

Maeratec

Arthroscopy Catalog

A. Arthroscopy Tools	Page 2- 15
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E. Equipments	Page 28



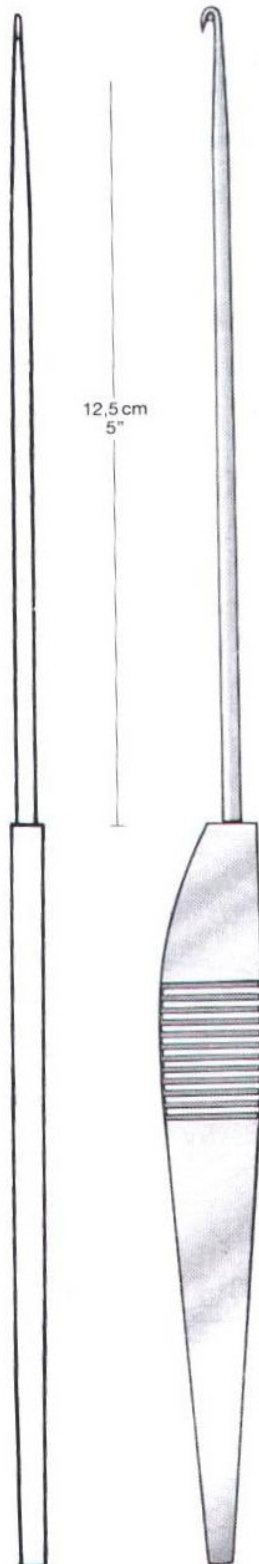
Handinstrumente
Hand Instruments
Instrumentos de mano
Instruments à main
Strumenti a mano

Ringgriff Instrumente
Instruments with ring handles
Instrumentos con mango de anillo
Instruments avec manche à anneaux
Strumenti con manico ad anello

Arthroskope
Arthroscopes
Artroscopios
Arthroscope
Artroscopi

Lichtleitkabel
Fiber optic cables
Cables conductores
Câbles de lumière en fibre de verre
Cavo conduttore

Geräte (Hinweis)
Equipment (Reference)
Aparatos (Aviso)
Appareils (Avis)
Apparecchiature (Avviso)



12,5 cm
5"

77.67.20

Messer, gerade Schneide 2 mm
Knife, straight edge 2 mm
Bisturi, filo recto 2 mm
Bistouri, tranchant droit 2 mm
Bisturi, taglio retto 2 mm



77.67.21

Hakenmesser, 3,5 mm breit
Hook Knife, 3.5 mm wide
Bisturi forma gancho, 3,5 mm ancho
Bistouri forme crochet, larg. 3,5 mm
Bisturi a uncino, largh. 3,5 mm



77.67.41

Meniskotom, gerade, 3 mm breit
Meniscotome, straight, 3 mm wide
Meniscótomo recto, 3 mm ancho
Méniscotome droit, larg. 3 mm
Meniscotomo retto, largh. 3 mm



77.67.80

Hakensonde, graduiert, 2 mm
Exploring Hook, graduated, 2 mm
Gancho explorador, graduado 2 mm
Sonde exploratrice, graduée, 2 mm
Sonda esploratrice, graduata, 2 mm



77.67.81

Hakensonde, graduiert, 2,5 mm
Exploring Hook, graduated, 2.5 mm
Gancho explorador, graduado, 2,5 mm
Sonde exploratrice, graduée, 2,5 mm
Sonda esploratrice, graduata, 2,5 mm



77.67.84

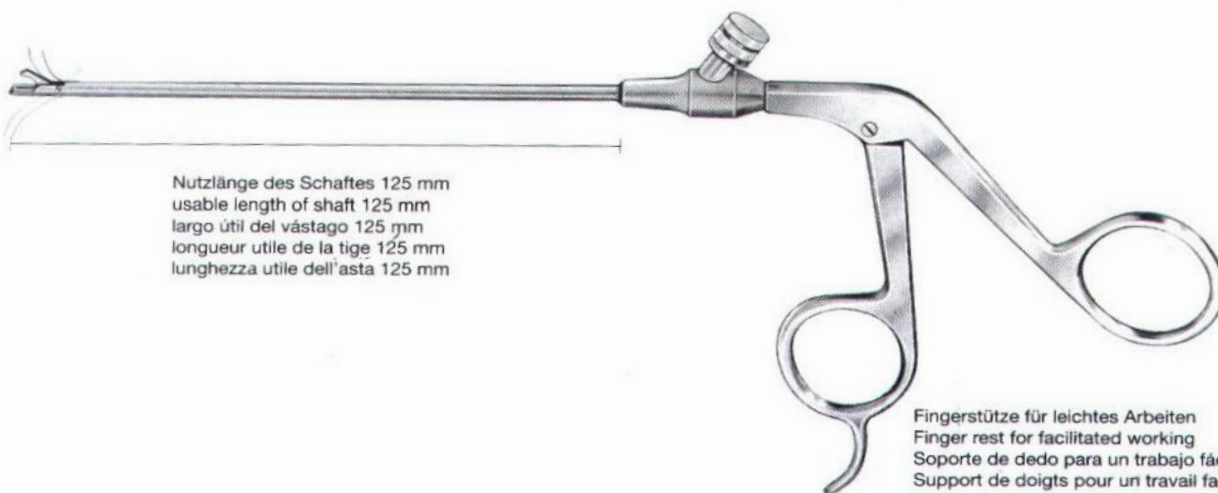
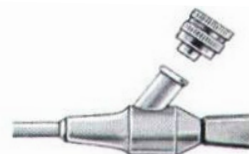
Hakensonde, graduiert, 3,5 mm
Exploring Hook, graduated, 3.5 mm
Gancho explorador, graduado, 3,5 mm
Sonde exploratrice, graduée, 3,5 mm
Sonda esploratrice, graduata, 3,5 mm



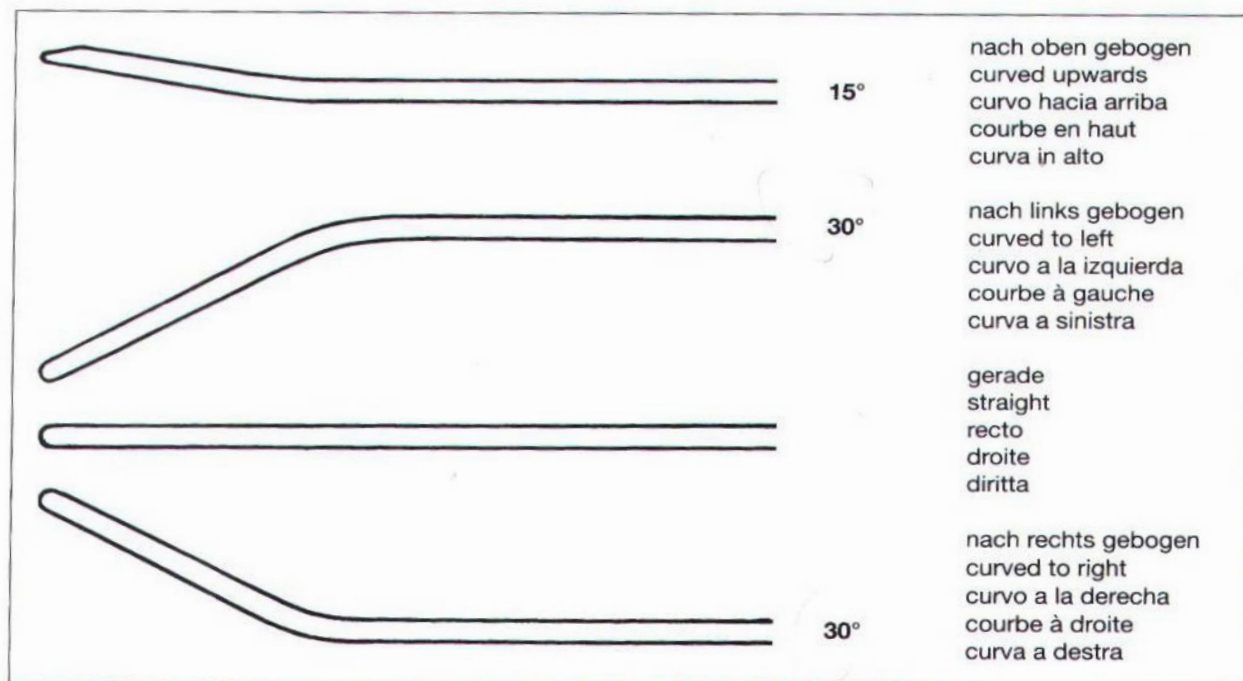
Alle Faßzangen, Stanzen und Scheren mit LL-Anschluß für eine gründliche Reinigung.
All grasping forceps, punches, and scissors with LL-connection for a thorough cleaning.
Todas las pinzas de agarre, pinzas saca-bocados y tijeras con conexión de LL para una limpieza profunda.

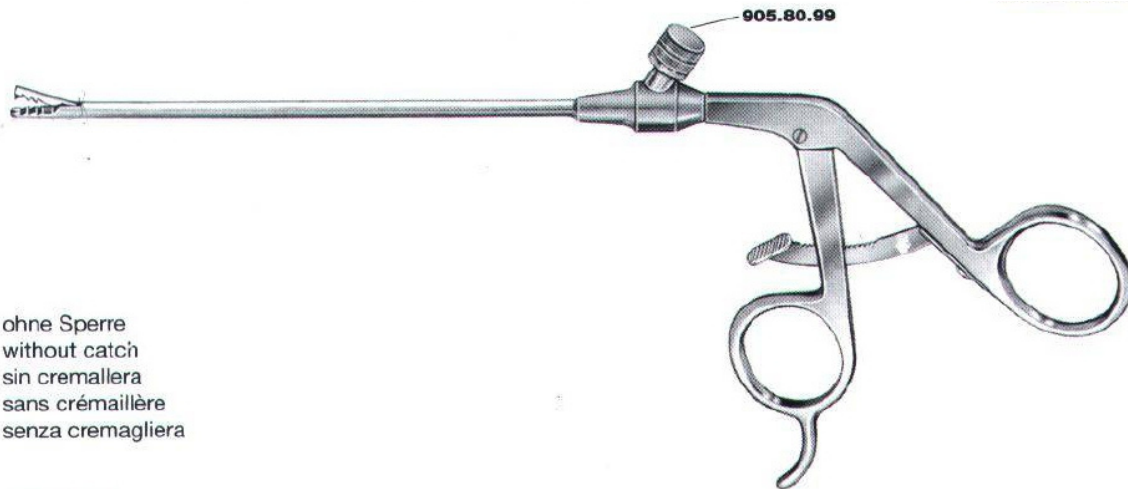
Tous les pinces à préhension, les pinces emporte-pièces et les ciseaux possèdent un raccord LL permettant un nettoyage profond.

Tutte le pinze da presa, sgorbie e le forbici con attacco LL permettono una precisa pulitura.



Schaftformen
Shaft forms
Formas de vástago 1:1
Formes de tiges
Forma dell'asta

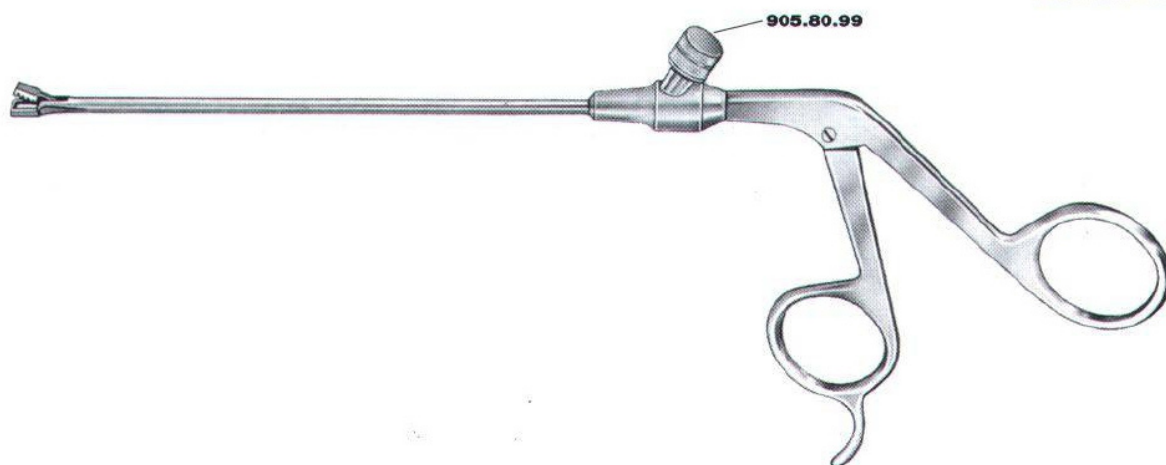


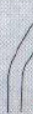
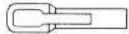


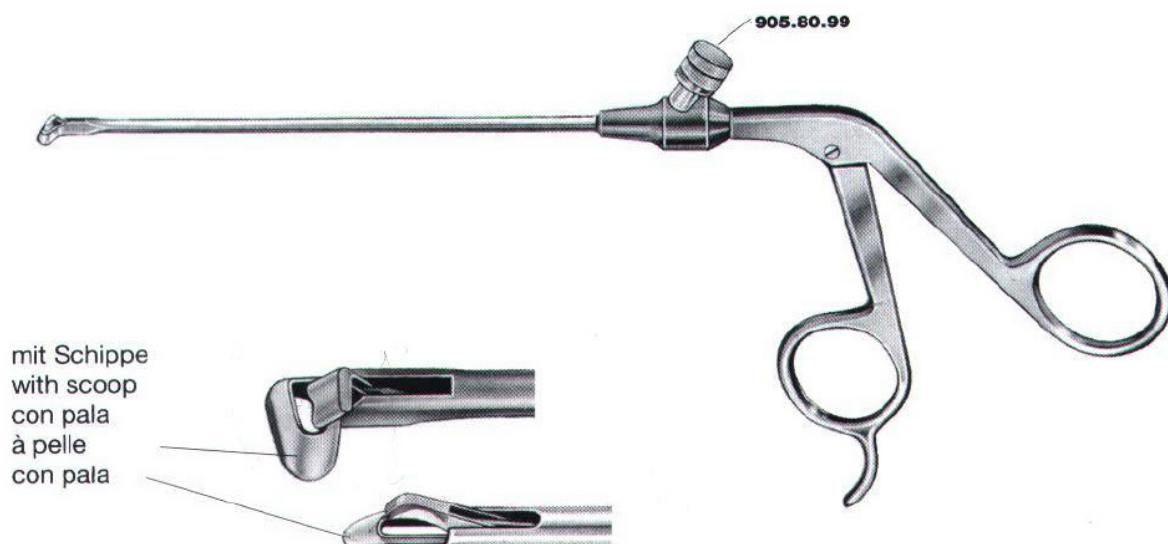
○ = ohne Sperre
without catch
sin cremallera
sans crémaillère
senza cremagliera

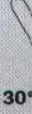
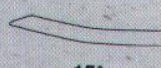
● = mit Sperre
with catch
con cremallera
avec crémaillère
con cremagliera

			 30°	 30°	 15°
	 Ø 2,0 mm	○ 77.70.20 ● 77.71.20			
	 Ø 2,7 mm	○ 77.70.26 ● 77.71.26	○ 77.70.67 ● 77.71.67	○ 77.70.47 ● 77.71.47	○ 77.70.77 ● 77.71.77
	 Ø 3,5 mm	○ 77.70.35 ● 77.71.35	○ 77.70.75 ● 77.71.75	○ 77.70.55 ● 77.71.55	○ 77.70.87 ● 77.71.87
	 Ø 2,0 mm	77.72.20			
	 Ø 2,7 mm	77.72.26	Faßzangen mit Löffelmaul Grasping Forceps with cup jaws Pinza para agarrar boca forma de cucharilla Pinces à préhension mors forme cuillère Pinze da presa con morso a cucchiaio		
	 Ø 3,5 mm	77.72.35			



			 30°	 30°	 15°
 gezahnt serrated dentada dentelê dentellate	 Ø 3,5 mm	77.74.35	77.74.95	77.74.75	77.74.55
 90°	 Ø 2,7 mm	77.79.27	77.79.87	77.79.67	77.79.47
 90°	 Ø 3,5 mm	77.79.35	77.79.95	77.79.75	77.79.55
 Big Bill	 Ø 2,7 mm	77.80.27			77.80.47
 Big Bill	 Ø 3,5 mm	77.80.35	77.80.95	77.80.75	77.80.55



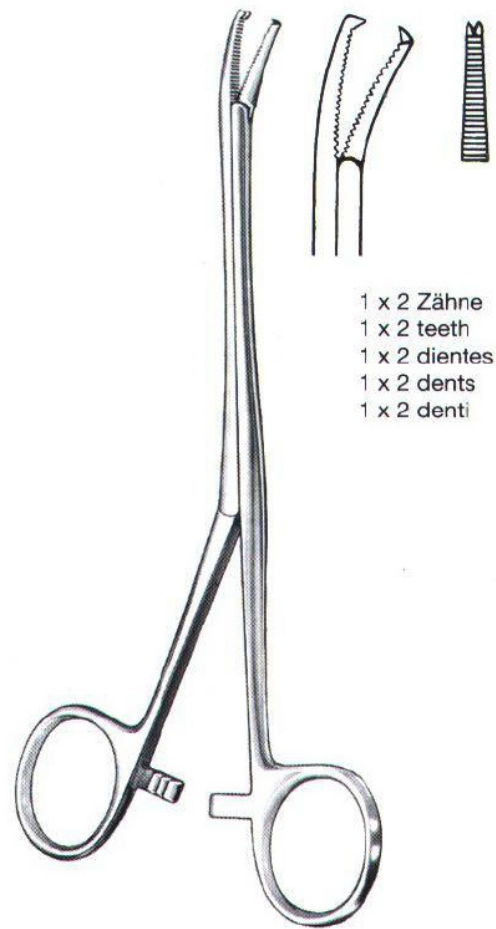
					
	 Ø 2,0 mm	77.75.20			
	 Ø 2,7 mm	77.75.27	77.75.87	77.75.67	77.75.47
	 Ø 3,5 mm	77.75.35	77.75.95	77.75.75	77.75.55
	45° Ø 3,5 mm	77.76.35	77.76.95	77.76.75	77.76.55
	45° Ø 3,5 mm	77.77.35	77.77.95	77.77.75	77.77.55
	90° Ø 3,5 mm	77.81.35	77.81.95	77.81.75	77.81.55
	90° Ø 3,5 mm	77.82.35	77.82.95	77.82.75	77.82.55



			 30°	 30°	 15°
	 Ø 2,0 mm	77.78.20			
	 Ø 2,7 mm	77.78.27	77.78.87	77.78.67	77.78.47
	 Ø 3,5 mm	77.78.35	77.78.95	77.78.45	77.78.55
	45° Ø 3,5 mm	77.78.65			
	45° Ø 3,5 mm	77.78.75			

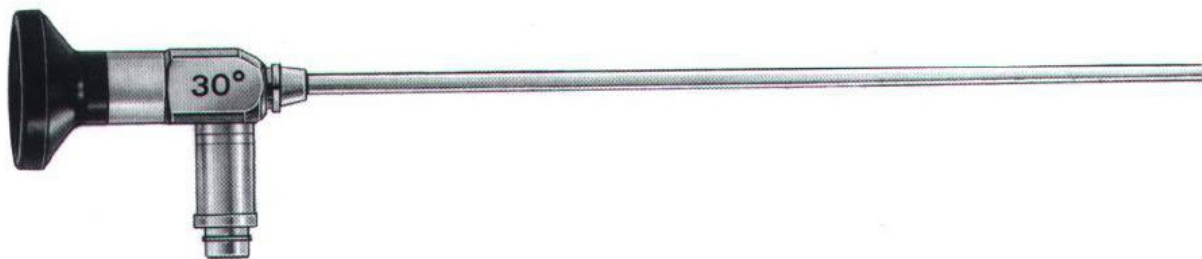


77.83.00
19 cm - 7 1/2"



1 x 2 Zähne
1 x 2 teeth
1 x 2 dientes
1 x 2 dents
1 x 2 denti

77.83.01
19 cm - 7 1/2"



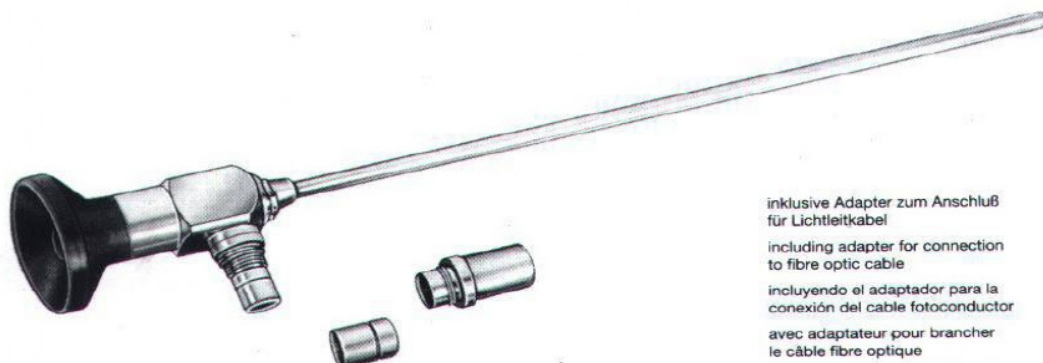
Die AERATEC-Optiken zeichnen sich durch ihre natürliche Farbwiedergabe und die gleichmäßige Bildschärfe aus. Ein breites Blickfeld und der große Tiefenschärfenbereich ergeben eine brillante Bildwiedergabe. Die unterschiedlichen Blickwinkel der einzelnen Modelle ermöglichen eine gezielte Anwendung. Das Kompakt-Objektiv garantiert eine lange Lebensdauer. Alle Modelle sind **autoklavierbar** bei **134°C** und **2 bar**.

The AERATEC optics distinguish themselves through their natural colour reproduction and the even image sharpness. The brilliant image reproduction is the result of a wide field of vision and a great depth of focus. The different view angles facilitate a selective application of the optics. The compact objective guarantees a long durability. All models are **autoclavable** at **134°C** and **2 bar**.

Las ópticas AERATEC se distinguen por su reproducción natural de los colores y la nitidez regular de la imagen. El campo visual ancho y la gran nitidez en profundidad resultan en una reproducción de imagen brillante. Los diferentes ángulos visuales de los modelos permiten una utilización precisa. El objetivo compacto garantiza una duración larga. Todos los modelos son **autoclavables** a **134°C** y **2 bar**.

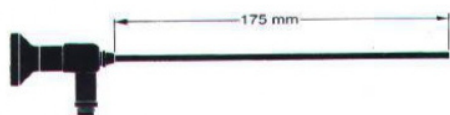
Les optiques AERATEC se distinguent par leur reproduction naturelle de couleurs et par la netteté régulière de l'image. Le champ visuel large et la grande profondeur de champ donnent une reproduction brillante de l'image. Les différents angles visuels de chaque modèle permettent une utilisation précise. L'objectif compact garantit une longue durée de vie. Tous les modèles sont **autoclavables** à **134°C** et **2 bar**.

Le ottiche AERATEC si distinguono per la sua riproduzione naturale dei colori e per la regolare nitidezza dell'immagine. Il campo visuale largo e la grande profondità del campo rende una riproduzione brillante dell'immagine. I differenti angoli visuali dei diversi modelli rendono possibile una utilizzazione precisa. L'obiettivo compatto garantisce una lunga durata di vita. Tutti i modelli sono **autoclavabili** con **134°C** e **2 bar**.

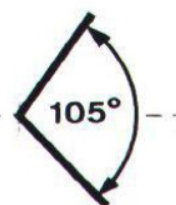


inklusive Adapter zum Anschluß
für Lichtleitkabel
including adapter for connection
to fibre optic cable
incluyendo el adaptador para la
conexión del cable fotoconductor
avec adaptateur pour brancher
le câble fibre optique
compreso adattatore per l'attacco
di cavi fotoconduttori

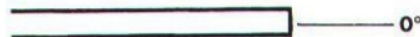
ACMI
AERATEC
WOLF
STORZ



Öffnungswinkel
Opening range
Ángulo de abertura
Angle d'ouverture
Angolo d'appertura



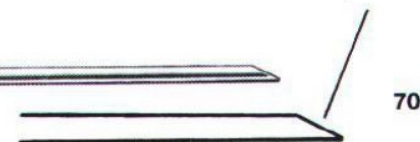
77.60.00
Ø 4,0 mm



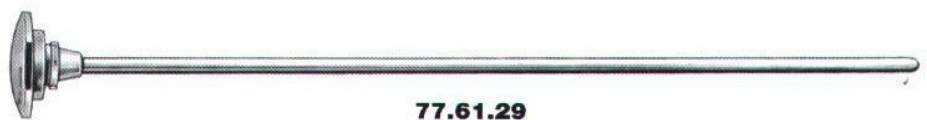
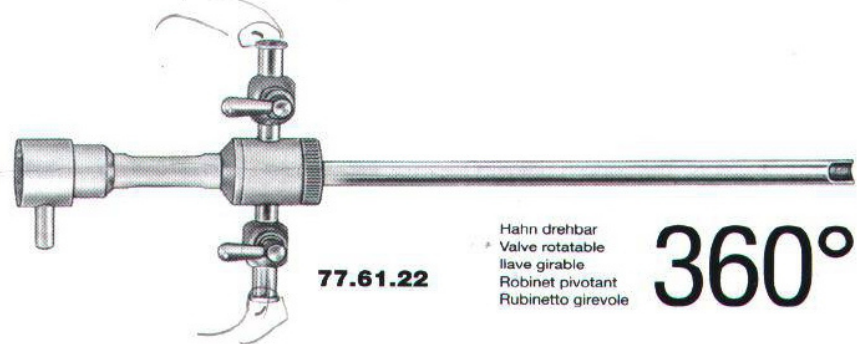
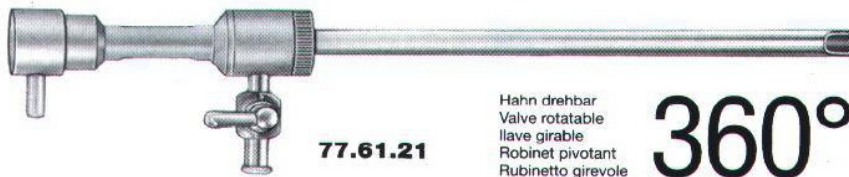
77.60.03
Ø 4,0 mm



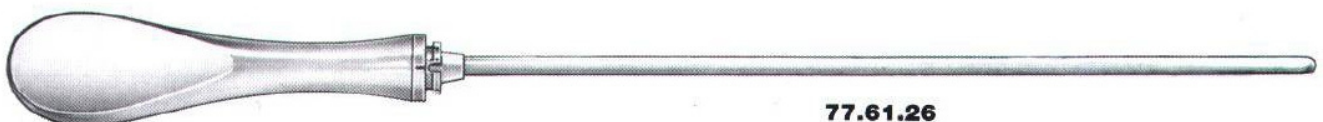
77.60.07
Ø 4,0 mm

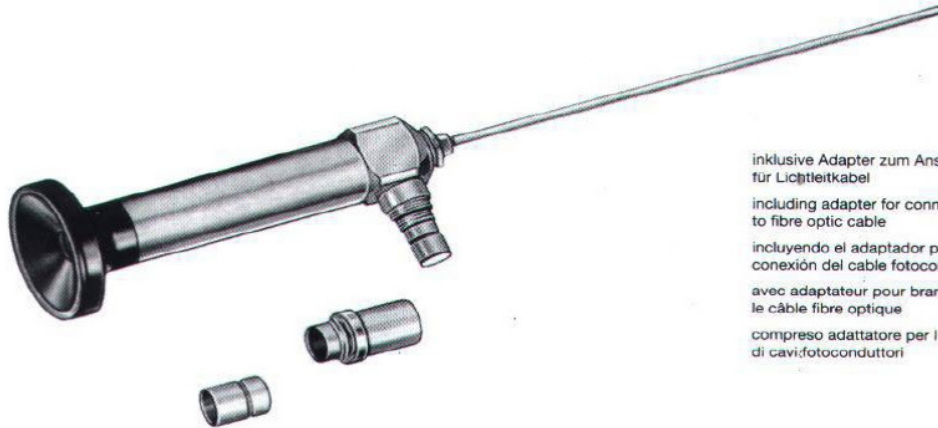


für Standard Arthroskope, 175 mm Nutzlänge
for Standard Arthroscopes, 175 mm working length
para artroscopios estándar, 175 mm largo útil
pour arthroscopes standard, 175 mm longueur utile
per artroscopi standard, 175 mm lunghezza utile



Hohlheft
Hollow handle
Mango hueco
Manche creux
Manico incavato

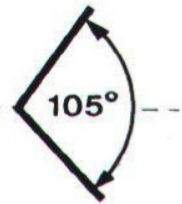




inklusive Adapter zum Anschluß
für Lichtleitkabel
including adapter for connection
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incluyendo el adaptador para la
conexión del cable fotoconductor
avec adaptateur pour brancher
le câble fibre optique
compreso adattatore per l'attacco
di cavi fotoconduttori

ACMI
AERATEC
WOLF
STORZ

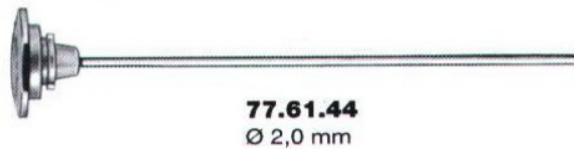
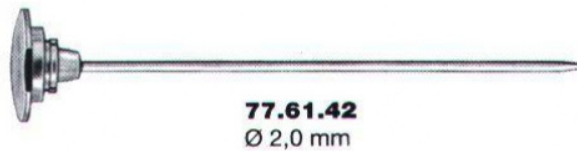
Öffnungswinkel
Opening range
Ángulo de abertura
Angle d'ouverture
Angolo d'apertura



77.60.35
Ø 1,7 mm

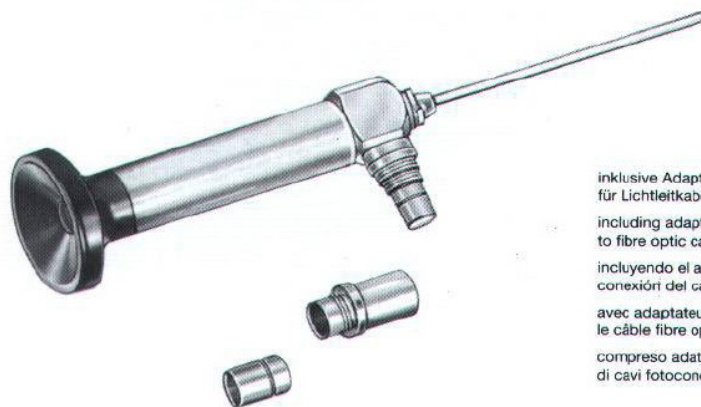
77.60.45
Ø 2,0 mm

für Mini Arthroskope, 104 mm Nutzlänge
for Mini Arthroscopes, 104 mm working length
para artroscopios mini, 104 mm largo útil
pour arthroscopes mini, 104 mm longueur utile
per artroscopi mini, 104 mm lunghezza utile



Hohlheft
Hollow handle
Mango hueco
Manche creux
Manico incavato

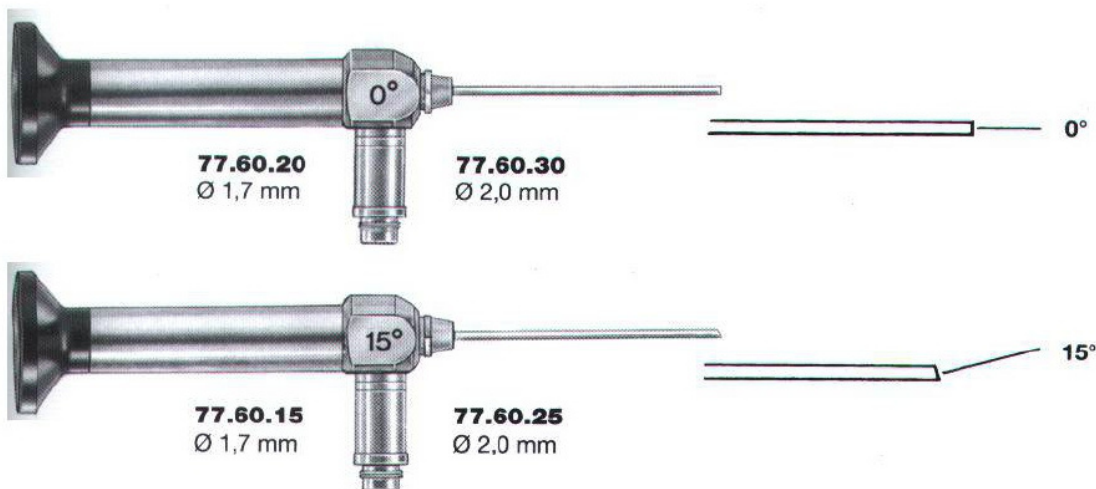
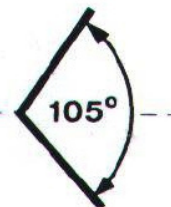




inklusive Adapter zum Anschluß
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ACMI
AERATEC
WOLF
STORZ

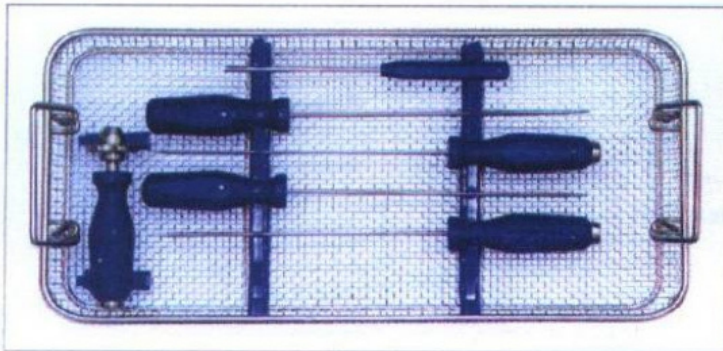
Öffnungswinkel
Opening range
Ângulo de abertura
Angle d'ouverture
Angolo d'apertura



SOFTAK™

Instrumentensiebe/*Instrument Trays*

SOFTAK™ I



REF.

KF12100

SOFTAK I - Sieb / Tray

Inhalt/Contents:

1 Führungshülse / Cannulated Guide
für 2.4 + 2.8 mm

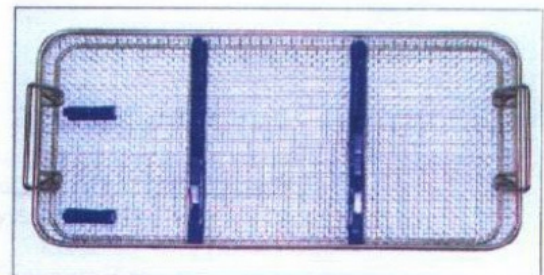
Dom / Bone Punch

1 x 2.4 / 1 x 2.8 mm

Gewindeschneider / Tap

1 x 2.4 mm / 1 x 2.8 mm

1 x Universal-Handgriff / Handle



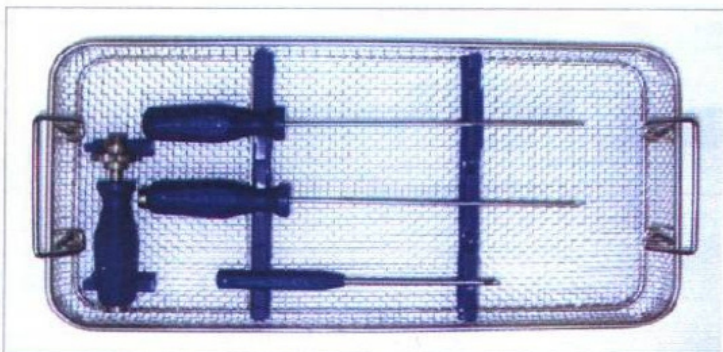
REF.

KF12010

SOFTAK I - Sieb leer

SOFTAK I - Tray empty

SOFTAK™ II HelixScrew™



REF.

KF12200

SOFTAK II - Sieb / Tray

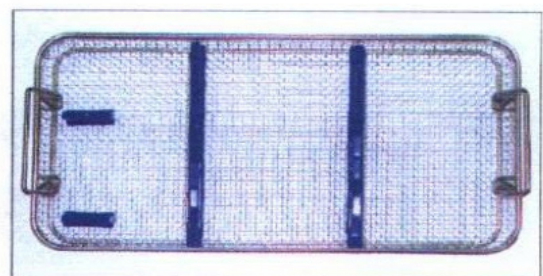
Inhalt/Contents:

1 x Führungshülse / Cannulated Guide

1 x Dom / Bone Punch

1 x Gewindeschneider / Tap

1 x Universal-Handgriff / Handle



REF.

KF12020

SOFTAK II - Sieb leer

SOFTAK II - Tray empty

EndoSorb™

Resorbierbare Interferenzschrauben/kanuliert Resorbable Interference Screws/cannulated

Material:

EndoSorb™ kombiniert optimales Schraubendesign mit einer optimierten Materialzusammensetzung zur signifikanten Reduzierung der Bruchgefahr beim Eindrehen der Schraube. Die EndoSorb™-Schrauben sind aus einer Kombination eines resorbierbaren Co-Polymers von L- und D,L-Lactid (L/DLPLA) hergestellt. Polylactide werden über eine Zeit von 24 bis 36 Monaten im Körper über den natürlichen Weg durch Hydrolyse in Milchsäure abgebaut.

Material:

EndoSorb™ combines optimal screw design with optimal material composition to achieve significantly reduced screw breakage. The EndoSorb™ screws are made from a combination of resorbable copolymers of L-lactide und D,L-lactide (L/DLPLA). Polylactide is gradually decomposed in the body by hydrolysis down into lactic acid over 24 to 36 months.

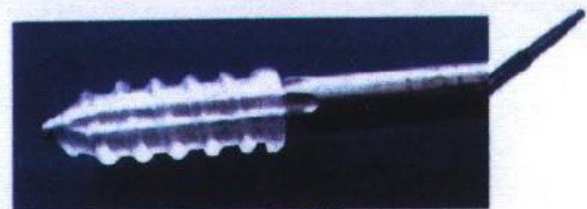
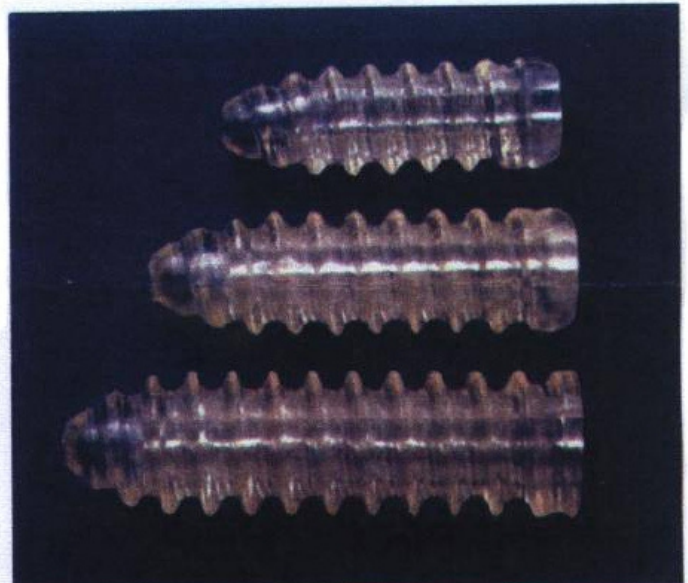
REF. sterile	DIA - Ø	Länge/Length
CA10720	7 mm	20 mm
CA10725	7 mm	25 mm
CA10730	7 mm	30 mm
CA10820	8 mm	20 mm
CA10825	8 mm	25 mm
CA10830	8 mm	30 mm
CA10920	9 mm	20 mm
CA10925	9 mm	25 mm
CA10930	9 mm	30 mm



Vorböhrer , kanuliert
Notcher, cannulated

REF. CA92089

Kirschnerdraht, 1.6 mm, K-wire 1.6 mm



EndoSorb™ Schraubenzieher kanuliert
Screw driver cannulated

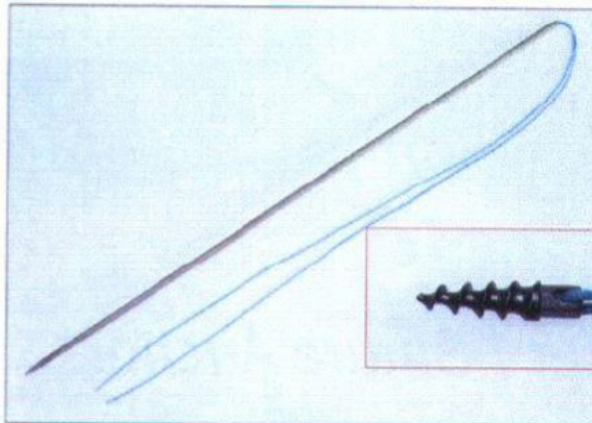
REF. CA92099

Kirschnerdraht, 1.6 mm, K-wire 1.6 mm

Literatur/Literature:

BENDIX, D.: Chemical synthesis of polylactide and its copolymers for medical applications. Polymer Degradation and Stability 59 (1998) 129-135

WEIER, M.D., A. et. al: Biodegradable Implants in Sports Medicine: The Biological base. Arthroscopy: The J. of Arthroscopic and Related Surgery, Vol. 16, No 3 (2000) Pages 305-321



SOFTAK™ I

2.4 + 2.8 mm

Faden-Anker/Suture Anchor



Set/Unit

Inhalt/Contents:

- 1 x SOFTAK™ I, Titanium
- 2.4 oder 2.8 mm Anker/Anchor
- 1 x Einsetzrohr/Cannulated Insert
- 1 x 120 cm geflochtener Polyesterfaden (grün) USP 2
- braided polyester Suture USP 2 (green)

Anker Ø / Anchor Dia	Sets / Units	REF. Sterile
2.4 mm	6	KE01024
2.8 mm	6	KE01028

Instrumente/Instruments



Führungshülse, durchbohrt
Cannulated Guide

Für Anker / For Anchor	Left / Links	Right / Rechts
2.4 + 2.8 mm	KF12102	KF12103



Dom / Bone Punch

Für Anker / For Anchor	REF. Sterile
2.4 mm	KF12111
2.8 mm	KF12121



Gewindeschneider / Tap

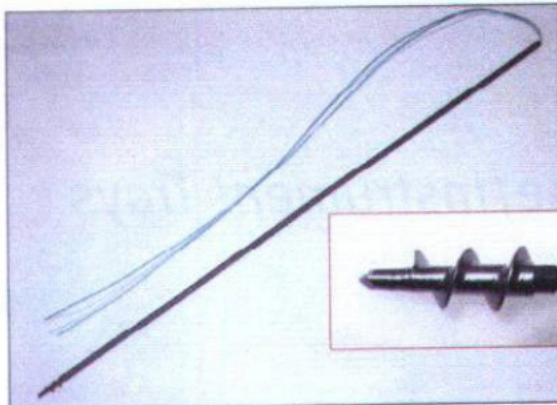
Für Anker / For Anchor	REF. Sterile
2.4 mm	KF12112
2.8 mm	KF12122

SOFTAK™ Universal-Handgriff/Handle

- › Gleich für alle SOFTAK™ Faden-Anker
- › The same for all SOFTAK™ Suture-Anchors

REF.
KF12000





SOFTAK™ II HelixScrew™

5.0 mm
Faden-Anker/Suture Anchor



Set/Unit

Inhalt/Contents:

- 1 x SOFTAK™ II HelixScrew™
- Titanium 5 mm Anker/Anchor
- 1 x Einsetzrohr/Cannulated Insert
- 2 x 120 cm geflochtener Polyesterfaden
(1 x grün, 1 x weiß) USP 2
- braided polyester Suture USP 2
(1 x green, 1 x white)

Sets / Units	REF. Sterile
6	KE02005

Instrumente/Instruments



Führungshülse, durchbohrt
Cannulated Guide

REF. Sterile

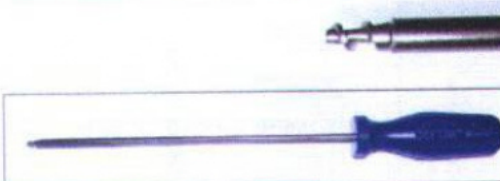
KF12201



Dom / Bone Punch

REF. Sterile

KF12211



Gewindeschneider / Tap

REF. Sterile

KF12221



52101

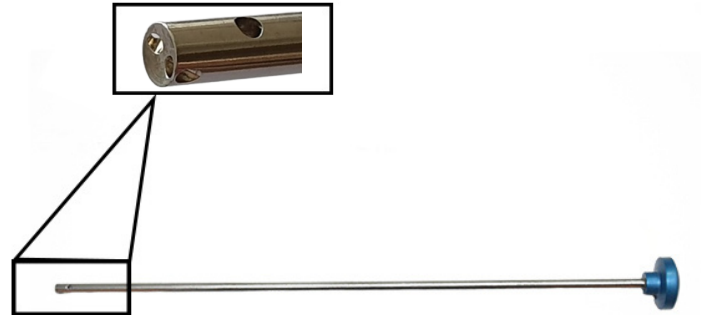
Convex Soft Tissue Aeratec Knot driver.

For the Rotator Cuff
Mattress Repair.

52102

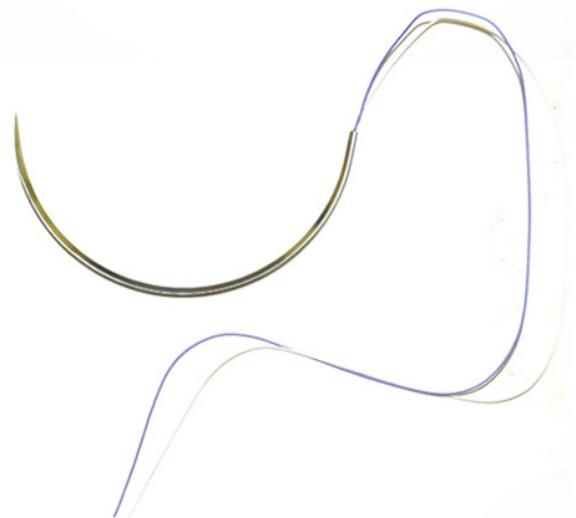
Concave Small Aeratec Knot driver

for a sliding Knot.



52111 Small 5cm
52112 Middle 6cm
52113 Large 7cm

(all single use 3-edges bone
cutting GIANT NEEDLE each
with two number 2 polyester
non absorbable sutures)



52114 Small 5cm
52115 Middle 6cm
52116 Large 7cm

(Sutureless single use 3-edges
bone cutting GIANT NEEDLE)

52117

Aeratec Giant Needle Guide

To point out the tip of the
needle through the skin



52120

Aeratec Measuring Needle

A measuring guide for the subacromial space by Decompression



52130

Aeratec Subacromial Scissors

Mainly used in Cuff Repair for tissue and suture cutting .



52131

Arthroscopy Punch Forceps

for

- Cuff Mobilization
- Capsel Incisions
- Cutting of Sutures, Tissues and ligaments



52132

Arthroscopy Ring Forceps

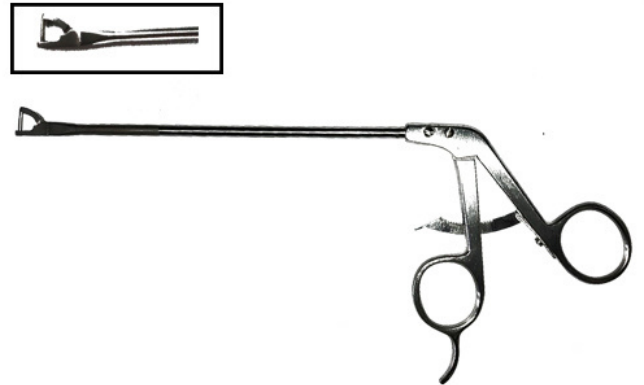
For Catching and Removing the sutures.



52133

Arthroscopy Cobra Forceps

To pass the suture through the tissue from the portal



52134

Sniper (Wire and PS suture guide)



52135

Cane Loop Penetrating Suture Wire With Number 2 Polyester non absorbable Suture

For tendon / Ligament to bone
and bone to bone suture fixation



52140

Arthroscopy Hook

For Suture removal and tissue
pulling



52141A

Chop Needle Set (521411-521416)

(Suture passer and puller for portalless tendon , ligament , capsule and bone repair)



521411

Suture Pulling Chop 0°

521412

Suture Pulling Chop 45°

521413

Suture Catcher Chop 0°

521414

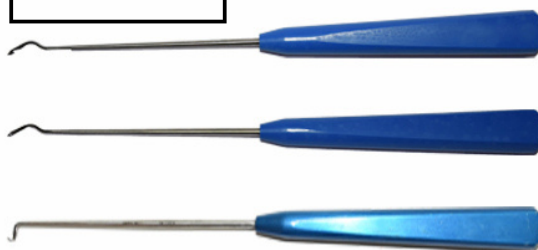
Suture Catcher Chop 45°

521415

Suture Catcher Chop 80°

521416

Suture Catcher Corkscrew



52160

Giant Needle Holder

for the bone cutting giant needle .



52165

Artery Clip Suture Clamp



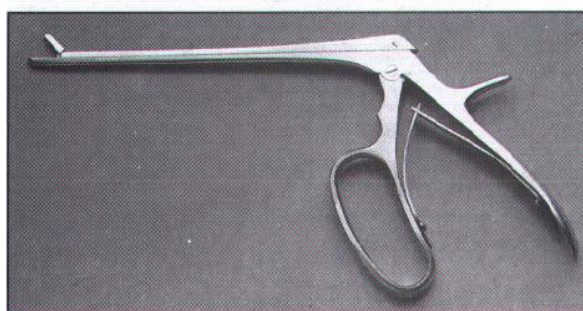
52171

Areatec Bone Remover (large)

52172

Areatec Bone Remover (small)

In AVN of the Humeral head
in AC - Joint OA,
in Open Epiphyses, old fractures
and others .



52181

Aeratec Rotator Cuff Mobilisation Rasp (large)

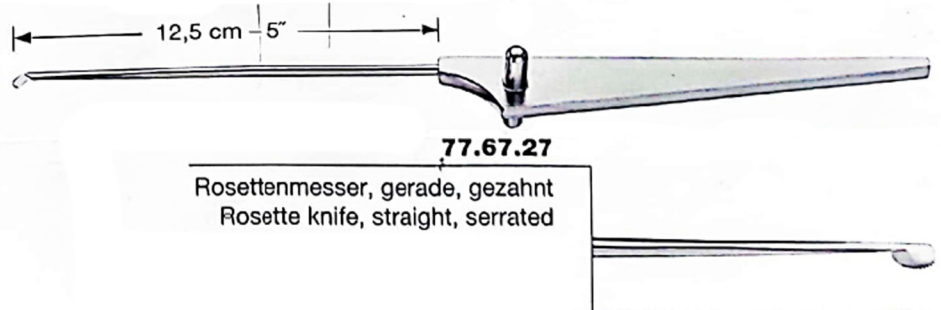
52182

Aeratec Rotator Cuff Mobilisation Rasp (small)

Cuff Mobilisation and
Smoothing of Bone



- 52193 Half Moon Knife**
(Calcium removal i calcific tendonitis)



- 52194 Arthroscopy Awl**
(For giant needle bone portal and microfracturing)



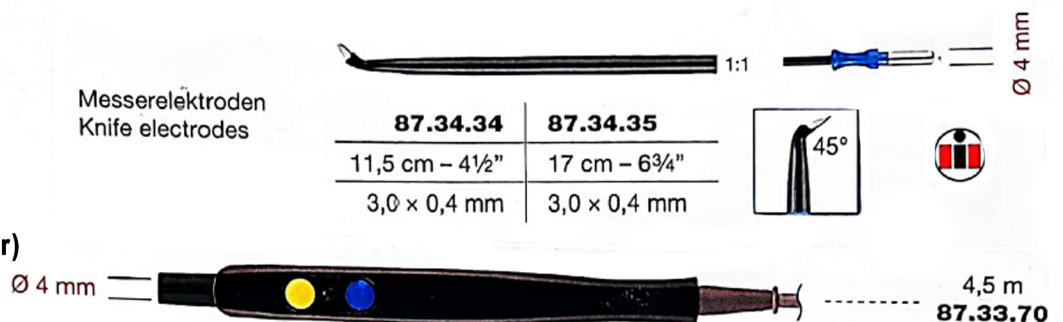
- 531950 Water Inflow Cannula**
(For subacromial arthroscopy)



- 531951 Water Inflow Cannula Trochar**



- 54002 Electric Cutter**
(for inferior capsular shift and frozen shoulder)



Shaver Blades mehrfach wiederverwendbar.



Shaver Blades für **Dyonics Shaver EP1** (kein Adapter erforderlich)

		Ø 3,4 mm	Ø 4,2 mm	Ø 5,5 mm
	Aggressive Full-Radius Resector	15-20310	15-20410	15-20510
	Meniscus Cutter	15-20320	15-20420	15-20520
	Full-Radius Resector	15-20330	15-20430	15-20530
	Incisor	15-20340	15-20440	15-20540
	Round Burr			15-20560
	Tapered Burr			15-20570
	Oval Burr			15-20580



Shaver Blades passend für **Stryker** (kein Adapter erforderlich)

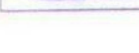
		Ø 3,4 mm	Ø 4,2 mm	Ø 5,5 mm
	Aggressive Full-Radius Resector	15-30310	15-30410	15-30510
	Meniscus Cutter	15-30320	15-30420	15-30520
	Full-Radius Resector	15-30330	15-30430	15-30530
	Incisor	15-30340	15-30440	15-30540
	Round Burr			15-30560
	Tapered Burr			15-30570
	Oval Burr			15-30580

Shaver Blades für Aeskulap und Imtec mit Adapter Lieferbar .

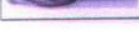
Shaver Blades mehrfach wiederverwendbar.



Shaver – Blades, kein Adapter erforderlich passend für
Linvatec – Arthrex – Friatec - Concept

		Ø 3,4 mm	Ø 4,2 mm	Ø 5,5 mm	Ø 3,4 mm	Ø 4,2 mm	Ø 5,5 mm
	Aggressive Full – Radius Resector	15-16310	15-16410	15-16510	15-16310S	15-16410S	15-16510S
	Meniscus Cutter	15-16320	15-16420	15-16520	15-16320S	15-16420S	15-16520S
	Full-Radius Resector	15-16330	15-16430	15-16530	15-16330S	15-16430S	15-16530S
	Incisor	15-16340	15-16440	15-16540	15-16340S	15-16440S	15-16540S
	Round Burr			15-16560			15-16560S
	Tapered Burr			15-16570			15-16570S
	Oval Burr			15-16580			15-16580S

passend für Dyonics Shaver PS 3500 EP, kein Adapter erforderlich

		Ø 3,4 mm	Ø 4,2 mm	Ø 5,5 mm
	Aggressive Full – Radius Resector	15-26310	15-26410	15-26510
	Meniscus Cutter	15-26320	15-26420	15-26520
	Full-Radius Resector	15-26330	15-26430	15-26530
	Incisor	15-26340	15-26440	15-26540
	Round Burr			15-26560
	Tapered Burr			15-26570
	Oval Burr			15-26580

Blades und Fräser für die Shaver - Anlagen von :
Arthrex - Linvatec - Friatec - Concept

Sie benötigen keinen Adapter.

Autoklavier.- und wiederverwendbare Blades/Fräser

Passend für Shaver von **Linvatec - Arthrex - Friatec - Concept**



Ø	Full Radius	Aggressive	Incisor	Meniskus-Cutter
3,4 mm	15 - 16330	15-16310	15 - 16340	15 - 16320
4,2 mm	15 - 16430	15 - 16410	15 - 16440	15 - 16420
5,5 mm	15 - 16530	15 - 16510	15 - 16540	15 - 16520

Passend für Shaver von **Arthrex - Linvatec - Concept - Friatec**



Ø		Tapered Burr	Kugelfräse	Olivenfräse
5,5 mm	Nicht Lieferbar	15 - 16570	15 - 16560	15 - 16580

Druckinfusionsmanschetten in Taschenform

- für 3000ml Spülbeutel
- für 3000ml/5000ml Spülbeutel
- für 10.000ml Spülbeutel



Gebrauchsanweisung:



1. Reißverschluss öffnen.



2. Spülbeutel einlegen. Zuleitung durch Öffnung schieben.



3. Reißverschluss schließen.



4. Manschette nun an ein Druckluftgerät oder eine manuelle Pumpe anschließen.

Druckinfusionsmanschette 3000ml, passend für 3000ml Spülbeutel, mit weiblichem Luer Lock Anschluss

REF.

52-01-300

Druckinfusionsmanschette 3000ml/5000ml, passend für 3000ml und 5000ml Spülbeutel, mit weiblichem Luer Lock Anschluss

52-01-500

Druckinfusionsmanschette 10.000ml, passend für 10.000ml Spülbeutel, mit weiblichem Luer Lock Anschluss

52-01-900

Druckinfusor 200

- für den Anschluss an die zentrale Druckluftversorgung
- mit Anschlussmöglichkeit von zwei Druckinfusionsmanschetten

komplett mit 4m Druckschlauch und Wandentnahmestecker

- mit Universalklammer REF. 52-13-200
- auf fahrbarem Stativ mit Korb REF. 52-15-200



Druckinfusor 200 ELC

- für den Anschluss an Strom
- mit Anschlussmöglichkeit von zwei Druckinfusionsmanschetten

komplett mit Stromkabel

- mit Universalklammer REF. 52-13-200 ELC
- auf fahrbarem Stativ mit Korb REF. 52-15-200 ELC



ECONOMIC WATER PUMP

Pumping Bag for : 3000 ml, 5000ml, and 10000ml

MAERATEC ECONOMIC WATER PUMP

Pump 200 : with air power for two bags

Pump 200ELC : Electric power for two bags



MAERATEC

ECU Endoscopic Camera M3000 CV

ARTHROSCOPY + LAPAROSCOPY + GYNECOLOGY + UROLOGY + LARYNGOLOGY



Single-chip high sensitivity endoscopic camera providing Full HD video output. Light, handle and ergonomic camera head facilitates performance of surgical endoscopic procedures.

Features:

- 1-CCD ultra high sensitivity sensor
- Digital DVI output providing FULL HD resolution (1920 x 1080 px)
- 50/60 Hz frame rate
- FREEZE function

Strengths:

- Predefined settings for different endoscopic treatments
- Three programmable control buttons on the camera head
- Ergonomic, light and waterproof camera head
- Excellent color rendering



MAERATEC

TECHNICAL PARAMETERS

CAMERA CONSOLE UNIT (3000-10 / 3000-11)

Power supply	100-240 VAC; 50-60 Hz
Class of protection	I, Applied part type BF
CE Standard	EN60601-1; EN60601-1-2; IEC60601-2-18
Casing safety standard	IP20
Resolution	1024x768 1280x1024 1280x720 1920x1080 1920x1200
Image sensor	1/3" CCD
Video system	PAL / NTSC
White balance	Automatic and Manual
Minimum illumination	0,1 lux
Frame rate	50 / 60 Hz
Video signal output	DVI-D, RGB HV, S-Video, Composite Video
Interfaces	RS232, PS/2

CAMERA HEAD (3000-10H / 3000-11H)

Weight	90g
Cable length	3m
Lens connection	C-mount
Casing safety standard	IPX7 waterproof enclosure



Maeratec Xenon Light Sources

Xenon Light Sources

Xenon light source characterized by its high power and very true colors projection of tissue. Perfect for endoscopy surgeries that require large amount of light with relatively low power consumption.

Strength

Stable color temperature

Very true colors projection of tissue

Clear picture having a positive impact on work comfort and decreasing tiredness during longer surgeries

Availability of various light guide cable connector's types

Smooth regulation of light intensity in the whole range of 1-100%

Ultra silent work below 30dB

Economic mode extending life time of a lamp

An average life time of a lamp: 500 hours

A special function informing a user about the necessity of changing a lamp

Memory of last used settings

Esthetic and modern design

Multi-language menu: English, German, French

Available types: Xenon Light Sources of 300W light efficiency (300X-10)

Xenon Light Sources of 180W light efficiency (180X-10)

Xenon Light Sources of 100W light efficiency (100X-10)



Light Guide Cables for LED Light Sources

Cable diameter: 1,4/1,6mm; 2,2/2,5mm; 3,2/3,5mm; 4,5/4,8mm

Length: od 1,8 do 5m

Light Guide Cables for Xenon Light Sources

Cable diameter: 2,5mm; 3,5mm; 4,8mm

Length: od 1,8 do 5m



Maeratec Fluid Pump

Fluid Pump

A medical fluid pump designed to deliver fluid under a given pressure to an operating area. Devices dedicated to arthroscopic, hysteroscopic and urologic surgeries. Controlled by a control unit panel or a remote controller. Used with disposable and day-use tubing sets.

General information

Universal pump(5201-10)

5201-20 Arthroscopy @page { size: 21cm 29.7cm; margin: 2cm } P { margin-bottom: 0.21cm }
10-150 mmHg Flow

Strengths

A very precise calibration of the measuring system through LEVEL function

FLUSH function for an efficient rinsing of an operating area

Non-volatile memory of the last settings

Three working modes of the Universal Fluid Pump

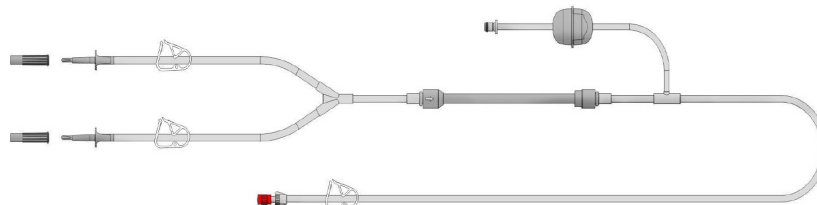
Acoustic and visual alerts ensuring correct tubing installation

Optional control by a remote controller

Big and clear display and an intuitive menu

Esthetic and modern design

Available types: Universal Fluid Pump (PV-5201AUH), Fluid Pump for Arthroscopy (PV-5201A), Fluid Pump for Urology (PV-5201U), Fluid Pump for Hysteroscopy (PV-5201H)



Fluid Pump Tubings

Tubing sets for Maeratec Endoscopy Fluid Pumps. Designed in the way to make it easy for medical staff to prepare a pump for a surgery. Two options available: single-use or day-use tubing sets (as an economical solution).

Single-Use Tubing Set (SUTS)

Installed directly do the pump control unit and endoscopy sheath.

Use of single-use tubing sets enforces their change after each surgery. At the same time, it is also necessary to change a fluid bag.



Fluid Pump Remote Controller

Remote controller dedicate to Maeratec Endoscopy Fluid Pump. It makes it possible to control the fluid flow and pressure without staying close to the control unit panel. Made from esthetic and solid stuff.



Arthroscopic Shaver System

High quality arthroscopic shaver systems. Enhanced by a wide range of rotational speed and high efficiency of the drive unit. Light and ergonomic handpiece. Controlled by a wireless or cable footswitch.

Arthroscopic Shaver System

General information

Two handpiece outputs. A handpiece with automatic or manual lock. Counter-wise, counter-clockwise and oscillation handpiece rotation modes.

Three oscillation modes: light, medium and aggressive.

Controlled by a control unit panel or footswitch.

Automatic identification of a connected handpiece and set of previously used parameter.

Compatibility with shaver blades of well-known manufacturers.

Strength

Wireless footswitch.

Ergonomic and autoclavable handpiece. Protection against overloading of a handpiece. Smooth and continuous work of the engine.

Stable oscillation mode. Fully controlled rotational and oscillation speed.

Disposable and multi-use shaver blades (with no use-limits). Non-volatile memory of previous settings. Big and clear display.

Esthetic and modern design.

Multi-language menu: (English, German, French,

Strengths

Very true color projection

Wide view angle (178° / 178°)

Quick signal detection. Freeze

function. Picture-in-Picture mode. Certified

medical device. VESA mounting solution

Available types

24" LCD Medical Monitor. 26" LCD Medical Monitor. 27" LCD Medical Monitor. 32" LCD Medical Monitor.



Medical monitors

Big medical monitors (24-32") dedicated to endoscopy surgeries. A high quality LED backlight display ensuring true colors of an operating area image. Digital and analog outputs provide opportunities of displaying video in different resolutions, including Full HD standard.

General information

LED backlight display. IPS TFT display. Full HD (1920x1200 or 1920x1080) resolution. HDMI, DVI, SDI, VGA, RGB, S-Video, Video (BNC) outputs.



ARTHROSCOPY TOWER