

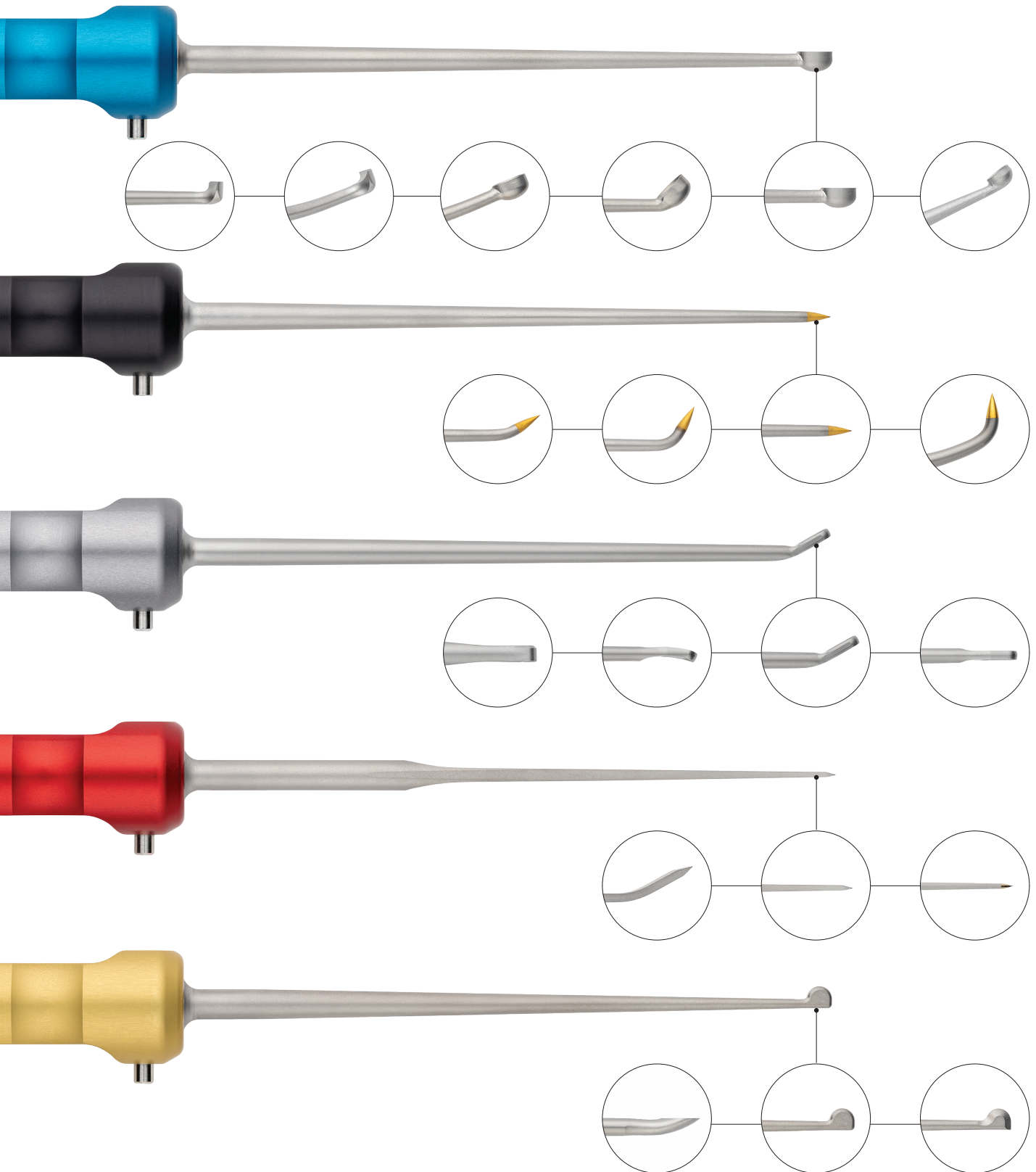
# Arthrex Arthroscopy Instrument System





# Arthrex Arthroscopic Instrument Set – AR-8656S




The new arthroscopic instrument set is a comprehensive and versatile system. The instruments were designed with improved material properties to be more durable, more functional, and more ergonomic. With feedback from some of the best arthroscopists in the world, including Dr. Thomas O. Clanton, Dr. Ned Amendola, and Dr. Eric Giza, this set was designed with the surgeon and patient in mind and to help surgeons treat their patients better.



## Chondral Picks




The newly designed chondral picks, offered in multiple bends, allow for global access within the arthroscopy environment. The sharp, durable picks have tin-coated tips to indicate the ideal depth for marrow stimulation. New with this system, Arthrex now offers the strike plate attachment, which allows the surgeon to strike more in line with the angle of the chondral picks, enabling precise tunnel creation without skiving.

Chondral Picks	Item Number	
Chondral Pick, 30°	AR-8656-01	
Chondral Pick, 60°	AR-8656-02	
Chondral Pick, 90°	AR-8656-03	
Chondral Pick, straight	AR-8656-04	

Other Instruments	Item Number	
Strike Plate Attachment	AR-8656-10	
Strike Plate Handle	AR-8656-11	
Mallet, 5 oz	PI-3016	







## Osteotomes





Small-diameter osteotomes are available in both straight and angled options. These are ideal for precise bone removal or fish scaling ahead of fusion procedures. The large, straight osteotome makes for quick work when removing large amounts of bone during joint preparation prior to ankle fusions or replacements.

Osteotomes	Item Number	
Osteotome, angled	AR-8656-20	
Osteotome, straight	AR-8656-21	
Osteotome, straight, large	AR-8656-22	

## Curettes

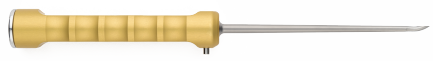
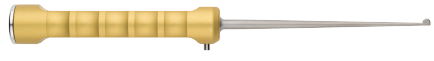
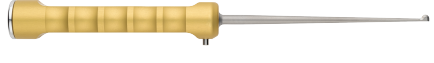
The set includes an array of ring and cup curettes with multiple different angles. The new double-ended curettes allow for surgeons to create a stable, circumferential cartilage margin ahead of BioCartilage® applications. The unique, small double-ended cup curette allows for precise, fine-tuning of cartilage defects of all shapes and sizes. The entire line of ring curettes is manufactured from a stronger and more durable stainless steel material, improving the life of the product and reducing the chance of failure.

Cup Curettes	Item Number	
Curette, straight, double-ended	AR-8656-30	
Curette, curved, double-ended	AR-8656-31	
Cup Curette, large, straight	AR-8656-32	
Cup Curette, large, angled	AR-8656-33	
Cup Curette, large, curved shaft	AR-8656-34	
Cup Curette, double-sided	AR-8656-35	

Ring Curettes	Item Number	
Ring Curette, large, straight	AR-8656-40	
Ring Curette, small, reverse angle	AR-8656-41	
Ring Curette, small, angled	AR-8656-42	
Ring Curette, small, straight	AR-8956-43	




## Elevators

Arthrex offers multiple elevators, each with different functions. The Cobb elevator is a great device for contouring BioCartilage® allografts after filling a chondral defect. The blunt OCD elevator is great for assessing the severity of a chondral defect. Finally the sharp OCD elevator is a versatile and nimble device for quick removal of cartilage that also works well to create stable margins within a chondral defect.

Elevators	Item Number	
Cobb Elevator	AR-8656-50	
OCD Elevator, blunt	AR-8656-51	
OCD Elevator, sharp	AR-8656-52	














## Other Instruments

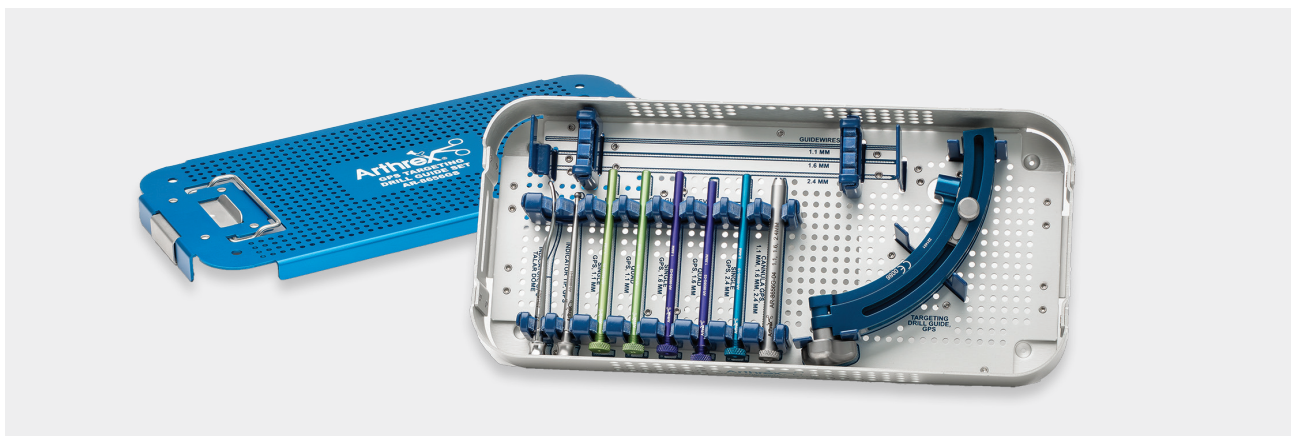
The bone graft cannula and tamp can be used to deliver large amounts of bone graft to a fusion site or for smaller BioCartilage procedures. The doubled-ended, calibrated probe has 2 mm incremental lines throughout the working length of the probe, which are helpful for determining the size of various defects.

Other Instruments	Item Number	
Tamp, bone graft	AR-8656-70	
Cannula, bone graft	AR-8656-71	
Probe, double-sided, 4 mm/5 mm	AR-8656-80	

## Hand Instruments

The newly designed 10 cm working length line of scissors, punches, and graspers allows surgeons access within all arthroscopic environments. The 2.75 mm slender shafts can be used within tight spaces and are extremely durable. New to the set, the 10 cm rongeurs, available in straight, up, and down configurations, offer surgeons an aggressive means to remove bone spurs or other bony defects with relative ease.

Hand Instruments	Item Number	
Punch, slender, straight, 2.75 mm × 100 mm	AR-31100	
Punch, large, straight, 2.75 mm × 100 mm	AR-31200	
Punch, standard, 45°, right, straight, 2.75 mm × 100 mm	AR-31460	
Punch, standard, 45°, left, straight, 2.75 mm × 100 mm	AR-31470	
Scissor, straight tip, straight, 2.75 mm × 100 mm	AR-31140	
Mini Suture Retriever, straight, 2.75 mm × 100 mm	AR-31540	
Grasper, alligator hook tip, straight, w/ SR handle, 2.75 mm × 100 mm	AR-31600SR	
Grasper, pointed straight tip, straight, w/ SR handle, 2.75 mm × 100 mm	AR-31700SR	
Grasper, pointed straight tip, 25° down curved shaft, w/ SR handle, 2.75 mm × 100 mm	AR-31740SR	
Micro FiberTape® Retriever, straight, w/ SR handle, 2.75 mm × 100 mm	AR-31974SR	
Rongeur 5 in, straight, 4 mm × 100 mm	AR-32200	
Rongeur 5 in, up, 4 mm × 100 mm	AR-32210	
Rongeur 5 in, down, 4 mm × 100 mm	AR-32220	



Available as an adjunct to the ankle arthroscopy set or as a stand-alone instrument set, the GPS Targeting Drill Guide Set offers the ability to precisely place K-wires for ankle arthrodesis using cannulated screws for retrograde drilling of osteochondral lesions, and a multitude of other applications where precise K-wire placement is desired.

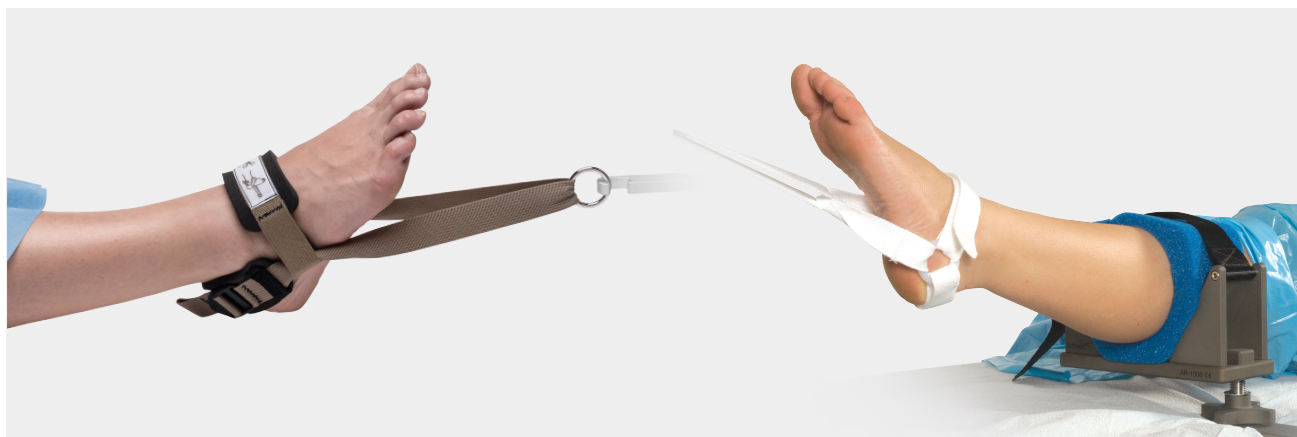
The sturdy, lightweight aluminum frame is capable of rotating and allows pinpoint placement of 1.1 mm, 1.6 mm, and 2.4 mm K-wires. A variety of patterns are available, from a single hole to 2-, 3-, and 4-hole patterns in the 1.1 mm and 1.6 mm sizes. Hard-to-reach areas in the talus are easily pinpointed using either the straight indicator pin or the curved talar dome indicator.

### GPS Targeting Drill Guide Set (AR-8656GS)

Product Description	Item Number
GPS Targeting Drill Guide	AR-8656G
Talar Dome Indicator	AR-8656G-09
Indicator Tip	AR-8656G-01
Guide Sleeve, single bore, 1.6 mm	AR-8656G-02
Guide Sleeve, quad bore, 1.6 mm	AR-8656G-03
GPS Cannula, 1.1 mm, 1.6 mm, 2.4 mm	AR-8656G-04
Guide Sleeve, single bore, 1.1 mm	AR-8656G-05
Guide Sleeve, quad bore, 1.1 mm	AR-8656G-06
Guide Sleeve, single bore, 2.4 mm	AR-8656G-10
GPS Targeting Drill Guide Case	AR-8656GC
Disposables (necessary for procedure, order separately)	
Guidewire w/ Trocar Tip, 0.043 in (1.1 mm)	AR-8655K-11
Guidewire w/ Trocar Tip, 0.062 in (1.6 mm)	AR-8655K-16
Guidewire w/ Trocar Tip, nonthreaded, 0.064 in (2.4 mm) × 8 in	AR-8967K



## Noninvasive Ankle Distractor

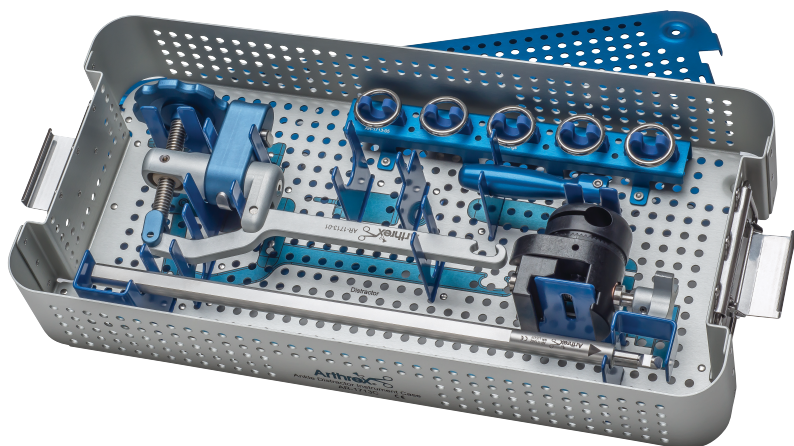


The Noninvasive Ankle Distractor Set is designed to provide ankle distraction in a simple and effective manner. Using the large tensioning wheel, the surgeon can easily increase or decrease the desired tension during diagnostic or surgical arthroscopy procedures. The quick, snap-on and -off Clark rail adapter makes attachment and rough tensioning of the device simple and hassle-free. A complete arthroscopy setup is achieved when used in conjunction with the small joint limb holder and ankle strap.

The ankle arthroscopy distraction strap is used in conjunction with the Noninvasive Ankle Distractor Set. It is made of strong nylon strapping material with soft, nonslip foam pads for patient comfort and a secure hold. This easy-to-use, one-size-fits-all device offers effective traction and grip, which gives the surgeon a distinct advantage over current distraction methods.

### Noninvasive Ankle Distractor Set (AR-1713S)

Product Description	Item Number
Distractor Head	AR-1713-01
Distractor Post	AR-1713-02
Bed Rail Clamp	AR-1713-03
Ankle Distractor Instrument Case	AR-1713C
<b>Optional</b>	
Tensiometer	AR-1713-04
Ankle Distraction Strap, nylon (to be used with AR-1713S)	AR-1712
Ankle Distraction Strap, cotton, waistband (for use without the Ankle Distractor)	AR-1710
Small Joint Limb Holder	AR-1506
Foam Insert for Small Joint Limb Holder, qty. 5	AR-1507



## NanoScope™ Operative Arthroscopy System



Introducing nano-scale, single-use, sterile-packed arthroscopy instrumentation. Harnessing 20 years of excellence in designing arthroscopic hand instrumentation, Arthrex has engineered the next generation of instruments for diagnostic, resection, and extraction procedures. Just 2 mm in diameter, the Nano instruments are designed for atraumatic insertion through tight joint spaces. These instruments are strong, sharp, and engineered to efficiently resect soft-tissue structures.

### Insertion Kit

Product Description	Item Number
Nano Arthroscopy Percutaneous Insertion Kit	AR-1090PK-1

### Small Joint Nano Arthroscopy Instrumentation, 70 mm Shaft Length, Single-Use Sterile Pack

Product Description	Item Number
NanoBiter Punch, straight	AR-10901D-1
NanoBiter Punch, 15° Up	AR-10902D-1
NanoGrasper, straight	AR-10903D-1
NanoScissor, straight	AR-10905D-1
Retractable NanoProbe	AR-10100N

### Tissue and Fluid Inflow/Outflow Cannulas

Product Description	Item Number
2.4 mm Resected Tissue Aspiration NanoCannula, 7 cm	AR-1090S-100-1
2.4 mm Resected Tissue Aspiration NanoCannula, 10 cm	AR-1090S-70-1

### NanoCannula and Obturators, 2.7 mm Diameter

Product Description	Item Number
NanoCannula and Obturator, cannulated, 1.5 cm length	AR-1090C-15-1
NanoCannula and Obturator, cannulated, 3 cm length	AR-1090C-30-1
NanoCannula and Obturator, cannulated, 4 cm length	AR-1090C-40-1
NanoCannula and Obturator, cannulated, 5 cm length	AR-1090C-50-1
NanoCannula and Obturator, cannulated, 7 cm length	AR-1090C-70-1

### Resection Devices

Product Description	Item Number
Torpedo Shaver Blade	AR-9350TD
Dissector, small hub	AR-9300DS
Dissector, small hub	AR-9350DS
Sabre, 2mm	AR-9200SR
Sabre, 3 mm	AR-9300SR
Sabre, 3.5 mm	AR-9350SR
Burr, oval, 3 mm	AR-9300BT
Burr, oval, 3.5 mm	AR-9350BT
Burr, round, 3.0 mm	AR-9300RB
Burr, round, 3.5 mm	AR-9350RB
PowerRasp™ Resector, small hub	AR-9350PR
PowerPick™ Drill, small hub, 0 degrees	AR-9100PP-00
PowerPick Drill, small hub, 45 degrees	AR-9100PP-45

### Resection Equipment

Product Description	Item Number
Synergy <sup>Resection</sup> ™ Console	AR-8305
Shaver Handpiece, Nano arthroscopy	AR-8330SJ
Low-Profile Footswitch	AR-8310
Wireless Multi-Function Footswitches	AR-8315W
Corded Multi-Function Footswitches	AR-8315C

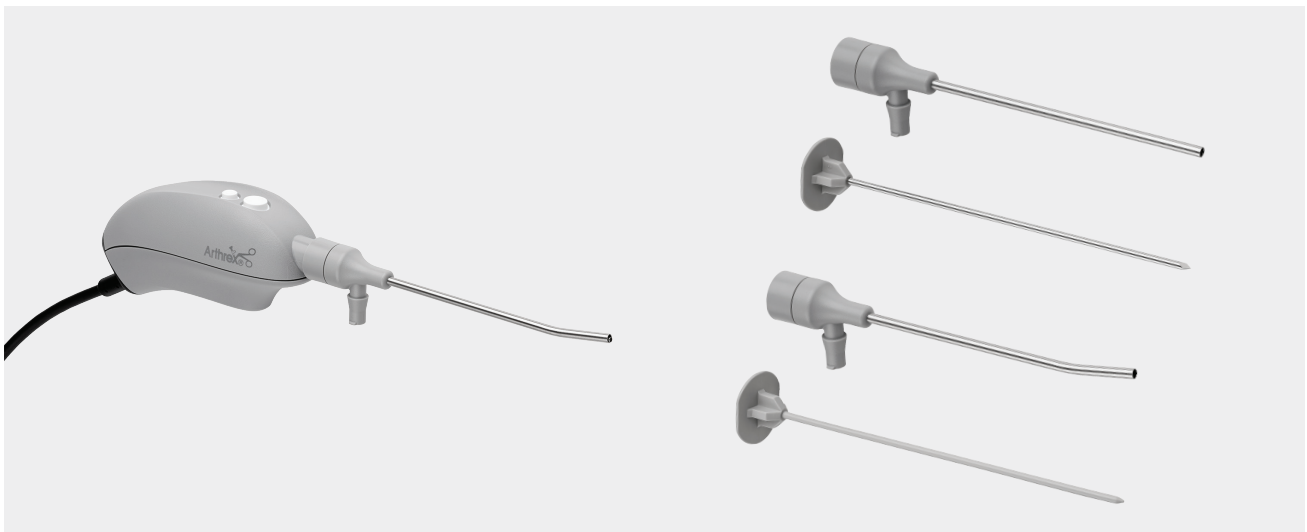
### Literature

Product Description	Item Number
NanoScope Nano Operative Arthroscopy System brochure	LB1-000011-en-US

### Multimedia

Product Description	Item Number
NanoScope™ Camera for Foot and Ankle Arthroscopy, video by John G. Kennedy	VID1-000720-en-US
NanoScope™, video by James McWilliam	VID1-000308-en-US
Using the NanoScope™ System in the Foot and Ankle, video by James McWilliam	VID1-000307-en-US

## NanoScope™ Operative Arthroscopy System



The NanoScope Sheath Kit comes sterile-packaged with straight sheath and pre-bent sheath options. The increased flow rate allows for improved visualization and increased joint distention for more advanced arthroscopic procedures in operative settings. The 10° angled sheath gives surgeons with the ability to rotate the 0° sensor for a more traditional viewing angle.

### NanoScope Console

Product Description	Item Number
NanoScope Console	AR-3200-0030

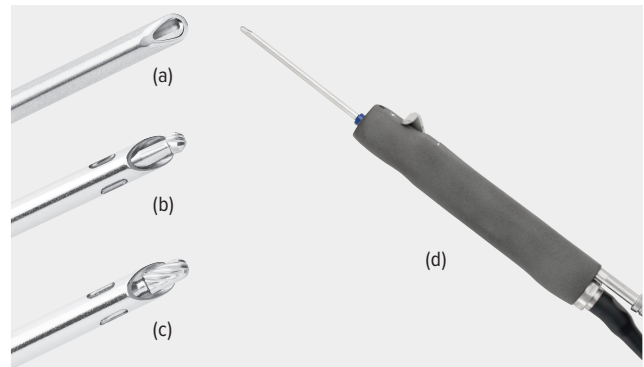
### NanoScope Handpiece Kit

Product Description	Item Number
NanoScope Handpiece Kit	AR-3210-0040

### Operative High-Flow Sheath Kit

Product Description	Item Number
Operative High-Flow Sheath Kit	AR-3210-0041

## Synergy<sup>Resection™</sup> Distal Extremity Shaver Blades and Burrs



Made with the same attention to detail as their larger counterparts, the disposable small joint shaver blades and burrs provide outstanding performance in bone and tissue resection applications. The disposable small joint shaver blades and burrs can be used in all Arthrex shaver handpieces and can be inserted with the cutting window in the up or down orientation.

### Small Hub Blades, Burrs, PowerPick™ Devices, and PowerRasp® Device

Product Description	Item Number
Sabre, SJ, small hub, 2 mm × 7 cm	AR-9200SR
Sabre, SJ, small hub, 3 mm × 7 cm	AR-9300SR
Sabre, SJ, small hub, 3.5 mm × 7 cm	AR-9350SR
Dissector, SJ, small hub, 3 mm × 7 cm (a)	AR-9300DS
Dissector, SJ, small hub, 3.5 mm × 7 cm	AR-9350DS
Torpedo, SJ, 3.5 mm × 7 cm	AR-9350TD
Burr, oval, 10 flute, SJ, small joint hub, 3 mm × 7 cm (c)	AR-9300OBT
Burr, oval, 10 flute, SJ, small joint hub, 3.5 mm × 7 cm	AR-9350OBT
Burr, round, 10 flute, SJ, small hub, 3 mm × 7 cm (b)	AR-9300RBT
Burr, round, 10 flute, SJ, small hub, 3.5 mm × 7 cm	AR-9350RBT
PowerPick Device, 0°, SJ, small hub, 4 mm drill depth	AR-9100PP-00
PowerPick Device, 45°, SJ, small hub, 4 mm drill depth	AR-9100PP-45
PowerRasp Device, SJ, small hub, 3.5 mm × 7 cm	AR-9350PR

### Small Hub Shaver Handpiece

Product Description	Item Number
Shaver Handpiece, small joint, small hub (d)	AR-8330SJ

### Small Hub Shaver Handpiece Accessories

Product Description	Item Number
Removable Valve Assembly, reusable (includes O-ring)	AR-8330SJV
O-Ring, removable valve, reusable, qty. 10/pkg	AR-8330SJO

### Large Hub Blades and Burrs

Product Description	Item Number
Sabre, SJ, 2 mm × 7 cm	AR-7200SR
Sabre, SJ, 3 mm × 7 cm	AR-7300SR
Dissector, SJ, 3 mm × 7 cm	AR-7300DS
Torpedo, SJ, 3.5 mm × 7 cm	AR-7350TD
Torpedo, SJ, 4 mm × 7 cm	AR-7400TD
Burr, oval, SJ, 10 flute, 3 mm × 7 cm	AR-7300OBT
Burr, oval, SJ, 10 flute, 4 mm × 7 cm	AR-7400OBT
Burr, round, SJ, 8 flute, 3 mm × 7 cm	AR-7300RBE

### Large Hub Shaver Handpiece

Product Description	Item Number
Shaver Handpiece, foot control	AR-8330F
Shaver Handpiece, hand control	AR-8330H
Shaver Handpiece, hand control, backhand	AR-8330RH

### Large Hub Shaver Handpiece Accessories

Product Description	Item Number
Removable Valve Assembly, reusable (includes O-ring)	AR-8330V
O-Ring, removable valve, reusable, qty. 10/pkg	AR-8330SJO

### Literature

Product Description	Item Number
CoolCut™ Specialty Series Distal Extremity Shavers Blades and Burrs brochure	LR1-00001-EN

## 4K Ultra HD Camera System



The Synergy 4K video platform is a 3-in-1 console with LED light, 4K camera, and embedded image management. The 4K camera has 4 times as many pixels as the 1080p HD video, making the picture quality second to none in the industry. Even with smaller scopes, the ability to zoom in and maintain incredible detail has become the new standard. The software-based system can be upgraded throughout the life of the product to help reduce the cost of obsolescence. The autoclavable camera heads come with a 7-year warranty against water intrusion and the LED light engine is also covered by a 7-year warranty. The system pairs with numerous scopes and matching sheaths to fill any need for ankle arthroscopy. The industry-standard ankle scopes are the 4 mm and 2.7 mm short scopes.

### Arthroscopes

Product Description	Item Number
4K Arthroscope, 30°, 4 mm × 152.5 mm	AR-3350-4031
HD Arthroscope, 30°, 3 mm × 138 mm	AR-3350-3030
Arthroscope, 30°, 2.7 mm × 72 mm	AR-3350-2730

### Sheaths

Product Description	Item Number
Sheath, high-flow, tap/fen, 2 stopcocks for 4 mm scope	AR-3373-4002
Inflow/Outflow Sheath Set for 4 mm Synergy Scope, part A & B	AR-3370-4003
Sheath, high-flow, tap/fen, 2 stopcocks for 3 mm scope	AR-3373-0302
Inflow/Outflow Sheath Set for 3 mm Synergy Scope, part A & B	AR-3370-3003
Sheath, 2 stopcocks for 2.7 mm scope	AR-3372-2702

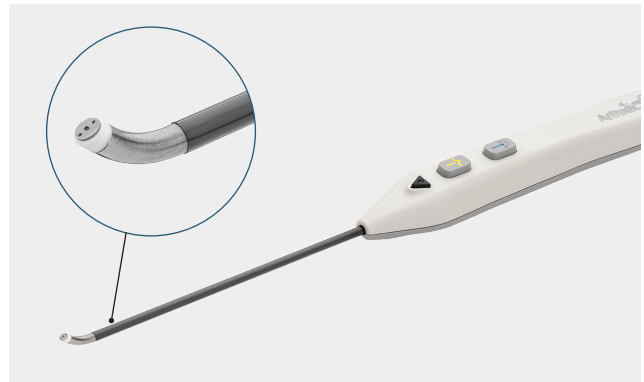
## Synergy<sup>RF</sup>™ Bipolar Ablation System and Apollo<sup>RF</sup>® SJ50 Probe



This minimally invasive system is used to effectively ablate and coagulate tissue in arthroscopic procedures.

The Apollo<sup>RF</sup> SJ50 probe is the first RF probe with optimized aspiration for small-joint arthroscopy. It features 360° edge control for precise debridement and an anatomic 50-degree tip configured to reach and ablate tissue precisely. Reduced probe dimensions allow for ease of access in small joints.

The SJ50 also has a low default ablation setting for reduced energy delivery.



### Synergy<sup>RF</sup> Bipolar Ablation System

Product Description	Item Number
Synergy <sup>RF</sup> Console	AR-9800

### Accessory

Product Description	Item Number
Synergy <sup>RF</sup> Footswitch	AR-9800-F

### Apollo<sup>RF</sup> Small Joint Probe

Product Description	Item Number
Apollo <sup>RF</sup> SJ50 Probe	AR-9845

## CoolCut™ Radiofrequency Ablation



CoolCut radiofrequency devices feature an innovative ergonomic handle with finger-touch controls.

The pioneering design of the CoolCut electrode tips makes it possible to operate the CoolCut series at extremely low power settings, thereby increasing patient safety without sacrificing performance. The reduction of the power requirements also allows for the absence of a ceramic ring surrounding the electrode face, reducing the size of the tip, which aids in reaching target tissue in anatomically tight spaces.

### Small Joint CoolCut Ablation Wands

Product Description	Item Number
CoolCut SJ Ball	AR-9808SJ
CoolCut SJ Ball 45°	AR-9809SJ-45
CoolCut SJ 45°	AR-9808SJ-45
CoolCut SJ 90°	AR-9809SJ-90

### Accessories

Product Description	Item Number
Arthrex Pencil Kit	AR-9610
Disposable Split Adult Return Electrode With Cable	AR-9610SGP

### Literature

Product Description	Item Number
Arthrex CoolCut Radio Frequency Ablation Brochure	LB1-0670-EN



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

**[www.arthrex.com](http://www.arthrex.com)**

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