



DYONICS<sup>®</sup> ELECTROTHERMAL<sup>®</sup>  
Arthroscopy System



The right choice



# The right tool

The Smith & Nephew DYONICS<sup>◇</sup> ELECTROTHERMAL<sup>◇</sup> 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 and temperature control options aid in optimizing energy delivery to produce the desired tissue effect.

## Simple

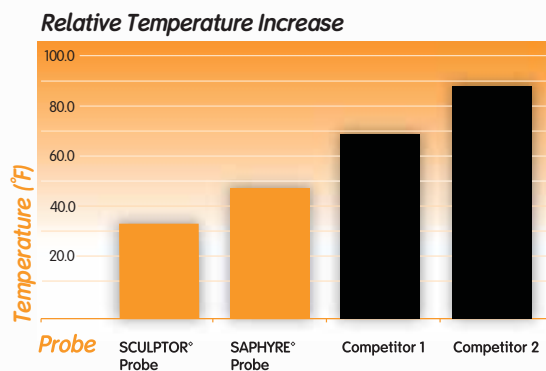
Integrated, single-use probe cables increase staff efficiency by eliminating cable sterilization and storage requirements.

## Convenient

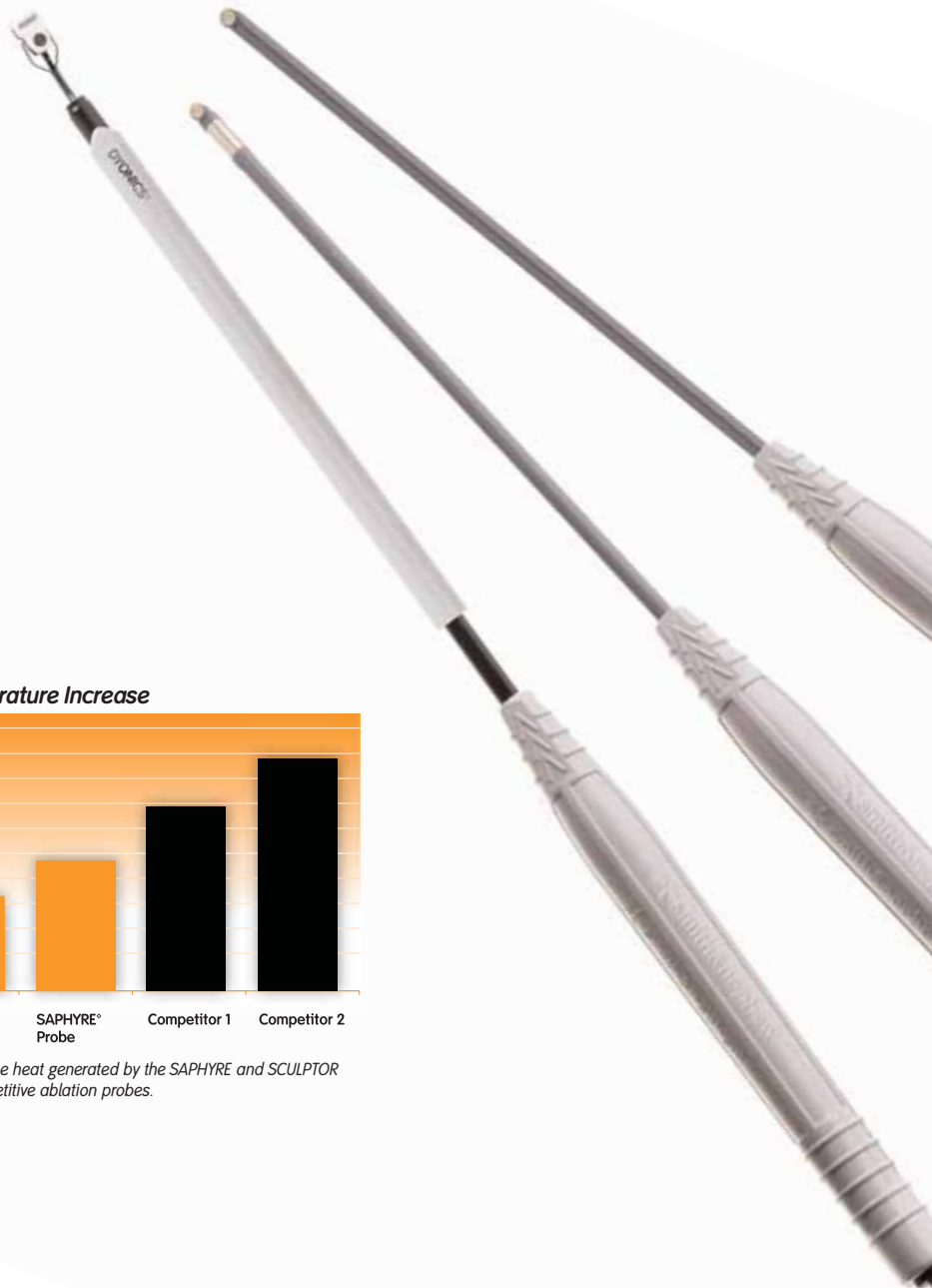
Autoprobe recognition takes the guesswork out of selecting power settings. Troubleshooting is facilitated with audible alarms and error message displays.

## Power and consistency for soft tissue ablation and hemostasis

Smith & Nephew 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<sup>◇</sup> Bipolar Ablation Probe's COOLBACK<sup>◇</sup> Shaft and SCULPTOR<sup>◇</sup> Ablation Probe's fully insulated shaft reduce the risk of secondary tissue heating at the return electrode site.



*This chart compares the heat generated by the SAPHYRE and SCULPTOR probes with two competitive ablation probes.*



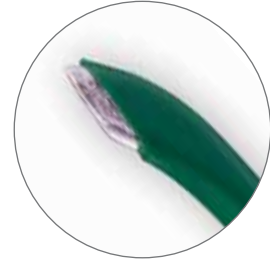
Since pioneering mechanical shaving more than 25 years ago the DYONICS name has been synonymous with innovation and quality. Smith & Nephew continues this tradition with a versatile portfolio of electrothermal devices. A few examples are listed below.



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



DYONICS° ELECTROBLADE° Resector combines shaver and RF technology to simultaneously resect and coagulate soft tissue.



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



TAC°-S Probe's advanced monopolar temperature control program is optimized for ligamentous soft tissue shrinkage in the shoulder.











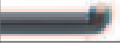


































EFLEX° Probes are deflectable up to 100° to enable access in areas of the hip that are difficult to reach with conventional instruments.



Smith & Nephew provides an extensive line of micro-sized ablation, cutting and temperature controlled probes that expand access to a variety of small joint procedures.

The Smith & Nephew DYONICS<sup>®</sup> ELECTROTHERMAL<sup>®</sup> Arthroscopy System includes the most versatile line of RF probes in the industry. Here is a partial list of what we have to offer:

Name	REF	Description	
<b>SAPHYRE<sup>®</sup> and SAPHYRE II Probes</b>		7210491 40°, Suction	
		7209686 90°	
		7210111 90°, Suction	
		7209685 60°	
		7210113 60°, Suction	
		7209684 90°, High Profile	
		7210112 90°, High Profile, Suction	
		7210112 90°, High Profile, Suction	
<b>SCULPTOR<sup>®</sup> Probes</b>		7210698 90°	
		7210697 90°, Suction	
		7210700 90°, High Profile	
		7210695 90°, High Profile, Suction	
		7210699 60°	
		7210696 60°, Suction	
	<b>ABLATOR<sup>®</sup> Probes</b>		7209659 90°
			7209654 90°, Suction
		7209657 60°	
		7209653 60°, Suction	
		7209655 90°, High Profile	
		7209651 90°, High Profile, Suction	
		7209652 60°, 2 mm, Suction	
		7209658 30°	
		7209656 MICRO	
		7209641 60°, MICRO, Suction	
		7209666 EFLEX <sup>®</sup>	
<b>TEMPERATURE CONTROL Probes</b>			7209633 TAC <sup>°</sup> -S
		7209630 Angled, TAC-S	
		7209628 TAC-C II	
		7209632 MINI TAC-S	
		7209631 MICRO TAC-S	
		7209629 Angled, MICRO TAC-S	
		7209637 EFLEX TAC-S	
<b>LIGAMENT CHISEL<sup>®</sup> Probes</b>		7209649 Straight	
		7209647 Curved	
		7209648 Angled	
		7209646 Hook	
		7209645 MICRO, Angled	
		7209644 MICRO, Curved	
		7209643 MICRO, Hook	
		7209663 EFLEX	

Name	REF	Description
<b>DYONICS GLIDER<sup>®</sup> Probe</b> 	7210438	Pivoting head, flexible Nitinol wires, low-mass electrode and sliding overshooth
<b>DYONICS ELECTROBLADE<sup>®</sup> Resector</b> 		<i>Color Size Generator</i>
	7209855	Yellow 4.5 VULCAN <sup>®</sup>
	7205961	Yellow 4.5 Valleylab <sup>®</sup> , Erbe
	7209983	Maroon 4.5 VULCAN
	7209700	Maroon 4.5 Valleylab, Erbe
<i>For use with DYONICS POWERMAX<sup>®</sup> Elite, DYONICS POWERMAX, DYONICS POWER, and DYONICS EP-1<sup>®</sup> Motor Drive Units</i>		
<b>Arthroscopic Generator and Accessories</b> 	7210812	VULCAN Generator
	7209693	Extension Cable (for use with EFLEX)
	7209692	Footswitch
	7209687	Split Electrode Pad
	7209597	Probe Tip Bender
<i>Please contact your authorized Smith &amp; Nephew representative for country specific kits</i>		

Applications	DYONICS GLIDER	SAPHYRE, SCULPTOR, ABLATOR	LIGAMENT CHISEL	TAC
<b>Shoulder</b>	Subacromial decompression	•		
	Capsular release		•	
	Capsulorrhaphy			•
	Synovectomy	•		
	CA ligament removal	•		
<b>Knee</b>	Meniscectomy	•		
	ACL/PCL debridement	•		
	Chondroplasty	•		•
	Medial plication			•
<b>Hip</b>	Lateral release		•	
	Labral resection	•	•	
	Capsular release	•		
	Capsulorrhaphy			•
<b>Wrist/Elbow/Ankle</b>	Loose body excision	•	•	
	TFCC debridement	•	•	
	Scar tissue excision	•		
	Chondroplasty			•
	Capsulorrhaphy			•