter

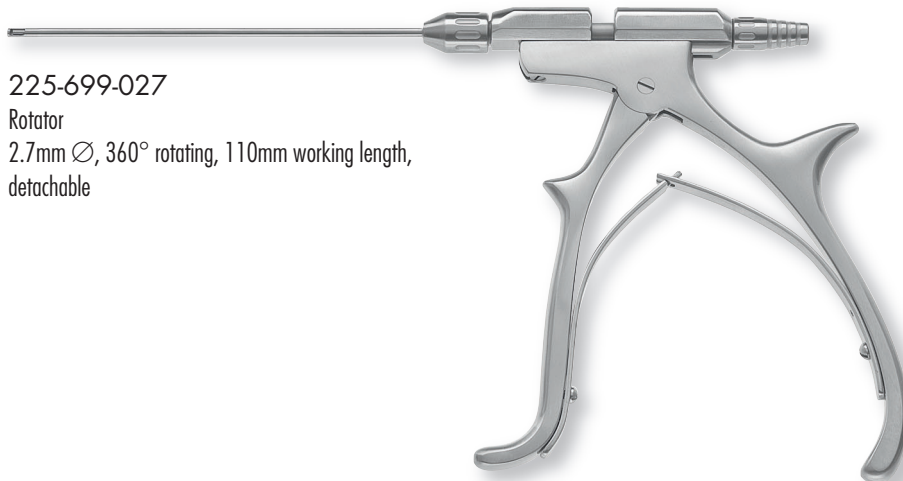
2.7mm Ø downwards cutting, 110mm working length

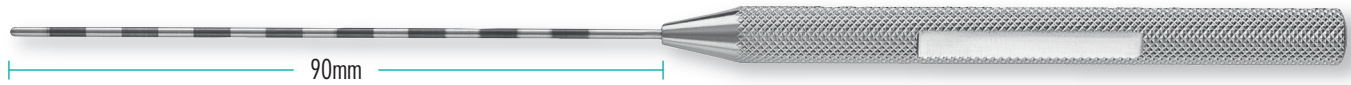


225-699-027

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

Hand Instruments with round, knurled handle



225-100-006
3mm Spoon, angled tip



225-100-034
Scalpel Knife



225-100-020
Smilie Menisctome, 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 Menisctome 7mm wide,
curved cutting edge



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



225-100-025
Rosen Knife, toothed blade



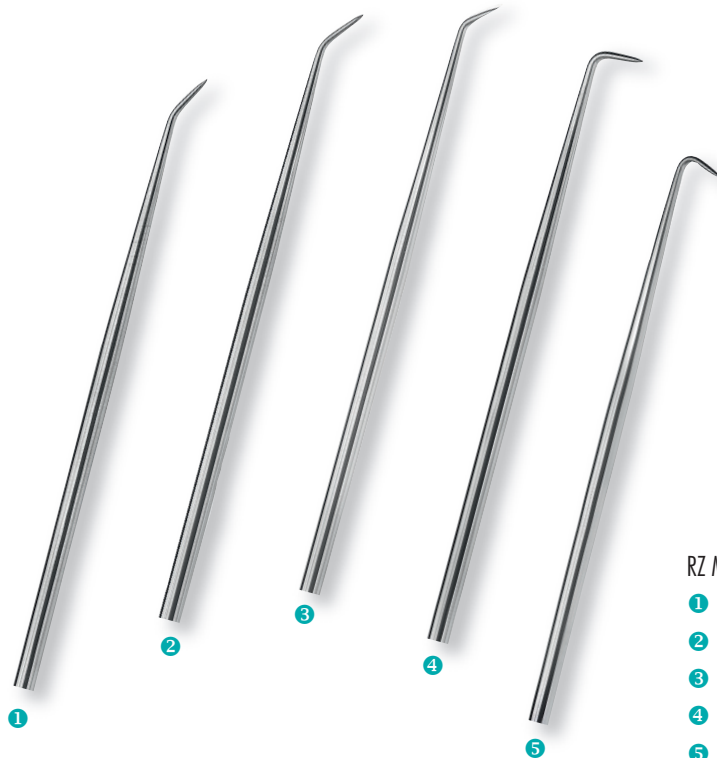
RZ MINI Chondro Picks - Micro Fracturing in Small Joints

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:

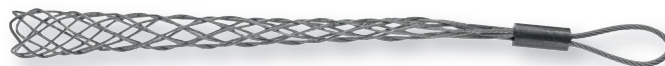
The controlled expansions are especially used for the injury treatment of the triangular fibrocartilagenous complex, in addition to cartilage lesions, lesions on the cartilage strictures and for osseus syntheses.

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

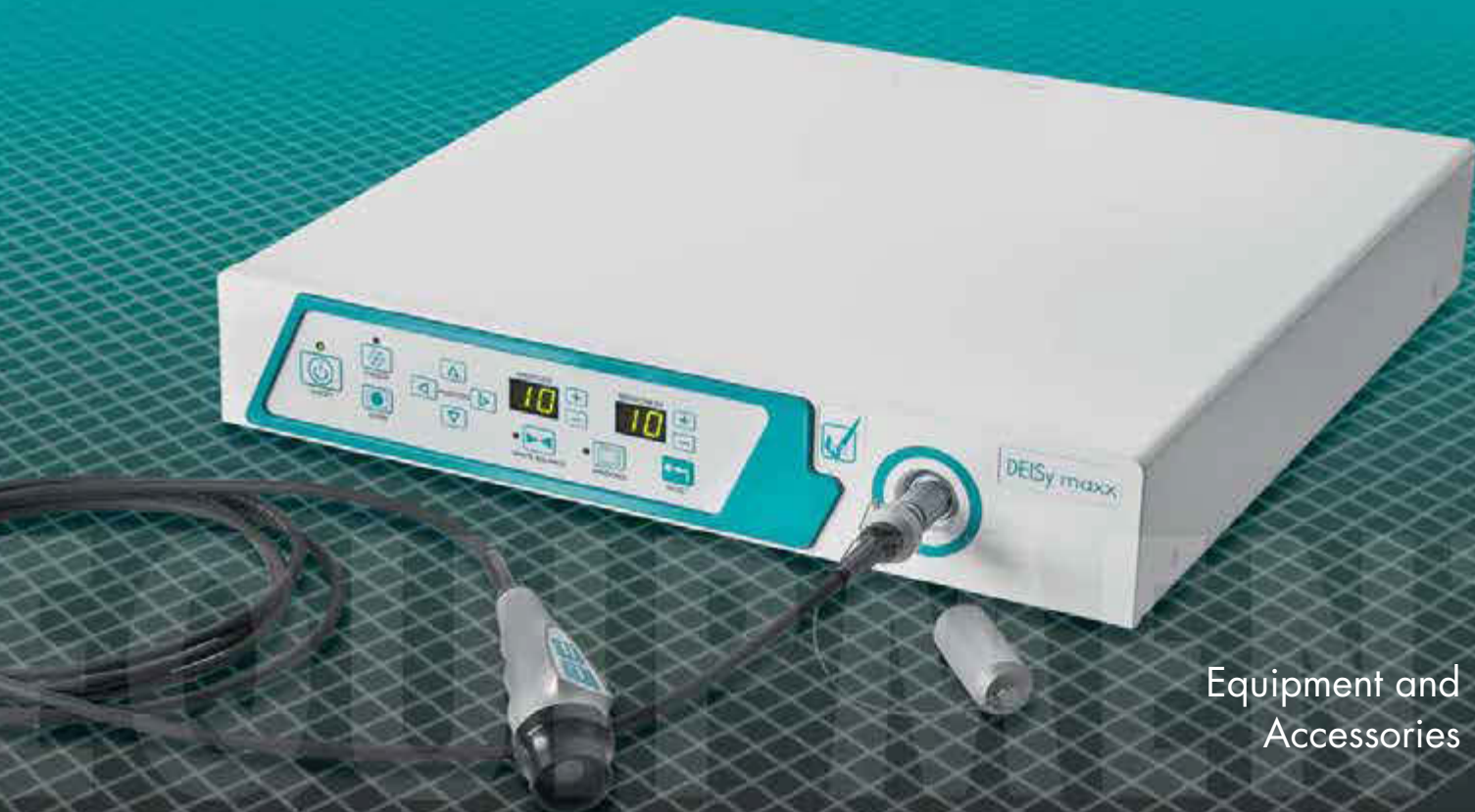
215-000-001 small

215-000-002 medium

215-000-003 large



This image shows a single sheet of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Equipment and
Accessories

LED



300-900-300 LUMEN LED 3

PHASER® TECHNOLOGY

Latest PHASER® Technology for unsurpassed medical lighting. Excellent light sources are characterized by high color rendering, high luminance and a very low ultraviolet and infrared radiation. With the LUMEN LED 3 light source RZ Medizintechnik offers the latest

technology in medical lighting, Made in Germany. Whether the light source is used with modern head lights or in endoscopic surgeries, the new PHASER® technology always generates enough light for meaningful pictures.

Features:

- More than 10.000h lamp lifetime
- Latest PHASER® – Technology
- Waterproof touch control panel
- High color rendering
- High luminance
- Daylight color temperature
- Low noise level
- No UV or IR light
- Low power consumption

Delivery contains:

- Main Unit • BNC cable • Mains cable
- User manual



Automatic light control

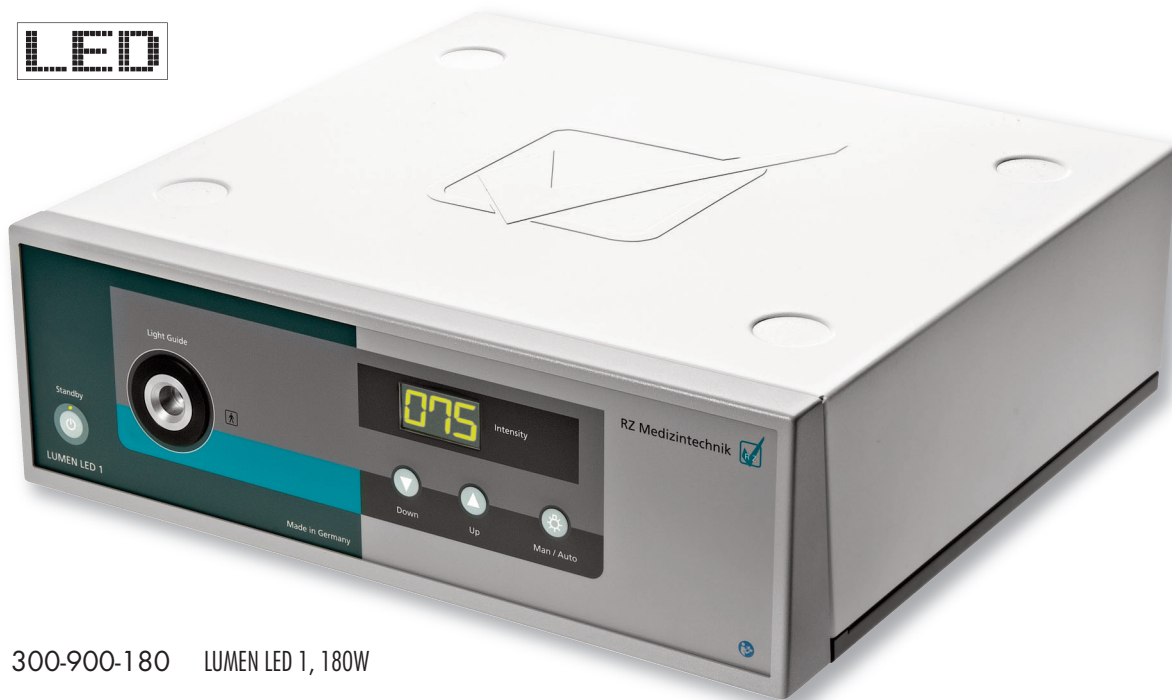


Controlable daylight quality

Technical Data

Mains voltage	100-240 VAC, 50-60 Hz	Relative humidity	
Power consumption	300W	Storage:	10% to 90%
Mains fuses	2 Fine fuses, 5x20mm, delay acting 6,3 AT, with high breaking capacity (Ia = 1500 A)	Operation:	30% to 75%
LED Lifetime	> 10.000h	Atmospheric pressure	
Color temperature	6000 – 6500° K	Storage:	600 mbar to 1300 mbar
Connections	Light guide STORZ	Operation:	700 mbar to 1060 mbar
Video-IN terminal	1 x VHS (BNC)	Classification / Conformity	1 / BF
Service	1 x RJ45	Test according to	IEC 601-1ff, EN 60601-1ff
Storage temperature	- 20°C to +60°C	CE marking according to	MDD 93/42/EEC
Operation temperature	+10°C to +40°C	Dimensions	380 x 125 x 360 mm (WxHxD)
		Weight	approx. 12.5 kg

LED



300-900-180 LUMEN LED 1, 180W

Benefit of the newest LED technology - this Light Source offers increased luminous efficiency by lowest heat conduction and operating costs. The daylight quality LED Lamp lifetime is more than 20.000 hours to provide enhanced working.

Features:

- More than 20.000h lamp lifetime
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation
- Boost function: temporarily increase of light power of 20% additionally to the 100% light output

Delivery contains:

- Light source
- Mains cable
- BNC cable
- User manual



Automatic or manual light intensity control



Digital light intensity display

Technical Data

Lamp	100W LED (approx. 1300 lm) Daylight quality, 6000-6500 K Lifetime: more than 20.000 hr	Video In (opt.)	1x Video, 1x S-Video (Y/C) (automatic Version only)
Light guide connection	RZ/Storz adapter	Standard	Protection class: I Application part: Type BF IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
System	Power supply: 100/240 VAC, 50-60 Hz Fuses: 2 Fine fuses, 5x20mm, delay 6,3 AT (I=1500A) Power consumption: 100W	Dimensions	380 x 120 x 360 mm (WxHxD); 11 kg



X7 HIGH END

Xe⁵⁴non

HALOGEN



X5

Xe⁵⁴non

300-001-308 LUMEN X7	300-001-305 LUMEN X5
2 turret adapters (revolvable) • RZ, Storz • Wolf • Olympus • ACMI	1 turret adapter (revolvable) • RZ, Storz • Wolf • Olympus • ACMI
300 Watt Xenon arc lamp 150 Watt LED spare lamp (approx. 250W Halogen lamp)	300 Watt Xenon arc lamp
Power Consumption: 370 Watt	Power Consumption: 370 Watt

These new high-performance Xenon daylight sources provide excellent illumination and a long lamp lifetime for at least 500 hours. After activating the automatic function and with plugged BNC-Cable, the device

automatically controls the intensity to guarantee the optimal image for the surgeon. 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:

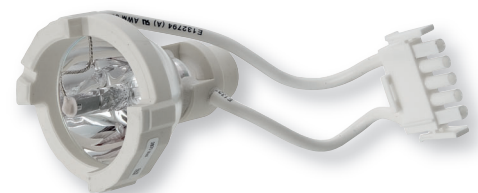
- Light Source • BNC Cable • Mains Cable • User Manual



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

System	Power supply: 100-240 V AC, 50-60 Hz	Application part	Type BF
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	Classification	IEC 601-1, EN 60601-1
Video In	1 x VBS (1Vpp/75), BNC only)	CE marking according to	MDD 93/42/EWG
Protection class	I	Dimensions	380 x 120 x 360 mm (WxHxD)
		Weight	approx. 11kg



300-001-300 LUMEN X3

300 Watt Xenon arc lamp

Power Consumption: 370 Watt

Pure daylight quality together with low noise and heat conduction - this Xenon Light Sources offers all functions needed to illuminate the field of view.
The lamp can be replaced simply.

Features:

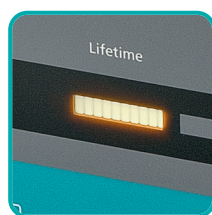
- Manual light intensity control
- Pure daylight quality
- Easy lamp replacement
- > 500hr lamp lifetime
- Lap fixed in a reflector - calibration is not necessary
- Mechanical diaphragm to adjust the output intensity without any influence on the color temperature
- RZ/Storz light guide

Delivery Contains:

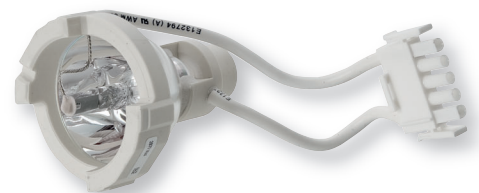
- Light Source
- BNC Cable
- Mains Cable
- User Manual



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

System	Power supply: 100-240 V AC, 50-60 Hz	Application part	Type BF
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	Classification	IEC 601-1, EN 60601-1
Video In	1 x VBS (1Vpp/75), BNC only)	CE marking according to	MDD 93/42/EWG
Protection class	I	Dimensions	380 x 120 x 360 mm (WxHxD)
		Weight	approx. 11kg

High Temperature XENON Light Cables

Features:

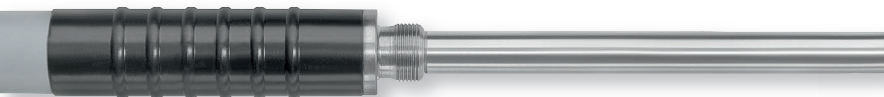
- Melt protection
- XENON/LED suitable
- Bending protection

		FIBER OPTIC CABLE		
ENDOSCOPES		Ø 2.5mm	Ø 3.5mm	Ø 4.8mm
	Ø 2.9mm	✓	✓	X
	Ø 4mm	X	✓	X
	Ø 5mm	X	X	✓
	Ø 10mm	X	X	✓

COMPATIBILITY NOTE:

A fiber optic cable with a bigger opening does not increase the light output of an instrument with a small opening.

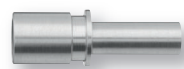
For example: a Ø 4.8mm fiber optic cable adapted to a Ø 2.9mm or Ø 4mm endoscope may lead to burning at the light entry of the endoscope and even endanger the patient.



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

XENON light guide, without adaptor pieces

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



FULL HD



300-001-800 HD Camera F3 - High End

PURE NATURAL COLORS



F3 - The pride of the RZ Equipment range and flagship in medical camera systems. A Full HD camera system generates cristal clear images of highest resolution with 1920 x 1080 p. 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.

Features:

- 3-Chip Full HD camera with latest MOS technology for brilliant picture quality
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences
- Ergonomic camera head with 3 programmable remote control buttons by the user as required during surgery

- Multitude of digital video outputs for best possible picture transmission to the medical grade monitors
- Full HD • HDMI output
- White balance, boost function • On-screen-menu
- 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Delivery contains:

- Main Unit • Camera head • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable • HDMI cable
- S-Video cable • Jack Cable • Mains cable
- User manual



300-001-802
High-End camera
head included



FULL HD

300-001-802
High-End 3-Chip Camera Head
Full HD 1920 x 1080 p



300-001-615
Title generator keyboard, waterproof IP68
US-Layout, PS/2 Connector, cable 1.8m
Color: grey, 305x140x15mm, 600gr.



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



User-friendly, splash-
proofed display



Skid-proof pedestals

Technical Data

Camera head

- Aspect ratio: 16:9
- Image sensor: 3 - Chip
- Immersible (using the attached cap)

System

- Image resolution:
Full HD 1920 x 1080
- TV resolution: > 1000 lines
- 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 V,
50-60 Hz
- Power consumption: 20W
- Fuses: 2 Fine fuses, 5x20 mm,
delay acting 3,15 AT (I=1500A)

Video out terminal

- 2 x HD SDI
- 1 x HDMI / DVI
- 1 x YPbPr (Component)
- 1 x Y/C (Pal / NTSC)
- 1 x CVBS (Pal / NTSC)

Standard

- Protection class: I
- Application part: Type BF
- IEC 601-1, EN 60601-1;
classification acc. 93/42/EEC: I

Dimensions

- Control unit: 380 x 120 x 360 mm
(WxHxD); 11 kg



300-001-600 HD Camera F1

FULL HD

Delivery contains:

- CCU • Camera head with 3m cable
- Mains cable • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable
- HDMI cable • RGB cable
- User manual

Optional available:

- 300-001-615 Title generator keyboard
- 300-001-610 Footswitch for HD Cameras

The new F1 Camera system fulfills the need of high resolution in Video Endoscopic Surgery. Thanks to Full HD resolution combined with newest technology this camera generates cristal-clear images with highest attention to detail that allows better diagnostics and efficient surgery.

Features:

- 1-Chip Full HD camera of the latest generation, with superior image quality in high definition
- Natural color reproduction
- High-end image quality is provided by fully digital, high-speed image processing, separated for red, green and blue channels
- Significantly higher image quality and virtually all movements are eliminated
- Full HD • HDMI out • White balance, boost function
- On-screen-menu • 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Technical Data

Line Voltage	100-240 VAC
Sensor	1/3" MOS
TV resolution	1920x1080 pixels (Full HD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	<3lx (1/1.4)
Video Outputs	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)

Manufactured and tested according to	IEC 601-1, EN 60601-1, MDD 93/42/EEC
CE marking according to	MDD 93/42/EEC
Protection Class	I
Application part	BF
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g



USB port for use with
flash drives to record data

300-001-410 Camera Z2

The new Z2 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré filter automatically eliminates disturbing distortions when using flexible endoscopes. Pictures and Movies can be stored easily on a USB stick. The collected informations

can be used for an extensive documentation of the procedure. The lightweight camera head ensures a fatigue-free working. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor. The 3 remote control buttons on the camera head can be programmed by the user as required during surgery.

Features:

- State-of-the-art CCD-Camera, true colour reproduction
- All features of the camera can be directly controlled and set up on a menu
- To be prepared to work under extreme illumination conditions, the control unit offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures fatigue-free working

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- 4GB USB Stick • Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	<ul style="list-style-type: none"> • 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI • 1 x USB

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g



300-001-400 Camera Z1

The new Z1 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1 CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré

filter automatically eliminates disturbing distortions when using flexible endoscopes. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor.

Features:

- State-of-the-art Color - CCD-Camera
- True color reproduction
- To be prepared to work under extreme illumination conditions, the control unit of the camera offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures a fatigue-free working

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz	Protection Class	I
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V	Application part	BF
TV resolution	470 lines	Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
Sensitivity	1 lux (1/1.4)	CE marking according to	MDD 93/42/EEC
Aspect ratio	4:3	Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g
Image Sensor	1/3" CCD		
Video Outputs	<ul style="list-style-type: none"> • 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI 		

FULL COMPLEMENT OF HEAD CONFIGURATIONS



300-001-813 f=14mm
300-001-814 f=25mm
300-001-815 f=28mm
c-mount, soakable, Full HD



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

FULL HD



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



250-022-025 F=25mm
250-022-030 F=30mm
Angled 90°, with swivel and fixation,
c-mount, soakable, Full HD

DAViD instinctive diagnostic & record central data software

Software system for the collecting and archiving of video findings in the medical field based on state-of-the-art PC technology Windows VISTA / XP, DirectX, DV digital Video – device independent

Multilingual

English, French, German, Italian, Russian, Spanish

Intuitive

dialog-oriented user interface for smooth integration into everyday practice

Ready for network

one point data storage and simultaneously video recordings

Integrated license module

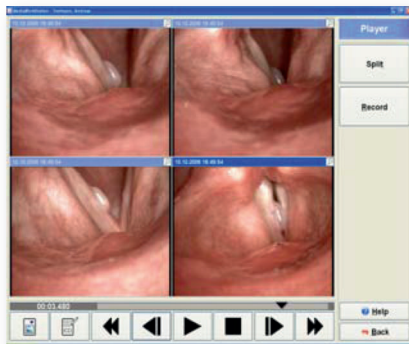
after a demo period of 30 days the software needs to be activated via an activation key

300-001-190

Software, full Version

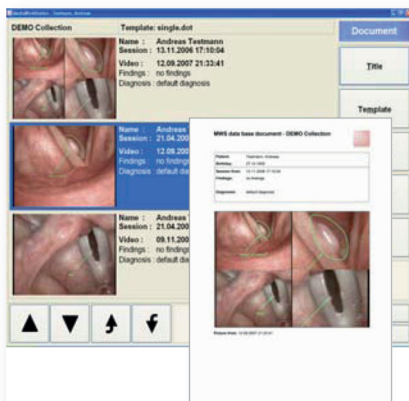
300-001-192

Software, without recording possibilities



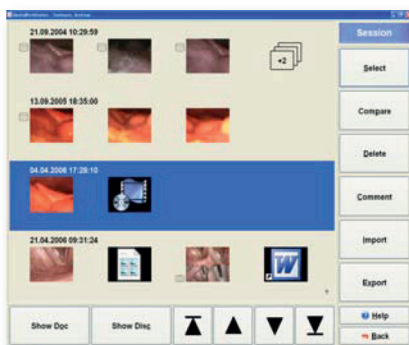
Diagnostics & Results

- high video and freeze image quality / natural reproduction of motion sequences
- Multiple-split display during recording and playing
- automatic optimization of stroboscopic recordings
- recording controllable by foot or camera switch
- simple-to-use video cut function
- integrated database of findings and diagnoses allows quick workflow
- integrated On-Screen-Keyboard for touch screen displays



Recordings & Documentation

- graphics marks for emphasizing of findings
- MPEG2 video export with optional overlay of patient data and session comments
- integrated CD/DVD recording
- image export in the DICOM format
- Compare-function for videos and pictures
- automatic creation of diagnostic letters in MS Word format with freely definable document templates
- textual export of patient and diagnostic data for passing on and statistical evaluations



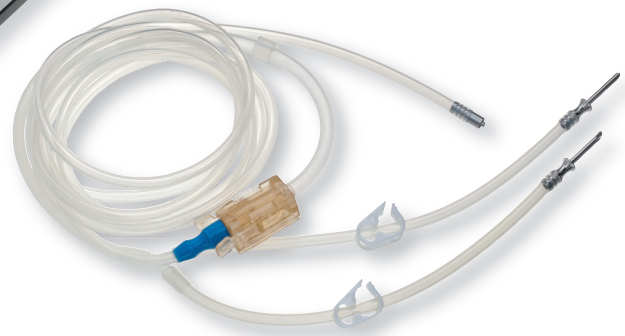
Management

- patient data is stored in structured database
- automatic assignment of videos, findings, diagnoses and comments to patients and data sets
- search and edit functions
- drag'n'drop import of pictures and documents
- native support for MediCapture USB sticks
- data exchange with other systems via remote interface
- user management for controlling access and edit rights



225-906-000 Basic Irrigation Pump P1

This unit offers all basic functions for irrigation in arthroscopic surgery. Thanks to hydrostatic pressure regulation, the precise pressure in the treated body part is displayed. State-of-the-art and reliable technology features this versatile Pump.



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:

225-910-001	Irrigation tubing set, silicone, autoclavable	non-sterile	included
225-910-002	Irrigation tubing set, PVC, 20 pieces, daily tube	sterile	optional
225-910-003	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional

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	Irrigation Power	0 - 1.0 l/min
Frequency	50-60 Hz	Pressure Range	10 - 150 mm Hg
Power Input	60 VA	Operating Conditions	+10 to +40°C Relative humidity of air: 30 - 70%
Device Type acc. to DIN EN 60601-1:2005	BF	Store and Transport Conditions	- 40 to +70°C Relative humidity of air (not condensed): 10 - 90%
Classified acc. to EG-Guidelines 93/42/EEC	Ila	Splashproofed	IPX 1
Safety Class acc. to DIN EN 60601-1:2005	I	Registration	CE 0297
Manufactured and tested according to	DIN EN 60601-1:2005	Measurements	380 x 130 x 400 mm (WxHxD)
Radio interference suppression	DIN EN 60601-1-2:2007	Weight	Ca. 11 kg

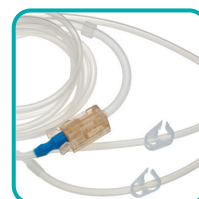


IRRIGATION PUMP

Irrigation Pump



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.



225-910-001
Tubing Set included

225-910-000 ARTHRO Irrigation Pump P3

A fluid irrigation pump to be used in endoscopic operations in the fields of arthroscopy for diagnostic and therapeutic purposes. Hydrostatic pressure compensation procedure ensures correct pressure reading. Thanks to Lavage function, fast and intense irrigation of the joint is achieved. State-of-the-art and reliable technology features this versatile pump.

Features:

- Advanced Irrigation Pump for Arthroscopic surgeries
- Lavage function for fast and intense irrigation, controlled by footswitch

Accessories:

225-910-001	Irrigation tubing set, silicone, autoclavable	non-sterile	included
225-910-002	Irrigation tubing set, PVC, 20 pieces, daily tube	sterile	optional
225-910-003	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional

Delivery contains:

- Pump device
- Tubing set
- Footswitch
- Mains cable
- 2 Spare fuses



Footswitch included

Technical data

Line Voltage	100-230 V/AC - Fuse T 3.15 A L 250 V	Irrigation Power	0 - 2.5 l/min
Frequency	50-60 Hz	Pressure Range	10 - 200 mmHg
Power Input	max. 80 VA	Operating Conditions	+10 to +40°C
Device Type acc. to DIN EN 60601-1:2005	BF	Store and Transport Conditions	- 40 to +70°C
Classified acc. to EG-Guidelines 93/42/EEC	Ila		Relative humidity of air: 30 - 70%
Safety Class acc. to DIN EN 60601-1:2005	I	Splashproofed	IPX 1
Manufactured and tested according to	DIN EN 60601-1:2005	Registration	CE 0297
Radio interference suppression	DIN EN 60601-1-2:2007	Measurements	380 x 130 x 400 mm (WxHxD)
		Weight	Ca. 11 kg



IRRIGATION PUMP

Irrigation Pump

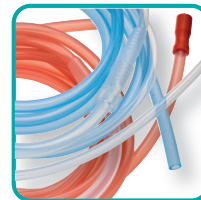


225-920-000 ARTHRO Duo Pump P9

P9 is a fluid irrigation/suction pump to be used in endoscopic operations in the fields of arthroscopy for diagnostic and therapeutic purposes. Suction function is fully integrated into control process. By continuously aspirating fluid from the joint P9 provides maximum irrigation flow rate at low pressure. Blood, secretion and tissue particles are removed. Hydrostatic pressure compensation procedure ensures correct pressure reading. The double footswitch allows triggering of lavage and suction function easily.



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

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
- 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	sterile	optional
225-910-003	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

Technical data

Line Voltage	100-230 V/AC - Fuse T 3.15 A L 250 V	Irrigation Power	0 - 2.5 L/min
Frequency	50-60 Hz	Suction Power	0 - 1.0 L/min
Power Input	max. 80 VA	Pressure range	10 - 200 mm Hg
Device Type acc. to DIN EN 60601-1:2005	BF	Operating Conditions	+10 to +40°C Relative humidity of air: 30 - 70%
Classified acc. to EG-Guidelines 93/42/EEC	Ila	Store and Transport Conditions	- 40 to +70°C Relative humidity of air (not condensed): 10 - 90%
Safety Class acc. to DIN EN 60601-1:2005	I	Splashproofed	IPX 1
Manufactured and tested according to	DIN EN 60601-1:2005	Registration	CE 0297
Radio interference suppression	DIN EN 60601-1-2:2007	Measurements	380 x 130 x 400 mm (WxHxD)
		Weight	Ca. 11 kg



The **RZ iLumen Endovue** offers a high definition interface (HDTV) featuring high brightness, high resolution, exceptional contrast, and true color reproduction with unsurpassed visual quality. The RZ iLumen delivers the key advantages of the series from RZ in environments where only video-based images are required. Multiple sizes and high flexibility make it ideal for a wide variety of surgical and other applications.

High Definition Imaging, Superior Clarity, Consistency, Quality, Fastest Response time (10-16ms), Widest Viewing Angle, Widest colour Gamut, Programmable User and Modality Preferences, Re-Drive Capability Enables Image Viewing on Multiple Displays, Video-Switching with Serial Port Interface, Save low Voltage 24 VDC Remote Power, Compact and lightweight.

Model / Type	300-001-145	300-001-149	300-001-146
Size	15" / 20.0x9 inches	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches
Resolution	1024x768 (XGA)	1280x1024 (SXGA)	1920x1200 (WUXGA)
Signal Input	SVideo, Composite, RGBS, DVI		
Viewing angle	178°		
LCD Panel	TFT Active Matrix		



The **RZ HD iLumen RADIANCE** surgical flat panel display is the worldwide LCD monitor of choice for surgeons and operating terms. Its superior HDTV capabilities including HD – SDI and YPbPr – and sophisticated signal processing produce sharp, accurate, true and very bright images. The RZ iLumen is the only medical-grade flat panel for simultaneous use as a Radiology, Fluoroscopy, Physiology, and/or minimally Invasive Surgery display.

Full HD and Digital Capable, Full Range of Analog Surgical Inputs, DICOM Response DVI Input for PACS, Fingertip/Footswitch Instant Remote Switching between sources, High Resolution, High Bright LCD with Wide Viewing Angle, Fully Compliant Medical Grade, FDA, UL and CE Approved, Re- Drive Capability Enables Image Viewing on Multiple Display, Traditional 4:3 Aspect Ratio, Surgeon- Specific User Selectable Settings.

Model / Type	300-010-219	300-010-224	300-010-226	300-001-232
Size	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches	26" / 22.7 x 12.7 inches	32" / 27.5x15.4 inches
Resolution	1280x1024 (SXGA)	1920x1200 (WUXGA)	1920x1080 (FULL HD)	1920x1080 (FULL HD)
Signal Input	SDI, HD-SDI, RGBS, YPbPr, SVideo, Composite, DVI, VGA			
Viewing angle	178°			
LCD Panel	TFT Active Matrix with IPS			



The 21" iLumen Endovue SE delivers the image performance of a high-end surgical display at a fraction of the cost. Targeted for cost-sensitive emerging markets this monitor is a great value. It features an LED backlight and supports both digital and analog high-definition video inputs. The 21" iLumen Endovue SE is an affordable alternative to a full-featured surgical display.

It accommodates high-definition signals from a variety of medical imaging sources, including endoscopes, ultrasound, PACS, and vital signs. It also features a fanless cooling design to minimize the risk of spreading airborne contaminants within the sterile field.

ONLY AVAILABLE OUTSIDE EU + NORTH AMERICA

Model / Type	300-001-148
Size	21,5" / 18.8 x 10.6 inches
Resolution	1920 x 1080 (Full HD)
Signal Input	DVI, RGBS, YPbPr, VGA, S-Video, Composite
Viewing angle	178°
LCD Panel	TFT Active Matrix with IPS, LED-Backlight



The innovative surgical Monitors of Sony deliver advanced image processing technology and enable physicians to see still and moving images with accurate, HD clarity and precision.

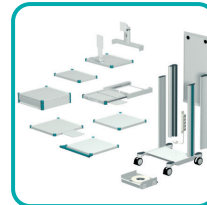
Model / Type	300-001-025	300-001-021	300-001-023	300-001-026
Size	19" / 14.8x11.9 inches	21" / 18.8x10.7 inches	24" / 20.4x12.8 inches	24" / 20.4x12.8 inches
Resolution	1280 x 1024 (SXGA)	1920x1080 (FULL HD)	1920x1200 (WUXGA)	1920x1080 (FULL HD)
Signal Input	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), DVI-D, VGA	Composite, Y/C, RGB (BNC), DVI-D, VGA
Viewing angle	170°			
LCD Panel	a-Si Active Matrix TFT	a-Si Active Matrix TFT	a-Si Active Matrix TFT LED	Medical OLED



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



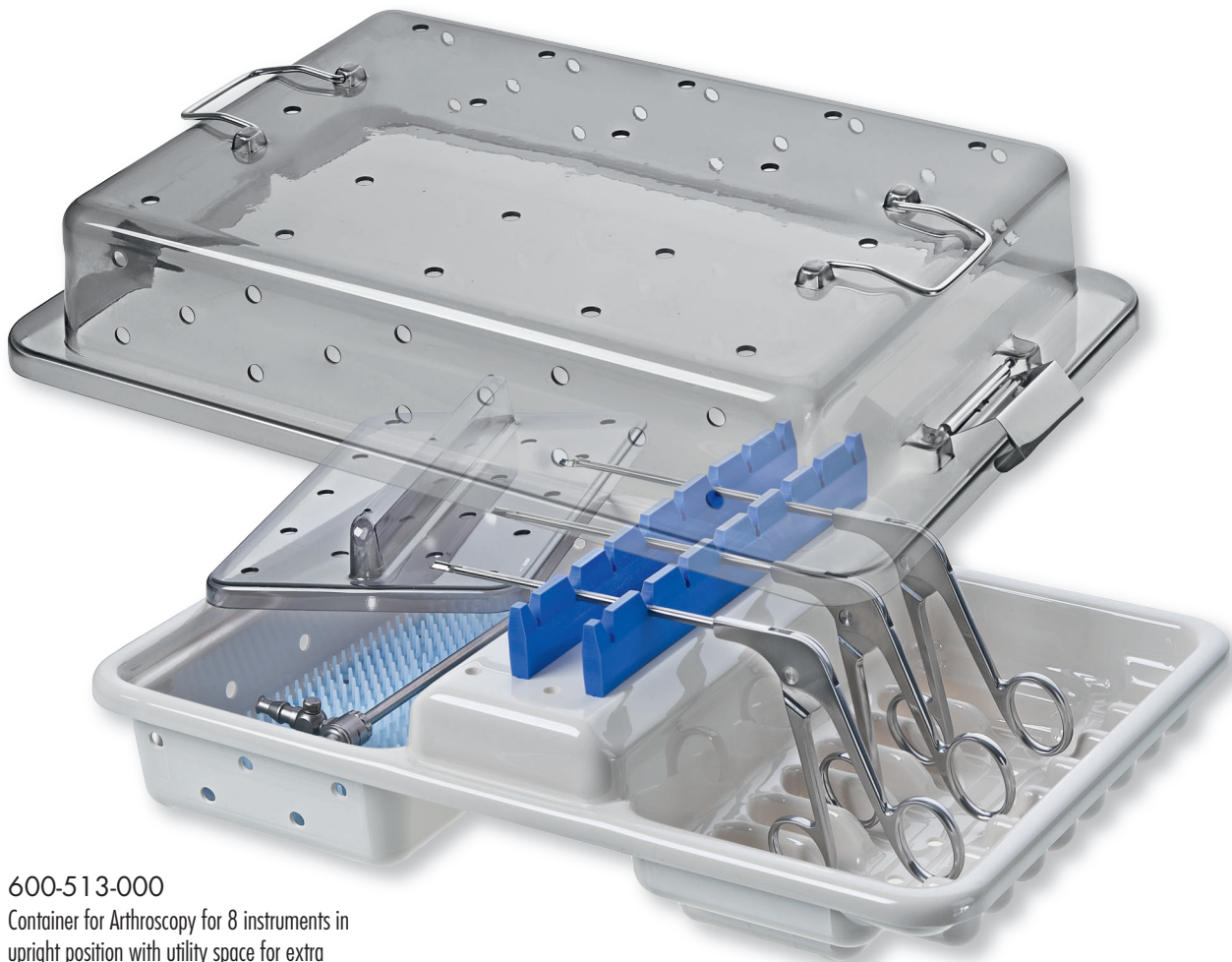
Optional: Camera head holder



Optional: CO2 Bottle holder



300-001-988
Hydraulic monitor holding
400mm



600-513-000

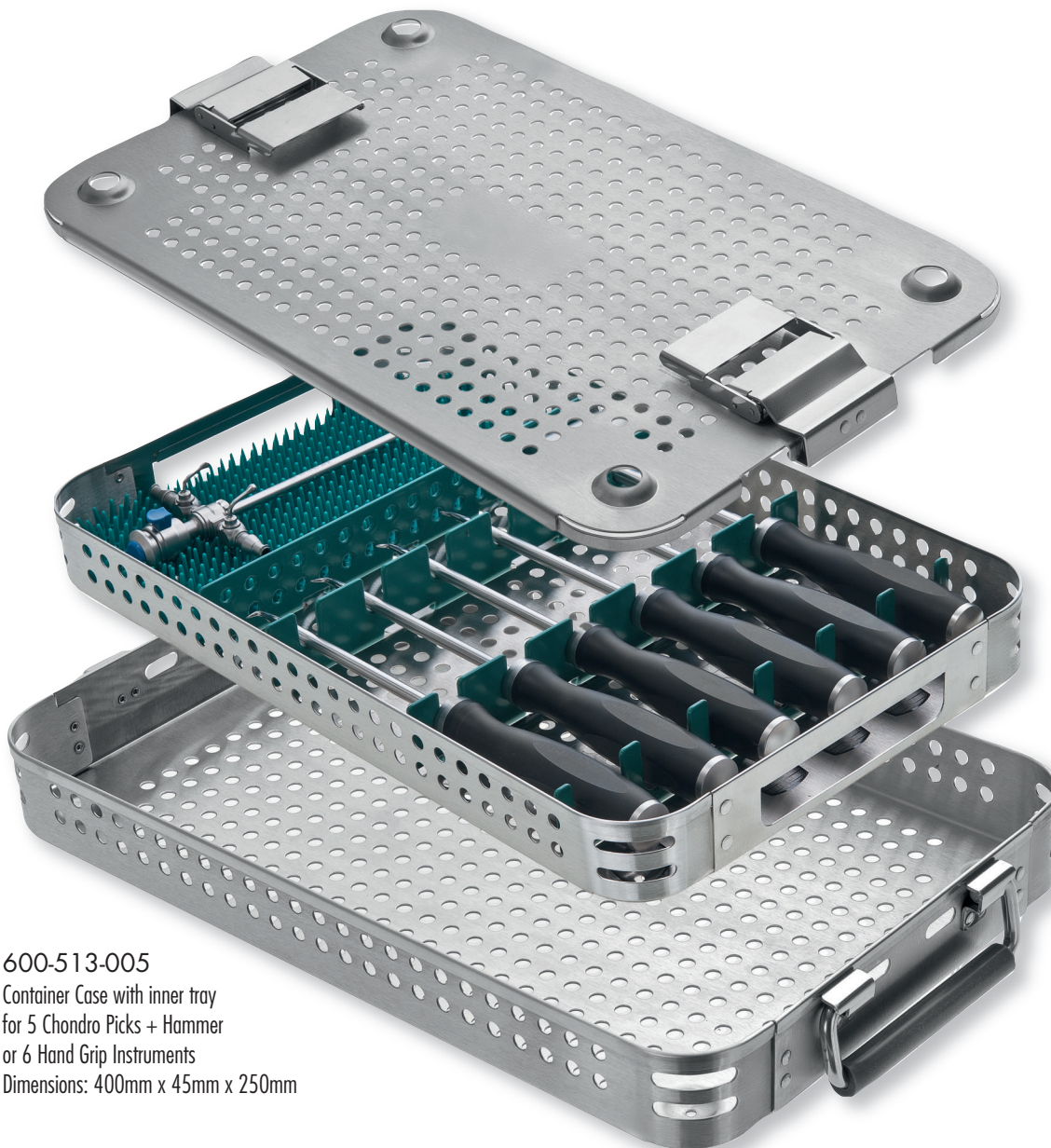
Container for Arthroscopy for 8 instruments in upright position with utility space for extra instruments



600-513-002

Stand for 8 Arthroscopy Instruments, Plastic





600-513-005

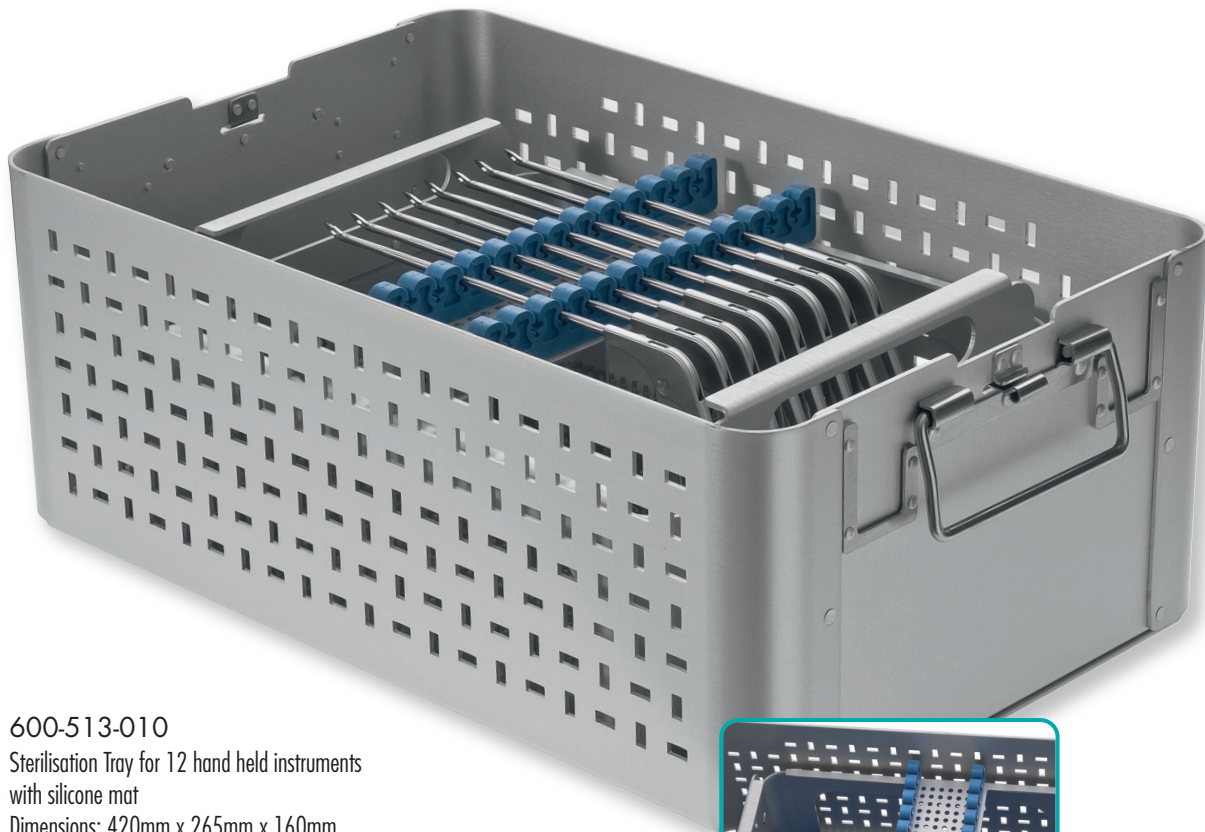
Container Case with inner tray
for 5 Chondro Picks + Hammer
or 6 Hand Grip Instruments
Dimensions: 400mm x 45mm x 250mm

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.

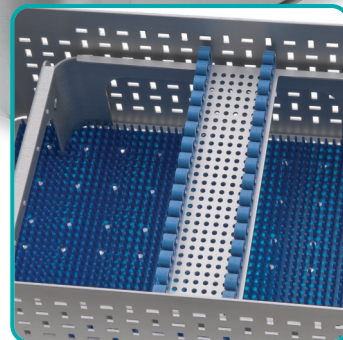
The attached silicone mat offers extra space for additional items such as arthroscopic sheath or similar parts.

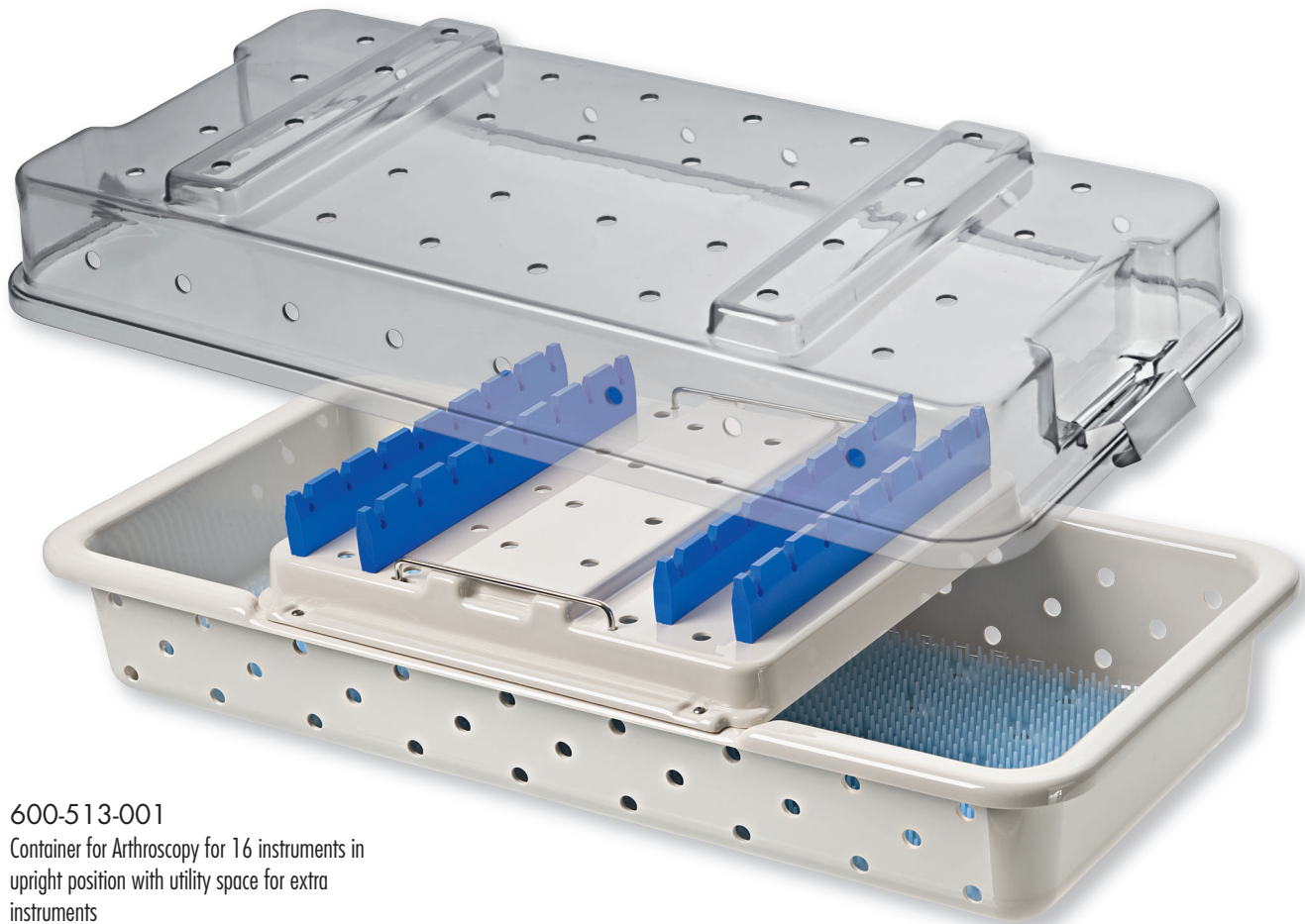
The **ArthVANCE**® container consists of 3 parts - bottom, detachable tray with instrument holders and silicone mat with lid.

Chondro Picks are shown on page 30

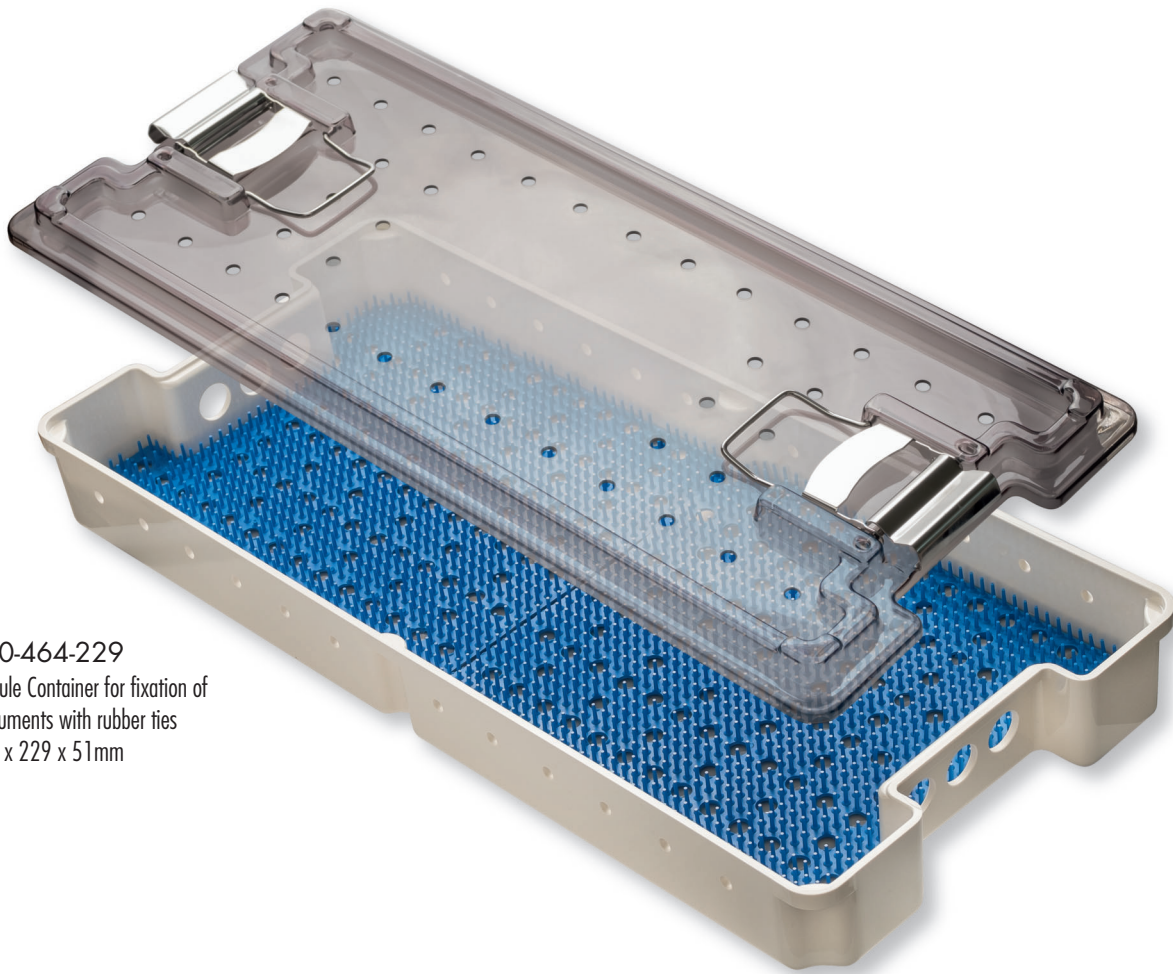


600-513-010
Sterilisation Tray for 12 hand held instruments
with silicone mat
Dimensions: 420mm x 265mm x 160mm

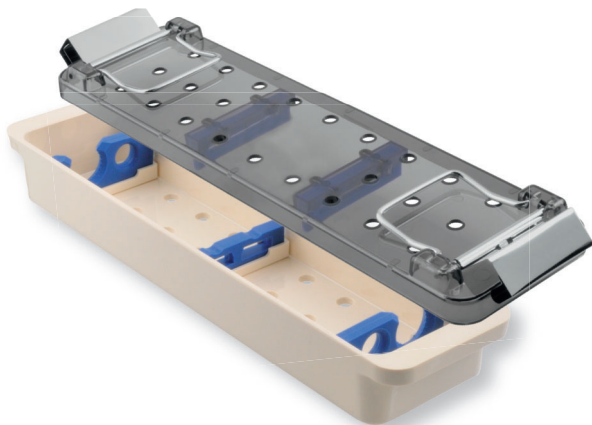




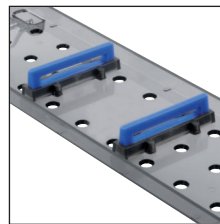
600-513-001
Container for Arthroscopy for 16 instruments in
upright position with utility space for extra
instruments



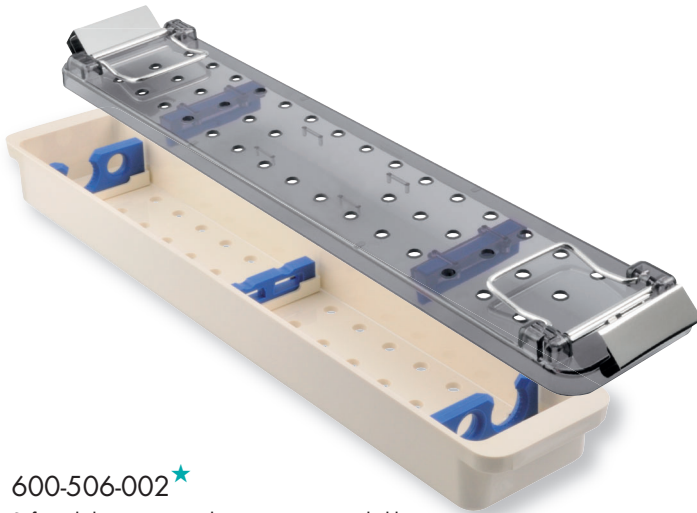
600-464-229
Module Container for fixation of
instruments with rubber ties
464 x 229 x 51mm



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

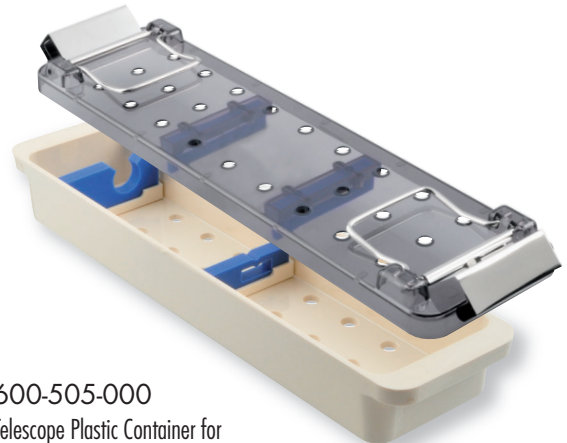


Safe and clean
with silicone bars on
base and lid



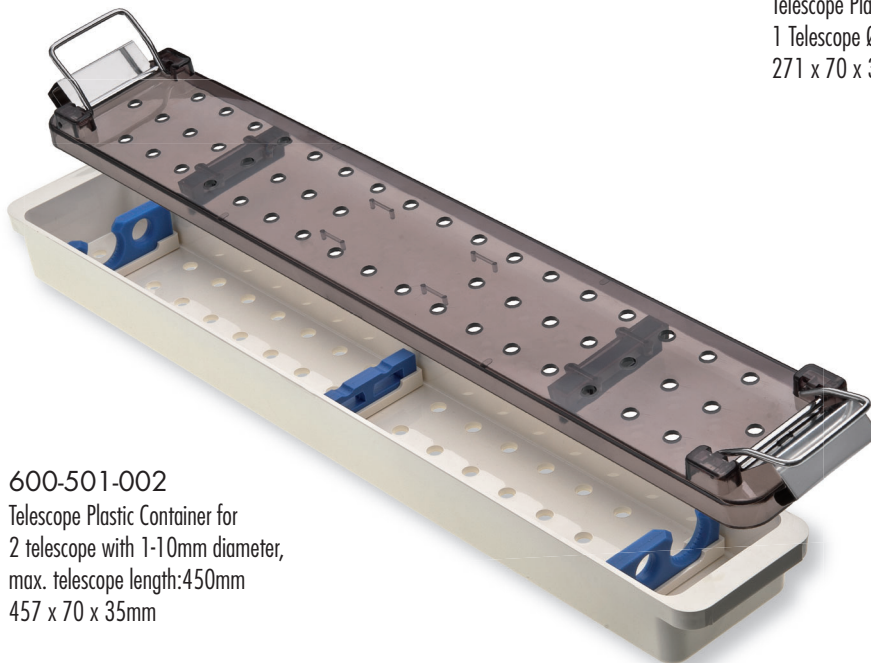
600-506-002★

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



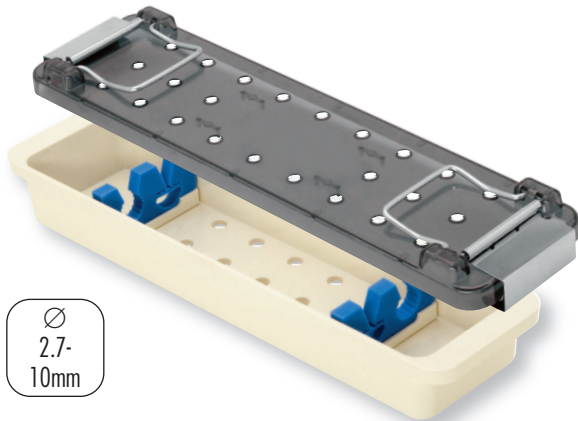
600-505-000

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



Ø
2.7-
10mm

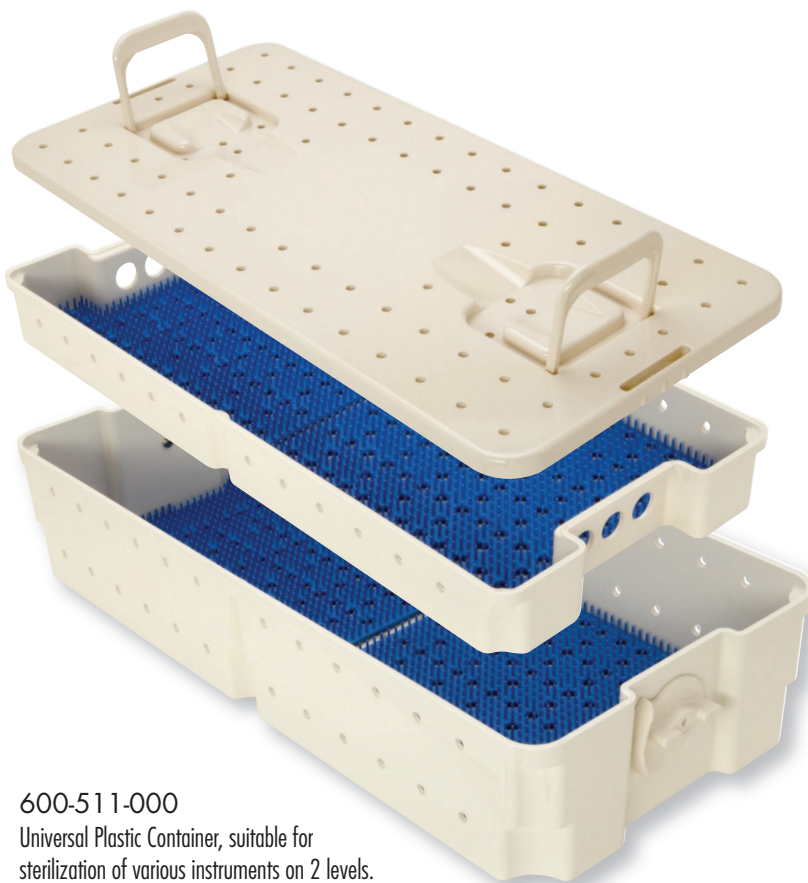
600-503-000

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



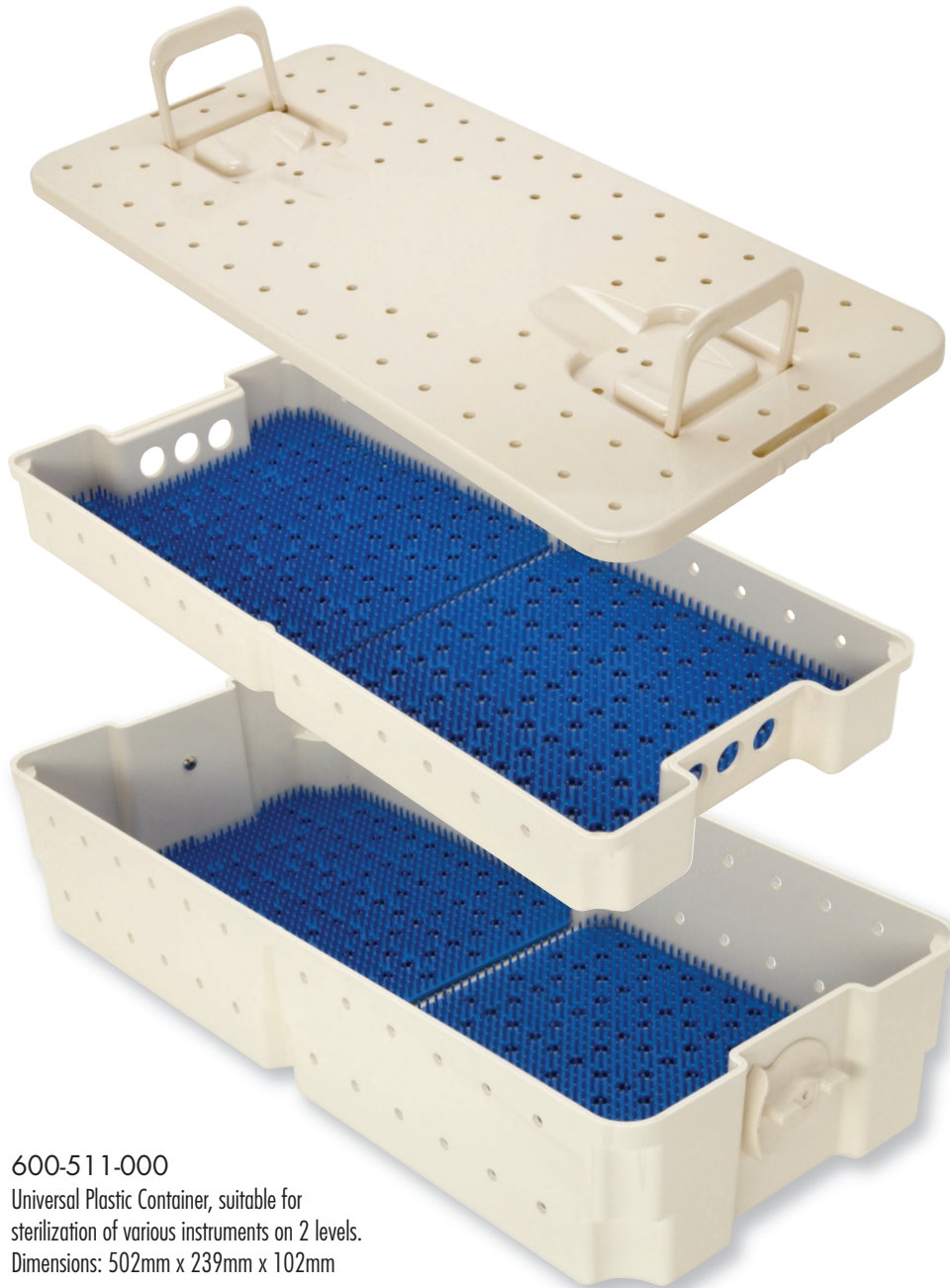
600-292-052

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



600-511-000

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



600-511-000

Universal Plastic Container, suitable for
sterilization of various instruments on 2 levels.
Dimensions: 502mm x 239mm 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 Ø 5mm, 500mm length (1 piece per box)



300-135-910
Cleaning brush for Ø 10mm, 500mm length (1 piece per box)



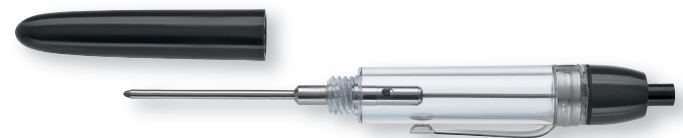
300-215-000
Cleaning brush, length 215mm, brush length 60mm, brush Ø 13mm



300-420-065
Cleaning brush, length 420mm, brush length 65mm, brush Ø 3mm



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



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