Q

Electrosurgery

Product Highlights

DYONICS® VULCAN® Arthroscopy System

Smith & Nephew ablation probes deliver powerful, consistent RF energy for vigorous tissue ablation and hemostasis. The jewel-cut electrodes deliver focused energy to target tissue with reduced current output requirements, while generating less heat than competitive ablation probes.

DYONICS GLIDER
Articular Cartilage Probe debrides and smooths cartilage surfaces predictably and consistently, with a minimal amount of cell death.

DYONICS GLIDER Page Q-4

TAC®-S Probe
Advanced monopolar temperature control program is optimized for ligamentous soft tissue shrinkage in the shoulder.

TAC-S Probe Page Q-5

LIGAMENT CHISEL
Probes provide unmatched precision in ligament resection and coagulation.

LIGAMENT CHISEL Page Q-6

Smith & Nephew DYONICS® VULCAN® Arthroscopy System

The Smith & Nephew DYONICS® VULCAN® Arthroscopy System is designed to help improve procedure efficiency and outcome with a complete line of RF products for knee, shoulder, hip, and small joint procedures.

Flexible
Monopolar, bipolar, temperature control, and impedance monitoring capabilities aid in optimizing energy delivery to produce the desired tissue effect.

Simple
All Smith & Nephew RF probes are available with integrated cables which increases staff efficiency by eliminating cable sterilization and storage requirements.

Convenient
Autoprobe recognition takes the guesswork out of selecting power settings. Troubleshooting is facilitated with audible alarms and error message displays.

REF	Description
System includes: VULCAN® Generator, power cord, footswitch, and manual	
7210868	VULCAN Generator System, U.S.
7210869	VULCAN Generator System, Europe
7210870	VULCAN Generator System, U.K.
7210898	VULCAN Generator System, Australia
7210897	VULCAN Generator System, India
7210871	VULCAN Generator System, South Africa
7210872	VULCAN Generator System, Italy
7210812	VULCAN Generator
7209693	VULCAN Extension Cables (for use only with original version of EFLEX® Probes)
7209692	VULCAN Footswitch
7209687	Split Electrode Pads, 1 each
7209597	Probe Tip Bender

SAPHYRE◇ Bipolar Ablation Probes

Smith & Nephew SAPHYRE◇ ablation probes deliver powerful, consistent RF energy for vigorous soft tissue ablation and hemostasis. The jewel-cut electrodes deliver focused energy to target tissue with reduced current output requirements, generating less heat than competitive ablation probes. In addition, the SAPHYRE Bipolar Ablation Probes COOLBACK Shaft reduces the risk of secondary tissue heating at the return electrode site.

COOLBACK design. Insulation at back of probe reduces risk of unwanted RF effect on adjacent tissue.

REF	Description	Shaft Color
7209686	SAPHYRE Bipolar Ablation Probe, 90°	Pewter
7209685	SAPHYRE Bipolar Ablation Probe, 60°	Pewter
7209684	SAPHYRE Bipolar Ablation Probe, 90° high profile	Pewter

Smith & Nephew SAPHYRE II Bipolar Ablation Probes

The Smith & Nephew SAPHYRE II Bipolar Ablation probes have integrated suction for enhanced visualization in the sterile field.

7210111	SAPHYRE II Bipolar Ablation Probe with suction, 90°	Pewter
7210113	SAPHYRE II Bipolar Ablation Probe with suction, 60°	Pewter
7210112	SAPHYRE II Bipolar Ablation Probe with suction, 90° high profile	Pewter
7210491	SAPHYRE II Bipolar Ablation Probe with suction, 40°	Pewter

Monopolar Ablation Probes

Smith & Nephew ABLATOR® Probes

The Smith & Nephew ABLATOR probes provide a wide scope of probe styles for arthroscopic applications in the shoulder, knee, and small joint. Features such as the POWER POCKET® electrode high-flow extractor lumen on suction probes help optimize tissue ablation, coagulation, and visualization of the surgical site.

REF	Description	Shaft Color
7209659	ABLATOR Monopolar Ablation Probe, 90°	Black
7209654	ABLATOR-S Monopolar Ablation Probe, 90° with suction	Black
7209657	ABLATOR Monopolar Ablation Probe, 60°	Black
7209653	ABLATOR-S Monopolar Ablation Probe, 60° with suction	Black
7209655	ABLATOR Monopolar Ablation Probe, 90° high profile	Black
7209651	ABLATOR-S Monopolar Ablation Probe, 90° high profile with suction	Black
7209650	ABLATOR Monopolar Ablation Probe, 60°, 2.0 mm	Black
7209652	ABLATOR-S Monopolar Ablation Probe, 60°, 2.0 mm with suction	Black
7209658	ABLATOR Monopolar Ablation Probe, 30°	Black
7209656	Micro ABLATOR Probe, 60°	Black
7209641	Micro ABLATOR-S Probe, 60° with suction	Black
7209666	EFLEX® ABLATOR probe	Black
72200683	EFLEX ABLATOR Probe with integrated cable	Black

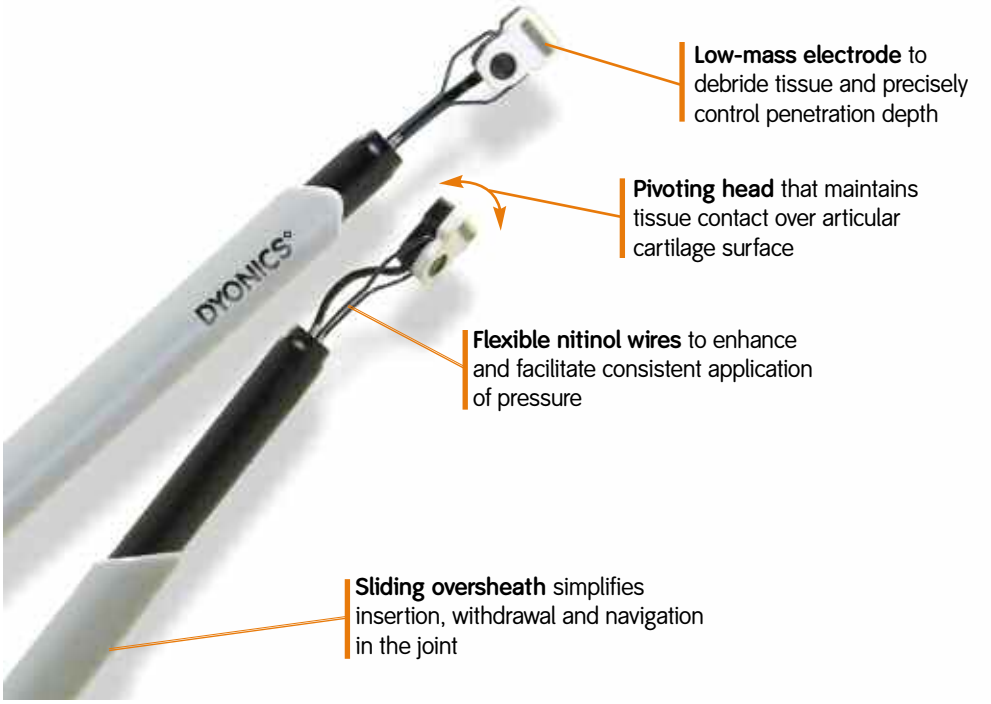
Smith & Nephew SCULPTOR® Probes

Smith & Nephew SCULPTOR ABLATOR probes combine the power of monopolar ablation with consistent, vigourous, predictable soft tissue removal and hemostasis.

7210698	SCULPTOR ABLATOR Probe, 90°	Black
7210697	SCULPTOR ABLATOR-S Probe, 90° with suction	Black
7210700	SCULPTOR ABLATOR Probe, 90° high profile	Black
7210695	SCULPTOR ABLATOR-S Probe, 90° high profile with suction	Black
7210699	SCULPTOR ABLATOR Probe, 60°	Black
7210696	SCULPTOR ABLATOR-S Probe, 60° with suction	Black

DYONICS® GLIDER® Articular Cartilage Probe

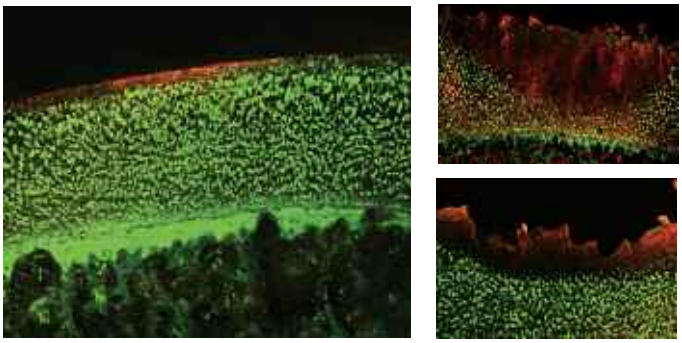
Designed exclusively for treatment of chondromalacia, indicated specifically for chondroplasty.
The DYONICS® GLIDER probe debrides and smooths diseased cartilage along the contoured surfaces of the joint while limiting the depth of chondrocyte death to 150 microns or less.



DYONICS GLIDER Articular Cartilage Probe

The Smith & Nephew DYONICS GLIDER Articular Cartilage Probe is an early-intervention tool for treatment of articular cartilage disease. Through controlled application of RF energy on Grade II and III chondromalacia, the GLIDER probe is designed to maximize preservation of healthy cartilage tissue while restoring a smooth gliding surface.

REF	Description	Shaft Color
7210438	DYONICS GLIDER Articular Cartilage Probe	Black
Optional:		
7210977	Reuseable slotted cannula	



Cell viability images. Red is dead, green is live.
Measurement bar = 100 um.

Creates a smooth cartilage surface

In vitro studies have demonstrated the DYONICS GLIDER probe creates a smooth cartilage surface with a superficial layer of cell death. The images compare the depth of cell death achieved with the DYONICS GLIDER probe versus all-purpose arthroscopic radiofrequency (RF) devices.

Temperature Control Probes

Smith & Nephew TAC® Probes

The Smith & Nephew TAC® probes are indicated for ligament shrinkage in the shoulder as well as coagulation of soft tissue in the knee, hip, and small joints. Each TAC probe tip contains a sensor that relays tissue temperature back to the generator, enabling automatic selection and control of tissue temperature during treatment. All TAC probes incorporate a malleable shaft for added flexibility.

REF	Description	Shaft Color
7209630	TAC-S Probe, angled	Blue
7209628	TAC-C II Probe	Blue
7209633	TAC-S Probe	Blue
7209632	Mini TAC-S Probe	Blue
7209629	Micro TAC-S Probe, angled	Blue
7209631	Micro TAC-S Probe	Blue
7209637	EFLEX® TAC-S Probe	Blue
72200681	EFLEX TAC-S Probe with integrated cable	Blue

LIGAMENT CHISEL◇ Probes

The Smith & Nephew LIGAMENT CHISEL probes provide focused and precise resection, ablation, and hemostasis of dense soft tissue in the shoulder, knee, hip, and small joints. All probes incorporate a malleable shaft for added flexibility and access to difficult-to-reach areas.

REF	Description	Shaft Color
7209647	LIGAMENT CHISEL Probe, curved	Green
7209648	LIGAMENT CHISEL Probe, angled	Green
7209646	LIGAMENT CHISEL Probe, hook	Green
7209649	LIGAMENT CHISEL Probe, straight	Green
7209643	Micro LIGAMENT CHISEL Probe, hook	Green
7209645	Micro LIGAMENT CHISEL Probe, angled	Green
7209644	Micro LIGAMENT CHISEL Probe, curved	Green
7209663	EFLEX◇ LIGAMENT CHISEL Probe	Green
72200682	EFLEX LIGAMENT CHISEL Probe with integrated cable	Green

Hip Probes

Smith & Nephew DYONICS® EFLEX® Radiofrequency Probes

Smith & Nephew DYONICS EFLEX RF probes can deflect up to 100°, enabling access into areas of the hip joint that are difficult to reach with conventional rigid probes. Tip deflection is actuated by an easy-to-pull trigger system, with an ergonomically designed handle and palm grip. EFLEX probes are also available with an integrated power cable, eliminating the need to purchase and re-sterilize separate cables.

REF	Description
7209666	DYONICS EFLEX ABLATOR Probe
7209663	DYONICS EFLEX LIGAMENT CHISEL Probe
7209637	DYONICS EFLEX TAC®-S Probe
7209693	VULCAN® Extension cable
72200683	DYONICS EFLEX ABLATOR® Probe with integrated cable
72200682	DYONICS EFLEX LIGAMENT CHISEL® Probe with integrated cable
72200681	DYONICS EFLEX TAC-S Probe with integrated cable

DYONICS GLIDER® Articular Cartilage Probe

The Smith & Nephew DYONICS GLIDER Articular Cartilage Probe is an early-intervention tool for treatment of articular cartilage disease. Through controlled application of RF energy on Grade II and III chondromalacia, the GLIDER probe is designed to maximize preservation of healthy cartilage tissue while restoring a smooth gliding surface.

REF	Description	Shaft Color
7210438	DYONICS GLIDER Articular Cartilage Probe	Black
Optional:		
7210977	Reuseable slotted cannula	

Small Joint RF Probes

Smith & Nephew Small Joint RF Probes

Smith & Nephew offers a versatile and comprehensive selection of RF probes for use in a variety of small joint arthroscopic procedures.

REF	Description	Color
7209656	Micro ABLATOR® Probe, 60°	Black
7209641	Micro ABLATOR-S Probe, 60° with suction	Black
7209643	Micro LIGAMENT CHISEL® Probe, hook	Green
7209645	Micro LIGAMENT CHISEL Probe, angled	Green
7209644	Micro LIGAMENT CHISEL Probe, curved	Green
7209632	Mini TAC® S	Blue
7209629	Mini TAC S, angled	Blue
7209631	Mini TAC S, probe	Blue

Arthroscopic Electrodes, Probes, and Switchpens

Arthroscopic Electrodes
Insulated for use in all fluids.

	REF	Description
	7205441	Electrode, 90° L-hook tip, 170 mm working length, for use with REF 7205440 Switchpen or standard Valleylab® Switchpen, box of 10
	7205442	Electrode, 45° tip, 170 mm working length, for use with REF 7205440 Switchpen or standard Valleylab® Switchpen, box of 10
	7205443	Electrode, 90° flat tip, 170 mm working length, for use with REF 7205440 Switchpen or standard Valleylab® Switchpen, box of 10
	7205774	Electrode, 90° L-hook tip, short, 126 mm working length, for use with REF 7205440 Switchpen or standard Valleylab® Switchpen, box of 10

Complete Probe and Pen Kit
Insulated for use in all fluids.

	7205565	Switchpen with L-hook electrode, for use in fluid media, box of 5

Switchpen
Insulated for use in all fluids.

	7205440	Switchpen, monopolar, leakproof, anti-rotating interface allows electrode positioning in eight fixed orientations, for use with REF 7205774, 7205443, 7205442, and 7205441, box of 5