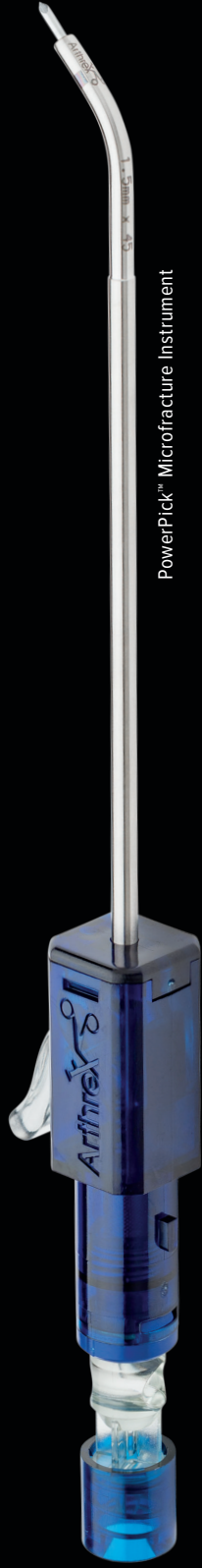


# CoolCut™ Blade Series

Shaver Blades and Burrs





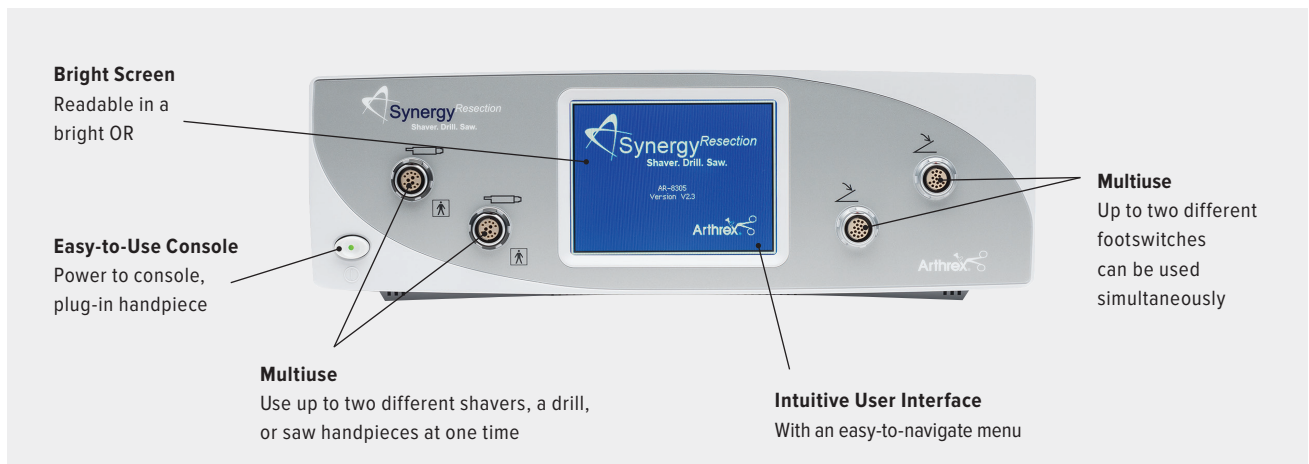
PowerPick™ Microfracture Instrument



PowerRasp™ Instrument



Torpedo™ Shaver



This versatile Synergy<sup>Resection</sup> system was designed for multiple orthopedic 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<sup>Resection</sup> 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<sup>Resection</sup> 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.

Product Description	Item Number
Synergy <sup>Resection</sup> console	AR-8305

## Footswitches



### Low-Profile Footswitch

The low-profile footswitch minimizes 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 Coded Multifunction Footswitches

The wireless and cabled 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.

Product Description	Item Number
Low-profile footswitch (a)	AR-8310
Synergy <sup>Resection™</sup> wireless footswitch (b)	AR-8315W
Corded multifunction footswitch (c)	AR-8315C



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<sup>Resection™</sup> 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.

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

## Large Hub Options: Fit Large Shaver Handpieces

	Description	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)		
Color bars reflect family color shown on the adapter	 <b>Excalibur</b> Sharp-toothed blade makes this the most aggressive shaver for extensive soft-tissue debridement				AR-8380EX	AR-8400EX AR-8400CEX (curved)	AR-6420EX <sup>1</sup> AR-6420CEX <sup>2</sup>	AR-8500EX	AR-8550EX	Most aggressive	
	 <b>Torpedo™ Blade</b> 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			AR-7350TD <sup>3</sup>		AR-7400TD <sup>3</sup> AR-8400TD AR-8400CTD (curved)	AR-6420TD <sup>1</sup> AR-6420CTD <sup>2</sup>	AR-8500TD			
	 <b>SabreTooth</b> Wide-toothed blade for bulk soft-tissue debridement			AR-8350ST	AR-8380ST	AR-8400ST AR-8400CST (curved)	AR-6420CST <sup>2</sup>	AR-8500ST	AR-8550ST		
	 <b>Bone Cutter</b> 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					AR-8380BC	AR-8400BC AR-8400CBC (curved)	AR-6420BC <sup>1</sup> AR-6420CBC <sup>2</sup>	AR-8500BC		AR-8550BC
	 <b>Dissector</b> Sharp inner-toothed blade with a teardrop outer window for less iatrogenic chondroplasties and soft-tissue removal		AR-7300DS <sup>3</sup>	AR-8350DS AR-8350CDS (curved)	AR-8380DS	AR-8400DS AR-8400CDS (curved)	AR-6420DS <sup>1</sup> AR-6420CDS <sup>2</sup>	AR-8500DS	AR-8550DS		
	 <b>Double Cut</b> Dual inner-cutting windows provide efficient soft-tissue resection; elongated outer window minimizes tissue size entering the blade thus reduces clogging					AR-8380DC	AR-8400DC AR-8400CDC (curved)		AR-8550DC		
	 <b>Sabre</b> Smooth teardrop outer window for general soft-tissue resection that leaves smooth anatomic edges	AR-7200SR <sup>3</sup>	AR-7300SR <sup>3</sup>			AR-8380SR	AR-8400SR AR-8400CSR (curved)		AR-8500SR		AR-8550SR
	 <b>Slotted Whisker</b> Double-slotted outer window enables precise tissue resection					AR-8380SW					Least aggressive

- Hip length (19 cm), straight
- Hip length (19 cm), curved
- Small joint length (7 cm), large hub

## Large Hub Options: Fit Large Shaver Handpieces (Cont.)



Color bars reflect family color shown on the adapter

	Description	3 (Ø mm)	4 (Ø mm)	5 (Ø mm)	5.5 (Ø mm)
2-flute	 <p><b>BLURR® Attachment</b> A hybrid burr and blade for aggressive resection of bone and soft tissue</p>			AR-8500BL	
6-flute 8-flute 12-flute	 <p><b>ClearCut™ Oval Burrs</b> Oval burr with clear hood to aid in providing maximum visibility and protecting surrounding anatomy</p>			AR-8500COE AR-8500COT	AR-8550COS AR-8550COE AR-8550COT
8-flute	 <p><b>ClearCut Round Burrs</b> Round burr with clear hood to aid in providing maximum visibility and protecting surrounding anatomy</p>		AR-8400CRE	AR-8500CRE	AR-8550CRE
6-flute	 <p><b>ClearCut TR Burrs</b> Angled, clear hood to retract and protect sensitive tissue while burring</p>		AR-8400CTS		
6-flute	 <p><b>ClearCut SLAP Burrs</b> Clear hood fully encases the burr head for increased protection of surrounding tissue in SLAP lesion repairs of the labrum</p>		AR-8400CSS		
6-flute 8-flute 12-flute	 <p><b>FlushCut™ Oval Burrs</b> Burr head is flush to the outer tube to create an even cutting surface, which helps to prevent troughs and scalloping in bone</p>			AR-8500FOS AR-8500FOE AR-8500FOT	AR-8550FOS AR-8550FOE AR-8550FOT
8-flute 10-flute 12-flute	 <p><b>Oval Burrs</b> Designed for rapid, aggressive bone resection in notchplasty, distal clavicle, and subacromial decompression procedures</p>	AR-73000BT <sup>3</sup>	AR-84000BE	AR-85000BE	AR-85500BT
8-flute	 <p><b>Round Burrs</b> A precise and aggressive burr designed for notchplasties, glenoid and acetabulum preparation, and osteophyte removal</p>	AR-7300RBE <sup>3</sup>	AR-8400RBE AR-6400RBE <sup>1</sup>	AR-8500RBE AR-6500RBE <sup>1</sup> AR-6500VBE <sup>2</sup>	AR-8550RBE
12-flute	 <p><b>Tapered Burrs</b> Excellent burr for distal clavicle resection and for shaping bone and cartilage during notchplasty and acromioplasty procedures</p>			AR-8500TBT	
	 <p><b>Hoodless Sheath, O/T Burrs</b> Accessory outer tube to fully expose the burr head for access to tight spaces and where maximum visibility is desired</p>		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

Color bars reflect family color shown on the adapter



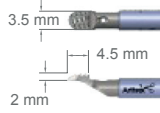
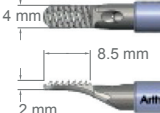
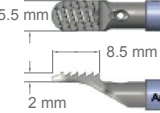
	Description	4 (Ø mm)	5 (Ø mm)	5.5 (Ø mm)
8-flute 	<p><b>Retractable FlushCut™ Oval Burrs</b></p> <p>Allow the shaft to be used as a cutting depth guide during procedures when a flat surface is desired, such as in an acromioplasty. By using the shaft as a depth stop and keeping the position parallel to the surface during use, the ideal acromioplasty can be completed quickly.</p>		<b>AR-8500RFOE</b>	<b>AR-8550RFOE</b>
8-flute 	<p><b>Retractable Hip-Length Round Burrs</b></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>	<b>AR-6400RRBE<sup>1</sup></b>	<b>AR-6500RRBE<sup>1</sup></b>	<b>AR-6550RRBE<sup>1</sup></b>

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










## PowerPick™ and PowerRasp™ Attachments: Fit Large Shaver Handpieces

Color bars reflect family color shown on the adapter



	Description	4 (Drill depth, mm)	6 (Drill depth, mm)	
	<p><b>PowerPick Attachment</b> 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>	<p><b>AR-8150PP-30</b> (30°)</p> <p><b>AR-8150PP-45</b> (45°)</p>	<p><b>AR-8150PX-45</b> (45°)</p>	
	Description	3.5 (Width, mm)	4 (Width, mm)	5.5 (Width, mm)
	<p><b>PowerRasp Attachment</b> Use for acromioplasties, distal clavicle resections, notchplasties, osteophyte resection, and other bony work and preparing the greater tuberosity.</p>	<p><b>AR-8350PR</b></p> 	<p><b>AR-8400PR</b></p> 	<p><b>AR-8550PR</b></p> 

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

Color bars reflect family color shown on the adapter

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

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

	Description	2.8 (Ø mm)
	<p><b>Nano Sabre Shaver</b>                      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><b>Nano Oval Burr</b>                      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



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 and/or outcomes.

View U.S. patent information at [www.arthrex.com/corporate/virtual-patent-marking](http://www.arthrex.com/corporate/virtual-patent-marking)

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