

CoolCut™ Blade Series

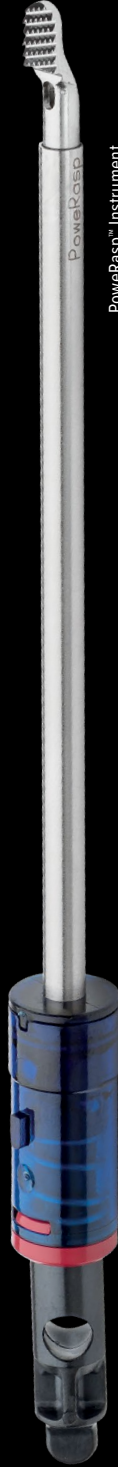
Shaver Blades and Burrs



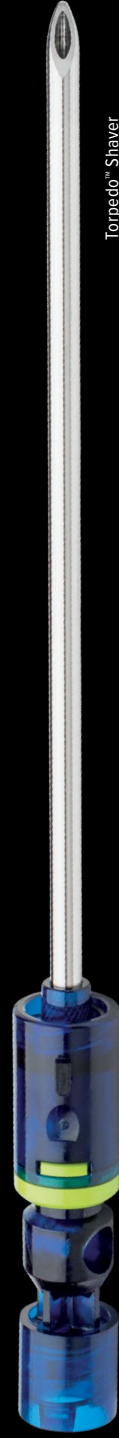
Arthrex® 



PowerPick™ Microfracture Instrument

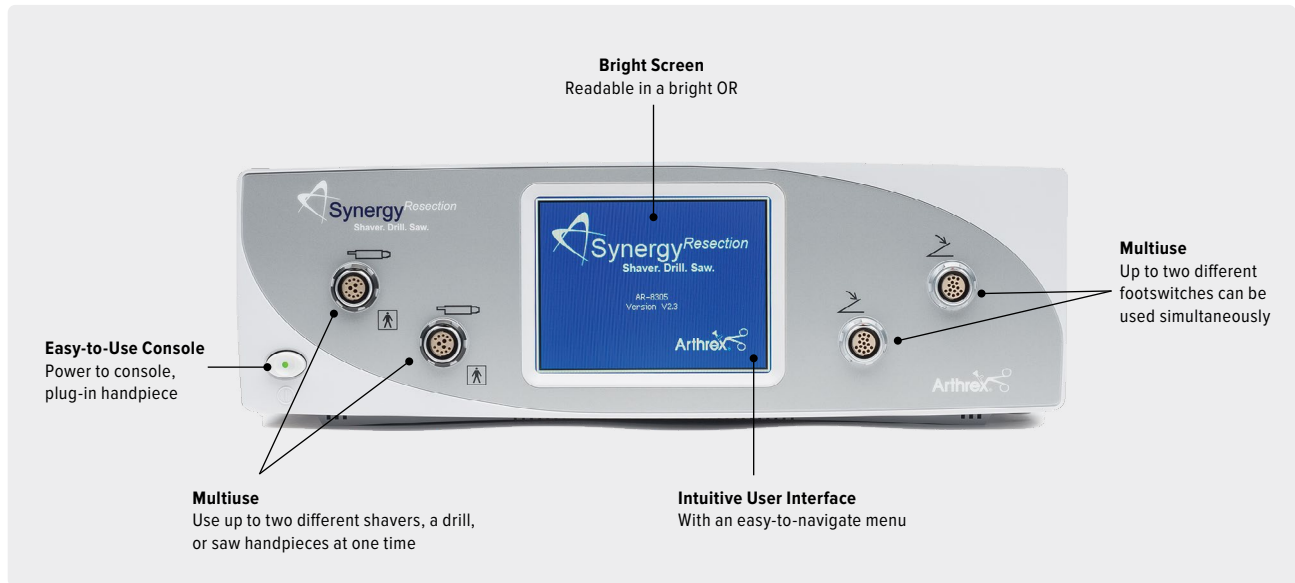


PowerRasp™ Instrument



Torpedo™ Shaver

Synergy^{Resection}™ Console



This versatile Synergy^{Resection} system was designed for multiple arthroscopic procedures and operates like two consoles in one chassis. It can simultaneously operate two accessory handpieces completely independent of each other. Operators can also use one or two foot pedals to control each of the accessory handpieces. Shaver handpieces offer three oscillating modes depending on the application or surgeon's preference: standard, efficient, or aggressive.

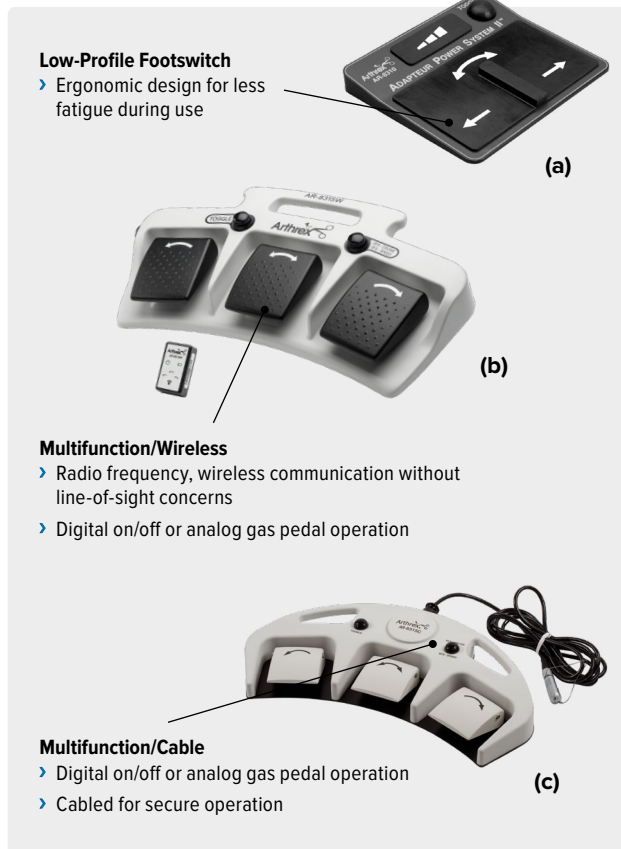
Integration of the Synergy^{Resection} console with a Synergy video management system enables the heads-up display feature and allows for easy visibility of the shaver system settings on the monitor.

When the Synergy^{Resection} console is integrated with the DualWave™ or Continuous Wave™ 4 arthroscopy pump, the pump detects when the shaver handpiece is active and automatically compensates for the loss of distention by increasing the pressure while the shaver is active.

Synergy^{Resection} console

AR-8305

Footswitches



Low-Profile Footswitch

The low-profile footswitch is designed to minimize user fatigue while maintaining control of all functions. Control direction and speed by pressing the appropriate pad.

Press the toggle dome switch to change control between the console's dual channels if two handpieces are plugged in. If one handpiece is plugged in, the toggle dome switch will toggle between the three oscillation modes.

Wireless and Corded Multifunction Footswitches

The wireless and corded multifunction footswitches feature user-selectable functionality of either standard footswitch or gas pedal modes. All speed, direction, cruise, and toggle controls are accessible on either of these user-friendly accessories and the active mode is displayed on the console.

Low-profile footswitch (a)	AR-600-011S
Synergy ^{Resection™} wireless footswitch (b)	AR-8315W
Corded multifunction footswitch (c)	AR-8315C

Handpieces



- Hand Control**
- › Multifunction buttons
 - › Change speed
 - › Change direction
 - › Turn on/off

(a)



- Hand Control (Backhand)**
- › Multifunction buttons
 - › Change speed
 - › Change direction
 - › Turn on/off
 - › Suction opposite from button controls

(b)



- Foot Control**
- › Lightweight
 - › Control via footswitch

(c)



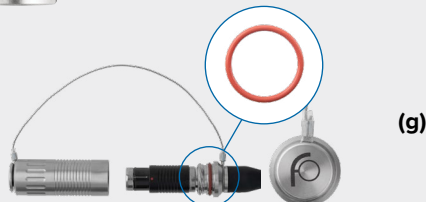
- NanoResection™ Small-Hub Shaver Handpiece**
- › Maximum control and dexterity
 - › Compact and lightweight
 - › Control via footswitch
 - › Accepts NanoResection™ and small-hub shaver blades and burrs

(d)



(e)

(f)



(g)



(h)

Arthrex’s unique double-sealed shaver handpieces are robust and reliable with a light ergonomic feel and come with or without hand-control options. These high-speed, high-torque handpieces feature a snap-lock collet that accepts standard, hip-length, and large-hub small joint blades and burrs, making it one of the most versatile handpieces available. With high-performance motors and constructed of cutting-edge materials, Synergy^{Resection™} shaver handpieces are a great addition to the OR.

Hand-Control Shaver Handpieces

Featuring ergonomic multifunction buttons that place control of speed and direction at your fingertips, the hand-control shaver handpieces are available in standard and backhand models.

Foot-Control Shaver Handpiece









With the same lightweight, high-performance features as our hand-operated handpieces, the footswitch shaver handpiece provides another option for control.

Nano Handpiece (small hub)

This lightweight and ergonomic handpiece accepts small hub attachments and provides highly precise controlled resection.


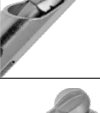

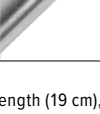
Shaver handpiece, hand control (a)	AR-8332H
Shaver handpiece, hand control, backhand (b)	AR-8332RH
Shaver handpiece, footswitch control (c)	AR-8330F
NanoResection™ small hub shaver handpiece (d)	AR-8330SJ
Replacement valve assembly for AR-8330F, AR-8330H, AR-8330RH, AR-8332H, and AR-8332RH handpieces (e)	AR-8330V
Replacement O-rings for AR-8330V valve assembly (pack of 10) (f)	AR-8330VO
Replacement O-rings for F-style soaker cap (pack of 5) (g)	AR-8330FO
Replacement O-rings for T-style soaker cap (pack of 5) (h)	AR-8330TO
Replacement valve assembly for AR-8330SJ	AR-8330SJV
Replacement O-rings for AR-8330SJV valve assembly (pack of 10)	AR-8330SJO

Large Hub Options: Fit Large Shaver Handpieces

	2 (Ø mm)	3 (Ø mm)	3.5 (Ø mm)	3.8 (Ø mm)	4 (Ø mm)	4.2 (Ø mm)	5 (Ø mm)	5.5 (Ø mm)	Most aggressive
 <p>Excalibur Sharp-toothed blade makes this the most aggressive shaver for extensive soft-tissue debridement</p>				AR-8380EX	AR-8400EX	AR-6420EX ¹	AR-8500EX	AR-8550EX	Most aggressive
						AR-8400CEX (curved)	AR-6420CEX ²		
 <p>Torpedo™ Blade Tapered tip and scissor-like cutting action make for easy access into joint space and rapid soft-tissue resection; outer oval window to limit tissue size and help reduce clogging</p>			AR-7350TD ³		AR-7400TD ³	AR-6420TD ¹	AR-8500TD		
						AR-8400TD	AR-6420CTD ²		
						AR-8400CTD (curved)			
 <p>SabreTooth Wide-toothed blade for bulk soft-tissue debridement</p>			AR-8350ST	AR-8380ST	AR-8400ST	AR-6420CST ²	AR-8500ST	AR-8550ST	
						AR-8400CST (curved)			
 <p>Bone Cutter Dual-purpose blade designed for fast and aggressive tissue debridement when in oscillation mode and for bone removal when run in the forward or reverse direction</p>				AR-8380BC	AR-8400BC	AR-6420BC ¹	AR-8500BC	AR-8550BC	
						AR-8400CBC (curved)	AR-6420CBC ²		
 <p>Dissector Sharp inner-toothed blade with a teardrop outer window for less iatrogenic chondroplasties and soft-tissue removal</p>		AR-7300DS ³	AR-8350DS	AR-8380DS	AR-8400DS	AR-6420DS ¹	AR-8500DS	AR-8550DS	
				AR-8350CDS (curved)		AR-8400CDS (curved)	AR-6420CDS ²		
 <p>Double Cut Dual inner-cutting windows provide efficient soft-tissue resection; elongated outer window minimizes tissue size entering the blade to reduce clogging</p>				AR-8380DC	AR-8400DC			AR-8550DC	
						AR-8400CDC (curved)			
 <p>Sabre Smooth teardrop outer window for general soft-tissue resection that leaves smooth anatomic edges</p>	AR-7200SR ³	AR-7300SR ³		AR-8380SR	AR-8400SR		AR-8500SR	AR-8550SR	
						AR-8400CSR (curved)			
 <p>Slotted Whisker Double-slotted outer window enables precise tissue resection</p>				AR-8380SW					



Color bars reflect family color shown on the adapter

1. Hip length (19 cm), straight
2. Hip length (19 cm), curved
3. Small joint length (7 cm), large hub

		3 (Ø mm)	4 (Ø mm)	5 (Ø mm)	5.5 (Ø mm)	
Color bars reflect family color shown on the adapter	Diamond		Hip DiamondCut™ Burrs Designed for precise control during resection of femoroacetabular impingement (FAI) associated with pincer and cam deformities, the diamond-coated burr head enables smooth bone resection that helps control and polish	AR-6400RBD	AR-6500RBD	
	2-flute		BLURR® Attachment A hybrid burr and blade for aggressive resection of bone and soft tissue		AR-8500BL	
	6-flute 8-flute 12-flute		ClearCut™ Oval Burrs Oval burr with clear hood to aid in providing maximum visibility and protecting surrounding anatomy		AR-8500COE	AR-8550COE
					AR-8500COT	AR-8550COT
	8-flute		ClearCut Round Burrs Round burr with clear hood to aid in providing maximum visibility and protecting surrounding anatomy	AR-8400CRE	AR-8500CRE	AR-8550CRE
	6-flute		ClearCut TR Burrs Angled, clear hood to retract and protect sensitive tissue while burring	AR-8400CTS		
	6-flute		ClearCut SLAP Burrs Clear hood fully encases the burr head for increased protection of surrounding tissue in SLAP lesion repairs of the labrum	AR-8400CSS		
	6-flute 8-flute 12-flute		FlushCut™ Oval Burrs Burr head is flush with the outer tube to create an even cutting surface, which helps to prevent troughs and scalloping in bone		AR-8500FOS	AR-8550FOS
					AR-8500FOE	AR-8550FOE
					AR-8500FOT	AR-8550FOT
8-flute 10-flute 12-flute		Oval Burrs Designed for rapid, aggressive bone resection in notchplasty, distal clavicle, and subacromial decompression procedures	AR-7300OBT ³	AR-8400OBE	AR-8500OBE	AR-8550OBT
8-flute		Round Burrs A precise and aggressive burr designed for notchplasties, glenoid and acetabulum preparation, and osteophyte removal	AR-7300RBE ³	AR-8400RBE	AR-8500RBE	AR-8550RBE
				AR-6400RBE ¹	AR-6500RBE ¹	
					AR-6500VBE ²	
12-flute		Tapered Burrs Excellent burr for distal clavicle resection and for shaping bone and cartilage during notchplasty and acromioplasty procedures			AR-8500TBT	
		Hoodless Sheath, O/T Burrs Accessory outer tube to fully expose the burr head for access to tight spaces and where maximum visibility is desired		AR-8400HSO oval/burr	AR-8500HSO oval/tapered burr	AR-8550HSO oval/burr



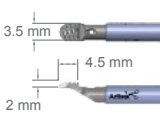
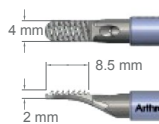
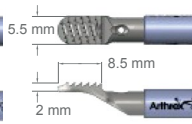
1. Hip length (19 cm), straight
2. Hip length (19 cm), curved
3. Small joint length (7 cm), large hub

Retractable Hood Burrs: Fit Large Shaver Handpieces








		4 (Ø mm)	5 (Ø mm)	5.5 (Ø mm)
Color bars reflect family color shown on the adapter	8-flute			
		<p>Retractable FlushCut™ Oval Burrs</p> <p>Allow the shaft to be used as a cutting depth guide during procedures when a flat surface is desired, such as in an acromioplasty. By using the shaft as a depth stop and keeping the position parallel to the surface during use, the ideal acromioplasty can be completed quickly.</p>	AR-8500RFOE	AR-8550RFOE
	8-flute			
		<p>Retractable Hip-Length Round Burrs</p> <p>Acetabular preparations can be made with the hood in place to protect the labrum and surrounding tissues when performing a hip labral repair procedure. When necessary, the hood can be retracted to allow full burr head exposure to address other hip pathologies, such as a cam lesion.</p>	AR-6400RRBE ¹	AR-6500RRBE ¹ AR-6550RRBE ¹

1. Hip length (18 cm); this part is 1 cm shorter than the other hip lengths



PowerPick™ and PowerRasp™ Attachments: Fit Large Shaver Handpieces

		4 (Drill depth, mm)	6 (Drill depth, mm)	
Color bars reflect family color shown on the adapter	 <p>PowerPick Attachment Initially designed to make quick work of microfracture procedures by using the shaver handpiece to power the Ø1.5-mm drill tip, the 30° and 45° angled shafts facilitate use in a variety of other applications, including ACL femoral tunnel location and crimson duvet techniques in the shoulder.</p>	AR-8150PP-30 (30°)	AR-8150PX-45 (45°)	
		AR-8150PP-45 (45°)		
Color bars reflect family color shown on the adapter	 <p>PowerRasp Attachment Use for acromioplasties, distal clavicle resections, notchplasties, osteophyte resection, and other bony work and preparing the greater tuberosity.</p>	3.5 (Width, mm) AR-8350PR 	4 (Width, mm) AR-8400PR 	5.5 (Width, mm) AR-8550PR 

Small Hub Options (7 cm Length): Fit Small Shaver Handpiece

		1 (Ø mm)	2 (Ø mm)	3 (Ø mm)	3.5 (Ø mm)	
Color bars reflect family color shown on the adapter		PowerRasp™ Resector, Small Hub Ideally suited for soft tissue, osteochondral and osteophyte resection, or bony site preparation			AR-9350PR	
		PowerPick™ Drill, Small Hub Excellent for microdrilling subchondral bone defects	AR-9100PP-00 (0°)			
			AR-9100PP-45 (45°)			
		Torpedo™ Shaver Blade Tapered tip and scissor-like cutting action facilitate rapid, aggressive soft-tissue resection			AR-9350TD	
		Dissector, Small Hub Sharp, teardrop outer window; toothed inner cutting window aggressively attacks tissue, grabbing it and drawing it into the cutting area			AR-9300DS	AR-9350DS
		Sabre, Small Hub Sharp, teardrop outer window; smooth inner cutting window leaves crisp, clean edges for a more anatomic appearance following resection		AR-9200SR	AR-9300SR	AR-9350SR
		Oval Burr, Small Hub Designed for rapid, precise bone resection for small joint applications			AR-9300OBT	AR-9350OBT
	Round Burr, Small Hub Ideally suited for soft tissue, osteochondral and osteophyte resection, or bony site preparation			AR-9300RBT	AR-9350RBT	

NanoResection™ Instruments (11 cm Length): Fit Small Hub Shaver Handpiece

		2.8 (Ø mm)
	<p>Nano Sabre Shaver Unique 2.8 mm × 11 cm size provides length to reach all necessary pathology while allowing for “sutureless incisions” and improved navigation around tight joint spaces; sharp, tear-drop shaped outer window; smooth inner cutting window leaves crisp, clean edges for a more anatomic appearance</p>	AR-9280NSR
	<p>Nano Oval Burr Nano-sized oval burr designed for precise bone removal while supporting “sutureless incisions”; 10 extra sharp flutes for improved efficiency; distal cutting capabilities for tight joint spaces</p>	AR-9280NOT

10-flute

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.



Arthrex manufacturer, authorized representative, and importer information (Arthrex eIFUs)



US patent information