

The Arthrex

# Adapteur™ Power System II



# The Adapteur Power System II

## Not Just Another Shaver System

### What makes the APS II unique?.....

The option of traditional single use blades and burrs or an evolutionary limited reusable system that provides convenient access to a full range of blades and burrs within the sterile field.

The multi-function power console allows simultaneous operation of two handpieces. The utilization of dual, active shaver handpieces expedites the use of a blade and burr without time-consuming blade changes. The drill and sagittal saw handpieces can be used for ACL graft preparation while the shaver is used intraarticularly reducing costly operating room time.

Versatility

### What makes the APS II even better?.....

High performance motors and cutting edge materials in the handpieces reduce downtime and expensive repairs. The multi-function console uses digital technology to maximize efficiency and enhance performance. Limited reusable (LR) blades and burrs are engineered and manufactured of the finest materials, to maintain cutting performance over multiple procedures.

The APS II represents over 20 years experience and innovation in arthroscopic surgery from the company dedicated to uncompromising quality and dependability.

Dependability

### What makes the APS II the best? .....

LR Shaver Blades and Burrs are reusable for multiple procedures without loss of cutting efficiency, dramatically reducing per procedure cost of disposables. The customizable rack provides immediate access to multiple size configurations of blades and burrs, allowing the surgeon to choose the most efficient blade/burr without adding significant cost to the procedure, as with single use blades.

The APS II responds to the performance and cost containment needs of today's surgical environment. Schedule a demonstration with your local representative who can also provide you with a comprehensive cost analysis using the LR blades and burrs.

Dramatic Cost Reduction

# Adapteur Power System II Console



*APS II Control Console  
AR-8300*

## APS II Control Console

This unique, versatile system is designed for multiple orthopaedic procedures. The APS II Control Console features two fully functional channels that allow simultaneous handpiece operation. Both channels can be operated with a single footswitch or individually, when a second footswitch is attached to the console. Additionally, either channel may be operated manually using the controls on the console face.

When simultaneously using both channels of the APS II console, each handpiece may be operated at the user's preferred mode and speed. Use of the gas pedal footswitch will override these settings, providing even greater flexibility in speed control.

### APS II Handpiece Speeds:

<b>Optional Handpiece Attachment</b>	<b>Speed</b>
Shaver Handpiece:	Forward/Reverse: Up to 8,000 rpm Oscillate: Up to 3,000 rpm
Drill Handpiece:	Forward/Reverse: Up to 1,400 rpm
Sagittal Saw Handpiece:	Forward/Reverse: 18,000 cpm

### APS II Console Specifications

Dimensions:	14.5" W x 5.2" H x 12.8" D (36.8 cm x 13.2 cm x 32.5 cm)
Power Requirements:	110 - 240 VAC, 6.3 A, 50/60 Hz, T 6.3 Amp
Power Consumption:	10 A / 250 V
Weight:	16.6 lbs (7.2 kg)

# Adapteur Power System II Handpieces



*Shaver Handpiece  
AR-8325F*



*Shaver Handpiece,  
Hand Control – AR-8325H*



*Drill Handpiece – AR-8340F*



*Sagittal Saw Handpiece – AR-8350F*



*Replacement Cable – AR-8320C*

## APS II Shaver Handpiece

The APS II Shaver Handpiece delivers the same speed and power as its larger predecessor. The quick snap-lock collet accepts standard as well as small joint blades and burrs, making it one of the most versatile handpieces available.

## APS II Shaver Handpiece, Hand Control

Based on the design of its predecessor, the hand control Shaver Handpiece offers the same power, performance and versatility but adds increased tactile feel by placing control at your fingertips. The two ergonomically placed multi-function buttons control speed and directional modes and the dual position, snap-lock collet accepts large and small joint blades and burrs.

## APS II Drill and Saw Handpiece Attachments

The drill and saw can be operated independently or simultaneously with another handpiece to maximize surgical efficiency.

With one of the highest torque ratings in its class, the drill operates in a speed range of 100 rpm to 1,400 rpm facilitating placement of the smallest guide pins as well as larger reamers.

The high speed sagittal saw is capable of cutting through dense bone efficiently. Arthrex offers a variety of saw blades for different surgical applications. Standard Hall Style blades may also be used.

The Drill and Sagittal Saw Handpieces can be attached to the APS II console for multiple surgical applications. These handpieces can be easily exchanged from one to the other quickly, within the sterile field, using the replaceable cable.

# Adapteur Power System II Footswitches

## Footswitch Options:

### Low Profile Footswitch

The low profile footswitch design minimizes fatigue while maintaining control of all APS II functions. Directional control and speed increase functions are controlled by pressing the appropriate pad. By pressing the toggle dome-switch, control is changed between the console's dual channels.



Low Profile Footswitch  
AR-8310

### Gas Pedal Footswitch

The "gas pedal" footswitch changes shaver blade or burr speeds simply by changing the amount of pressure applied to the pedal. The footswitch option includes a cruise control to lock handpiece speed without the need to continually depress a pedal. By pressing the toggle dome-switch, control is changed between the console's dual channels.



Gas Pedal Footswitch  
AR-8310GP

### Dual Mode Footswitches

The Dual Mode Footswitches feature a user-selectable function mode of either the Low Profile Footswitch or the Gas Pedal Footswitch. All speed, direction, cruise and toggle controls are accessible on either of these user-friendly accessories and the active mode is displayed on the APS II control console.

### Wireless Footswitch

The infra-red Wireless Footswitch model comes with a receiver (not pictured) that can be positioned close to the APS II control console which receives the infra-red signal from the footswitch from virtually any direction. The low profile or gas pedal function modes are selected with a toggle switch located on the receiver.



Cordless Footswitch  
AR-8315

### Corded Footswitch

The Corded Footswitch option doesn't require the use of a receiver to transmit a signal to the APS II Control Console. The low profile or gas pedal function modes are selected by depressing a button on the back of the footswitch.



Corded Footswitch  
AR-8315C



*Bone Cutter*

*Full Radius Resector, Aggressive*

*Serrated Tooth Resector, Asymmetric*

*Serrated Tooth Resector, Aggressive*

*SabreTooth Resector*

*Slotted Whisker Shaver Blade*

*End Cutter Shaver Blade*

*FlushCut Burr, 6 Flute*

*FlushCut Burr, 8 Flute*

*FlushCut Burr, 12 Flute*

*Round Burr*

*Tapered Burr*

*ClearCut Burr, 6 Flute*

*ClearCut Burr, 8 Flute*

*ClearCut Burr, 12 Flute*

*ClearCut Round Burr*

*ClearCut SLAP Burr*

# Adapteur Power System II Single Use Disposable Blades and Burrs

## Disposable Shaver Blades and Burrs

Arthrex offers a wide range of high quality, single use disposable shaver blades and burrs for arthroscopic surgical procedures. Made with superior materials, manufacturing processes and workmanship, these products offer uncompromising performance and efficiency during tissue resection and burring applications.

The disposable Shaver Blades and Burrs can be used in both the large and small shaver handpieces and can be inserted with the cutting window in the up or down position.

Threads molded into the blade and burr hubs allow them to lock onto bridge cannulas for increased maneuverability and fluid management.



# Adapteur Power System II Single Use Disposable Small Joint and Hip Shaver Blades and Burrs

## Disposable Small Joint and Hip Shaver Blades and Burrs

Made with the same attention to detail as their standard counterparts, the disposable small joint and hip Shaver Blades and Burrs provide outstanding performance in bone and tissue resection applications.

The disposable small joint and hip Shaver Blades and Burrs can be used in standard sized foot control and hand control shaver handpieces and can be inserted with the cutting window in the up or down position.

*Small Joint Full  
Radius Resector*

*Small Joint Serrated  
Tooth Resector*

*Small Joint  
Oval Burr*

*Small Joint  
Round Burr*

*Hip Length Serrated  
Tooth Resector*

*Hip Length Serrated  
Tooth Resector Curved*

*Hip Length  
Bone Cutter*

*Hip Length  
Round Burr*



# Adapteur Power System II

## LR Shaver Blades and Burrs

### Limited Reusable (LR) Shaver Blades and Burrs

By using superior materials and manufacturing processes, the cutting edges and overall durability of our LR series blades and burrs allow their use in multiple procedures without decreasing their performance. Suction ports distal to the burr tips provide virtually clogless operation during burring procedures, increasing efficiency and reducing operative time.

These fully autoclavable blades and burrs offer substantial cost savings and reduce disposable expenditures in capitated surgical procedures.

Threads molded into the blade and burr hubs allow them to lock onto bridge cannulas for increased maneuverability and fluid management.



*Full Radius Resector,  
Aggressive*

*Serrated Tooth Resector,  
Aggressive*

*Serrated Tooth  
Resector*

*Slotted Whisker*

*End Cutter*

*Oval Burr*

*Round Burr*

*Tapered Burr*





# Adapteur Power System II Instrument System

## LR Shaver Blade and Burr Instrumentation Case

The versatile system instrument case, available with single or double blade/burr racks, provides a convenient means to organize the components of the APS II System. The shaver handpiece may be stored and autoclaved within the same case as the LR blades and burrs. Additional storage areas will accommodate other instruments commonly used during arthroscopic procedures.



## LR Shaver Blade and Burr Storage Racks

These convenient racks store the LR blades and burrs and are positioned within the sterile field for immediate access during procedures.

Each rack is customizable and may be engraved with an ID number or specific surgeon's name for identification purposes.



# Adapteur Power System II Ordering Information

## **Adapteur Power System II Set (AR-8300S) includes:**

APS II Control Console	AR-8300
APS II Footswitch	AR-8310
APS II Shaver Handpiece, qty. 2	AR-8325F
Blade/Burr Instrumentation Case, w/single rack, qty. 2	AR-8321

## **Accessories to the Adapteur Power System II:**

APS II Footswitch, gas pedal	AR-8310GP
Cordless Footswitch	AR-8315
Corded Footswitch	AR-8315C
APS II Replaceable Cable	AR-8320C
APS II Hand Control Shaver Handpiece	AR-8325H
APS II Cannulated Drill Handpiece	AR-8340F
APS II Sagittal Saw Handpiece	AR-8350F

## **Single Use Disposable Shaver Blades:**

Bone Cutter, 3.85 mm x 12.5 cm	AR-8385BC
Bone Cutter, 4.2 mm x 12.5 cm	AR-8420BC
Bone Cutter, 4.85 mm x 12.5 cm	AR-8485BC
Bone Cutter, Aggressive, 5.85 mm x 12.5 cm	AR-8585BC
Full Radius Resector, Aggressive, 3.85 mm x 12.5 cm	AR-8385EF
Full Radius Resector, Aggressive, 4.85 mm x 12.5 cm	AR-8485EF
Full Radius Resector, Curved, 4.2 mm x 12.5 cm	AR-8420CEF
Full Radius Resector, Aggressive, 5.85 mm x 12.5 cm	AR-8585EF
Serrated Tooth Resector, Aggressive, 3.85 mm x 12.5 cm	AR-8385ES
Serrated Tooth Resector, Aggressive, 4.2 mm x 12.5 cm	AR-8420ES
Serrated Tooth Resector, Aggressive, 4.85 mm x 12.5 cm	AR-8485ES
Serrated Tooth Resector, Aggressive, 5.85 mm x 12.5 cm	AR-8585ES
Serrated Tooth Resector, Asymmetric, 3.85 mm x 12.5 cm	AR-8385TE
Serrated Tooth Resector, Asymmetric, 4.2 mm x 12.5 cm	AR-8420TE
Serrated Tooth Resector, Curved, 4.2 mm x 12.5 cm	AR-8420CST
Serrated Tooth Resector, Asymmetric, 4.85 mm x 12.5 cm	AR-8485TE
Serrated Tooth Resector, Asymmetric, 5.85 mm x 12.5 cm	AR-8585TE
SabreTooth Resector, 5.85 mm x 12.5 cm	AR-8585SB
SabreTooth Resector, 4.85 mm x 12.5 cm	AR-8485SB
SabreTooth Resector, 4.2 mm x 12.5 cm	AR-8420SB
SabreTooth Resector, Curved, 4.2 mm x 12.5 cm	AR-8420CEF
SabreTooth Resector, 3.85 mm x 12.5 cm	AR-8385SB
Slotted Whisker, 3.85 mm x 12.5 cm	AR-8385SW
Slotted Whisker, 4.85 mm x 12.5 cm	AR-8485SW
Slotted Whisker, 5.85 mm x 12.5 cm	AR-8585SW
End Cutter, 3.85 mm x 12.5 cm	AR-8385EC
End Cutter, 4.85 mm x 12.5 cm	AR-8485EC

## **Single Use Disposable Burrs:**

ClearCut Burr, 6 Flute, 4.85 mm x 12.5 cm	AR-8485CBS
ClearCut Burr, 6 Flute, 5.85 mm x 12.5 cm	AR-8585CBS
ClearCut Burr, 8 Flute, 4.85 mm x 12.5 cm	AR-8485CB
ClearCut Burr, 8 Flute, 5.85 mm x 12.5 cm	AR-8585CB
ClearCut Burr, 12 Flute, 4.85 mm x 12.5 cm	AR-8485CBT
ClearCut Burr, 12 Flute, 5.85 mm x 12.5 cm	AR-8585CBT
ClearCut Round Burr, 5.85 mm x 12.5 cm	AR-8585CPB
ClearCut Round Burr, 4.85 mm x 12.5 cm	AR-8485CPB
ClearCut Round Burr, 3.85 mm x 12.5 cm	AR-8385CPB
ClearCut SLAP Burr, 6 Flute, 4.85 mm x 12.5 cm	AR-8485CSS
ClearCut SLAP Burr, 6 Flute, 3.85 mm x 12.5 cm	AR-8385CSS
FlushCut Burr, 6 Flute, 4.85 mm x 12.5 cm	AR-8485FBS
FlushCut Burr, 6 Flute, 5.85 mm x 12.5 cm	AR-8585FBS
FlushCut Burr, 8 Flute, 4.85 mm x 12.5 cm	AR-8485FB
FlushCut Burr, 8 Flute, 5.85 mm x 12.5 cm	AR-8585FB
FlushCut Burr, 12 Flute, 4.85 mm x 12.5 cm	AR-8485FBT
FlushCut Burr, 12 Flute, 5.85 mm x 12.5 cm	AR-8585FBT
Round Burr, 3.85 mm x 12.5 cm	AR-8385PB
Round Burr, 4.85 mm x 12.5 cm	AR-8485PB
Round Burr, 5.85 mm x 12.5 cm	AR-8585PB
Oval Burr, 3.85 mm x 12.5 cm	AR-8385POB
Oval Burr, 4.85 mm x 12.5 cm	AR-8485POB
Oval Burr, 5.85 mm x 12.5 cm	AR-8585POB
Tapered Burr, 4.85 mm x 12.5 cm	AR-8485PTB
Tapered Burr, 5.85 mm x 12.5 cm	AR-8585PTB

# Adapteur Power System II Ordering Information

## ***Hip Length Single Use Disposable Shaver Blades and Burrs:***

Bone Cutter, Hip Length, 4.2 mm x 18 cm	AR-6420BC
Serrated Tooth Resector, Hip Length, 4.2 mm x 18 cm	AR-6420ES
Serrated Tooth Resector, Hip Length, Curved, 4.2 mm x 18 cm	AR-6420CES
Round Burr, Hip Length, 4.85 mm x 18 cm	AR-6485PB

## ***Small Joint Single Use Disposable Shaver Blades and Burrs:***

SJ Full Radius Resector, 2 mm x 7 cm	AR-7200FR
SJ Full Radius Resector, 2.85 mm x 7 cm	AR-7285FR
SJ Full Radius Resector, 3.85 mm x 7 cm	AR-7385FR
SJ Serrated Tooth Resector, 2.85 mm x 7 cm	AR-7285ST
SJ Serrated Tooth Resector, 3.85 mm x 7 cm	AR-7385ST
SJ Round Burr, 2.85 mm x 7 cm	AR-7285PB
SJ Round Burr, 3.85 mm x 7 cm	AR-7385PB
SJ Oval Burr, 2.85 mm x 7 cm	AR-7285POB
SJ Oval Burr, 3.85 mm x 7 cm	AR-7385POB

## ***LR Autoclavable Shaver Blades:***

Full Radius Resector, Aggressive, LR, 3.85 mm x 12.5 cm	AR-8385RES
Full Radius Resector, Aggressive, LR, 4.85 mm x 12.5 cm	AR-8485RES
Full Radius Resector, Aggressive, LR, 5.85 mm x 12.5 cm	AR-8585RES
Full Radius Resector, Aggressive, LR, 3.85 mm x 12.5 cm	AR-8385REF
Full Radius Resector, Aggressive, LR, 4.85 mm x 12.5 cm	AR-8485REF
Full Radius Resector, Aggressive, LR, 5.85 mm x 12.5 cm	AR-8585REF
Serrated Tooth Resector, LR, 3.85 mm x 12.5 cm	AR-8385RST
Serrated Tooth Resector, LR, 4.85 mm x 12.5 cm	AR-8485RST
Serrated Tooth Resector, LR, 5.85 mm x 12.5 cm	AR-8585RST
Slotted Whisker, LR, 3.85 mm x 12.5 cm	AR-8385RSW
Slotted Whisker, LR, 4.85 mm x 12.5 cm	AR-8485RSW
Slotted Whisker, LR, 5.85 mm x 12.5 cm	AR-8585RSW
End Cutter, LR, 3.85 mm x 12.5 cm	AR-8385REC
End Cutter, LR, 4.85 mm x 12.5 cm	AR-8485REC

## ***LR Autoclavable Burrs:***

Round Burr, LR, 3.85 mm x 12.5 cm	AR-8385RPB
Round Burr, LR, 4.85 mm x 12.5 cm	AR-8485RPB
Round Burr, LR, 5.85 mm x 12.5 cm	AR-8585RPB
Oval Burr, LR, 3.85 mm x 12.5 cm	AR-8385RPOB
Oval Burr, LR, 4.85 mm x 12.5 cm	AR-8485RPOB
Oval Burr, LR, 5.85 mm x 12.5 cm	AR-8585RPOB
Tapered Burr, LR, 4.85 mm x 12.5 cm	AR-8485RPTB
Tapered Burr, LR, 5.85 mm x 12.5 cm	AR-8585RPTB

## ***Brushes and Instrument Cases:***

Cleaning Brush for 3.85 mm Blades/Burrs	AR-8385-14
Cleaning Brush for 4.85 mm Blades/Burrs	AR-8485-14
Cleaning Brush for 5.85 mm Blades/Burrs	AR-8585-14
Cleaning Brush for Blades/Burrs, large	AR-8323
Blade/Burr Instrumentation Case, w/single rack	AR-8321
Blade/Burr Instrumentation Case, w/double rack	AR-8322



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

*... up-to-date technology  
just a click away*

© Copyright Arthrex Inc., 2008. All rights reserved.  
U.S. PATENT NO. 7,077,845 and PATENT PENDING. LB0652H