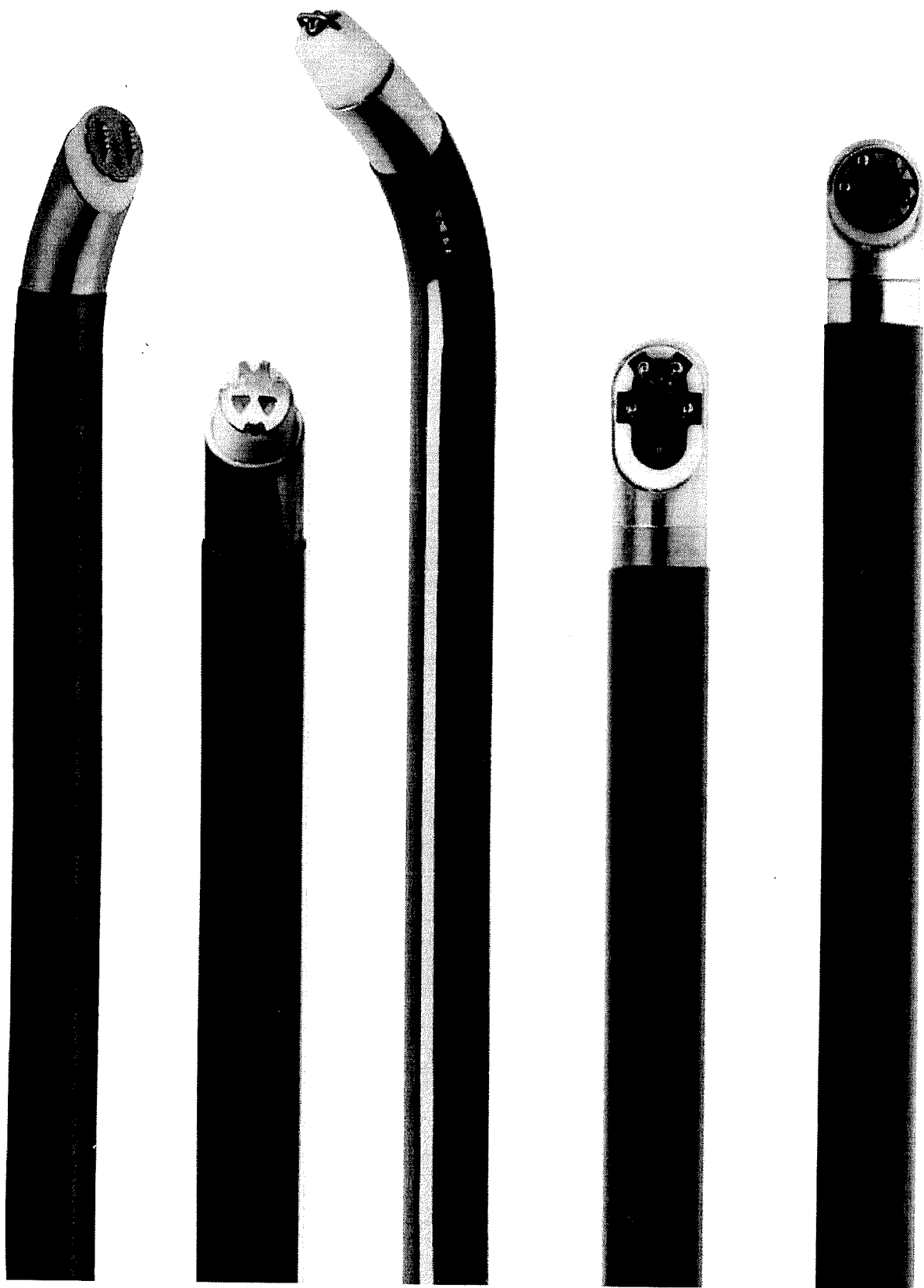
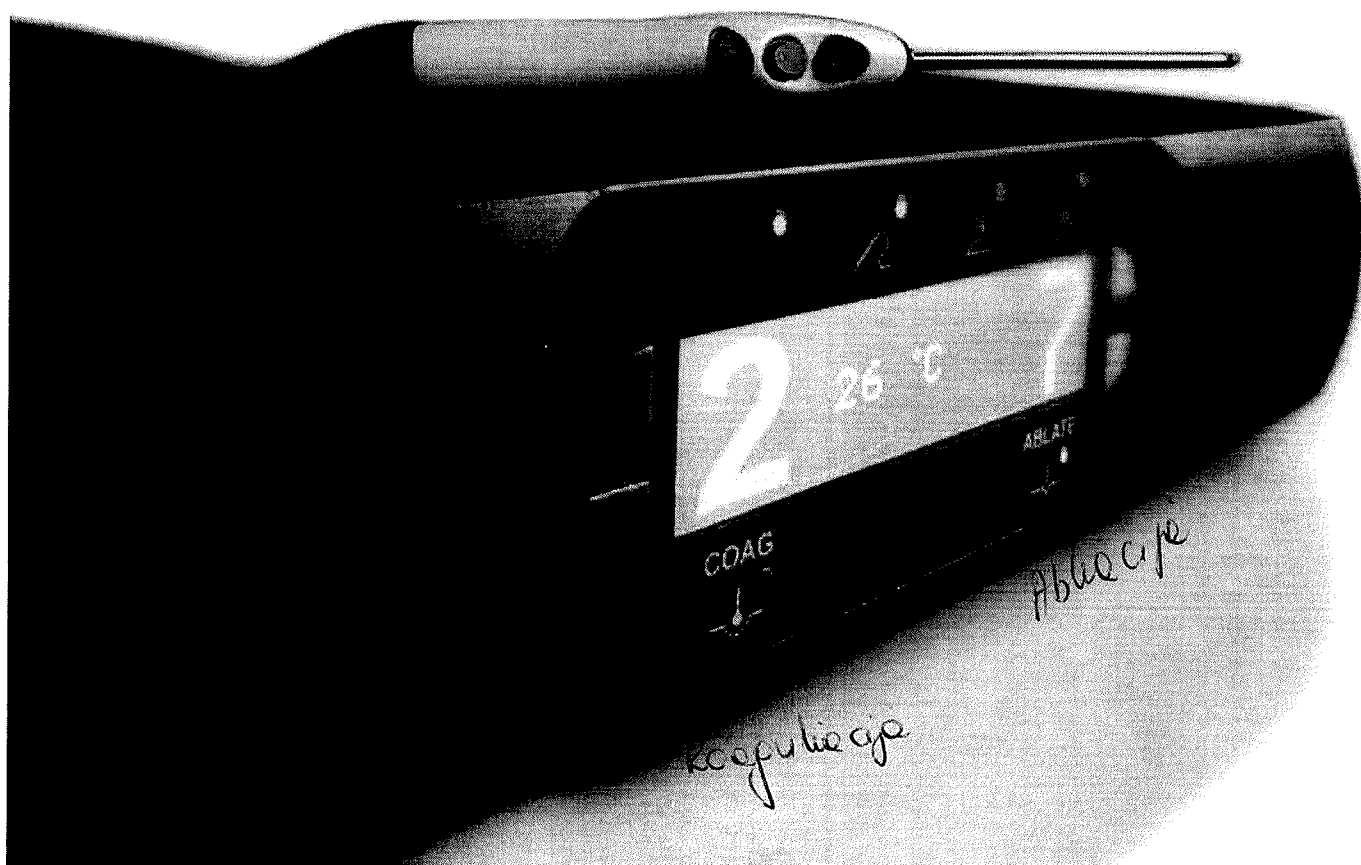


Bipolārinai elektrodai arhtroskopinei keliā ir pētīts  
sēnarij ir smuklaj sēnarij elektroķirurģijā

1 ir 2 pirkumu daļīs

lankstās elektrodai





 **smith&nephew**  
**QUANTUM<sup>®</sup> 2**  
Controller System for use  
with COBLATION<sup>®</sup> Wands

State-of-the-art performance for  
fast, efficient procedures

## Voltage Outputs *Abliacijos ir koaguliacijos režimai*

The voltage outputs correspond to the Ablate or Coag Set Points as listed in the Table below. Depending on the particular Patient Cable in use, the display corresponds to the output voltage in open circuit as follows:

Tan Patient Cable Receptacle

Display	Output Voltage (Vrms $\pm 10\%$ )
0	0
1	100
2	126
3	154
4	180
5	207
6	234
7	260
8	287
9	394
10	Not Allowed
Coag 0	0
Coag 1	65
Coag 2	200

When the Controller is first powered on with no Wand attached, a "CONNECT WAND" message will be displayed on the controller front panel. If a Wand is attached when the Controller is turned on, the Controller will display "PRESS ANY BUTTON". After a Wand is connected or a key pressed, the output levels will be set automatically by the Controller to the default values for the particular Wand. These settings will usually provide the best effect in most situations. Press the Ablation set point adjustment buttons on the front panel or the Set Point Adjust button on the Foot Control, Hand Control, or the Wand integrated finger switch to adjust the display to alternate settings.

**NOTE:** If a Set Point is selected outside of the default range (between the initial Set Point and maximum Set Point), proper activation of the Wand should be confirmed.

Once a Wand has been properly connected, the Ablation or Coagulation voltage level can be increased or decreased by pressing the voltage level adjustment buttons located on the front panel. Ablation level can also be adjusted by pressing the Ablation set point adjustment function on the Foot Control, the Hand Control, or the Wand integrated finger switch. The ablation setting levels may be adjusted to levels throughout the appropriate range, depending on the maximum voltage permitted by the particular Wand in use. In general, the higher set point values will result in more aggressive tissue ablation, low set point values (e.g. 1 or 2) will result in the Wand generating a resistive heating mode.

Wands also have adjustable coagulation functionality which can be adjusted using coagulation set point buttons on the controller front panel. Nominal coagulation is "1" and enhanced coagulation is "2".

Kopija Ukrai  
LIETUVOS RESPUBLIKA

1 n 2 p. d.

Vertimas iš anglų kalbos

- |       |       |   |
|-------|-------|---|
| 1.2.2 | 2.2.2 | Ilgas, lankstus kobliacijos ir koaguliacijos elektrodas su integruotu kanalu siurbimui, integruotu kabeliu;                       |
| 1.4.4 | 2.4.4 | Grįžtamasis elektrodo polius integruotas ant elektrodo ašies, jo nereikia orientuoti, kad jis liestųsi su audiniais;              |
| 1.4.4 | 2.4.4 | Nereikia pacientą įžeminančio elektrodo;  |
| 1.6.6 | 2.6.6 | Elektrodas turi vidinį klasifikacijos kodą, kuris leidžia generatoriui automatiškai parinkti optimalius režimo galios nustatymus; |

LITUOVOS RESPUB

✓

Elektrodų pasirinkimas

Pristatydami elektrodų kolekciją, atkreipiame dėmesį į didelį pasirinkimą įvairių darbinio galo kampų ir dizainų.

Klubo elektrodai

AMBIENT HIPVAC 50

SIDEWINDER PEILIS

MULTIVAC 50 XL

TURBOVAC 90 XL

SABER ELEKTRODAS

Peties artroskopija

AMBIENT SUPER TURBOVAC 90 ELEKTRODAS

AMBIENT MEGAVAC 90

COVATOR 20

Kelio artroskopija

AMBIENT COVAC 50 IR 70

AMBIENT SUPER MULTIVAC 50

PARAGON T2 (CHONDROPLASTIJAI)

MENIVAC 45 (MENISKEKTOMIJAI)

Susgyslėms

TOPAZ MIKRODERBRIDER

Smulkiems sąnariams

SHORT BEVEL 35 IR MICROABLATOR 30

UAB "Osteo"

UAB "Osteo"

## Description, Indications for Use, and Contraindications

1.3.3.; 2.3.3.

Veikla bipolarinės elektrochirurgijos principu.

### Description

The ArthroCare® Quantum™ 2 System (Model RF 12000) is a bipolar, radio frequency (RF) electrosurgical system designed for use in arthroscopic and orthopedic procedures. Each System consists of the following components:

- 1) a bipolar radiofrequency Controller;
- 2) a reusable, non-sterile Power Cord;
- 3) a reusable, non-sterile Foot Control;
- 3a) a reusable, non-sterile wireless Foot Control (optional);
- 4) a reusable, non-sterile Patient Cable (optional); and
- 5) a disposable, sterile ArthroWand® (sold separately).

An optional reusable non-sterile Hand Control is also available for use with the System.

The Controller is the voltage source that delivers RF energy to the treatment site via a reusable Patient Cable and sterile Wand, or an integrated Cable Wand (ICW), or a sterile Wand/Cable combination.

1.3.3.; 2.3.3.

The reusable Patient Cable (optional) is supplied non-sterile and is designed for sterilization prior to use.

Atkreipė audinio abliacijos kontūrinę, pprine, ir koaguliaciją

The sterile disposable Wand is available in various single or multi-electrode configurations and is supplied separately.

1.1.1. Sterilus, vienelektrode ar daugielektrode

The Controller is activated by either a reusable Foot Control, or an optional reusable Hand Control, or Wand with Integrated Finger Switches.

1.5.5.  
2.5.5.

### Indications for Use

4 darbo režimai:

The ArthroCare Quantum 2 System (the "System") is indicated for resection, ablation, and coagulation of soft tissue and hemostasis of blood vessels in arthroscopic and orthopedic procedures.

### Contraindications

1.1.1. Naudojami ortoskopiškai operuoti metu  
2.1.1.

The ArthroCare Quantum 2 System is contraindicated in any procedures where a conductive solution is not used. The System is also contraindicated for patients who have cardiac pacemakers or other electronic implants without specific instructions from the manufacturer of the cardiac pacemaker or implant. Please refer to the Wand Instructions for Use for a more comprehensive list of contraindications regarding specific procedures. The controller is not intended to be used with a neutral electrode (monopolar device).

1.5.5.; 2.5.5

4 darbo režimai:

- 1) Repeizacija
- 2) Koaguliacija
- 3) Vaporizacija su hemostaze
- 4) Koaguliacija su temperatūros kontrole.

Kopija tikrai //

*Kobliacijs*

## STARVAC® COBLATION® Wand

*1.2.2; 2.2.2.*  
*su integrēta kabelis 90° su turbīna*

The STARVAC 90 COBLATION® Wand with integrated cable is the newest 90° suction wand offered by SMITH & NEPHEW Sports Medicine. The innovative screen design combines aggressive ablation speed with powerful suction. The classic 90° Wand tip profile is optimized for easy access and precise ablation and hemostasis.

### Key features

- Innovative single aperture, star screen design enhances suction flow
- Fast, accurate ablation for efficient procedures
- Same classic size, shape, and profile as best-selling SUPER TURBOVAC® 90
- Available with enhanced COAG mode for improved hemostasis when used with the QUANTUM® Controller platform

### Suggested indications

- Subacromial decompression
- Bursectomy
- ACL debridement
- Synovectomy

### Technical specifications

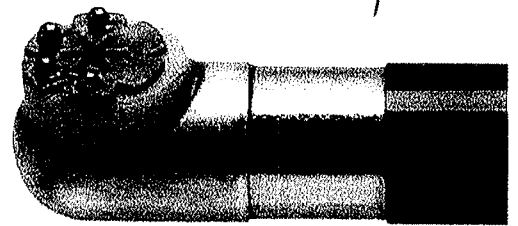
STARVAC COBLATION Wand

CATALOG #

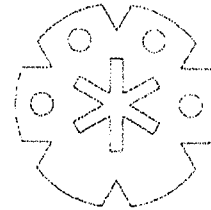
ASC4251-01

CONTROLLER PLATFORM

QUANTUM OR ATLAS®



STARVAC 90 COBLATION Wand tip



STARVAC 90 COBLATION Wand screen

Arthrocare Corporation  
7000 West William Cannon Drive  
Austin, TX 78735  
USA

[www.smith-nephew.com](http://www.smith-nephew.com)

Order Entry: 1-800-343-5717  
Order Entry Fax: 1-888-994-2782

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P/N 31632 Rev. C 01/15

*Kopija tikrai*

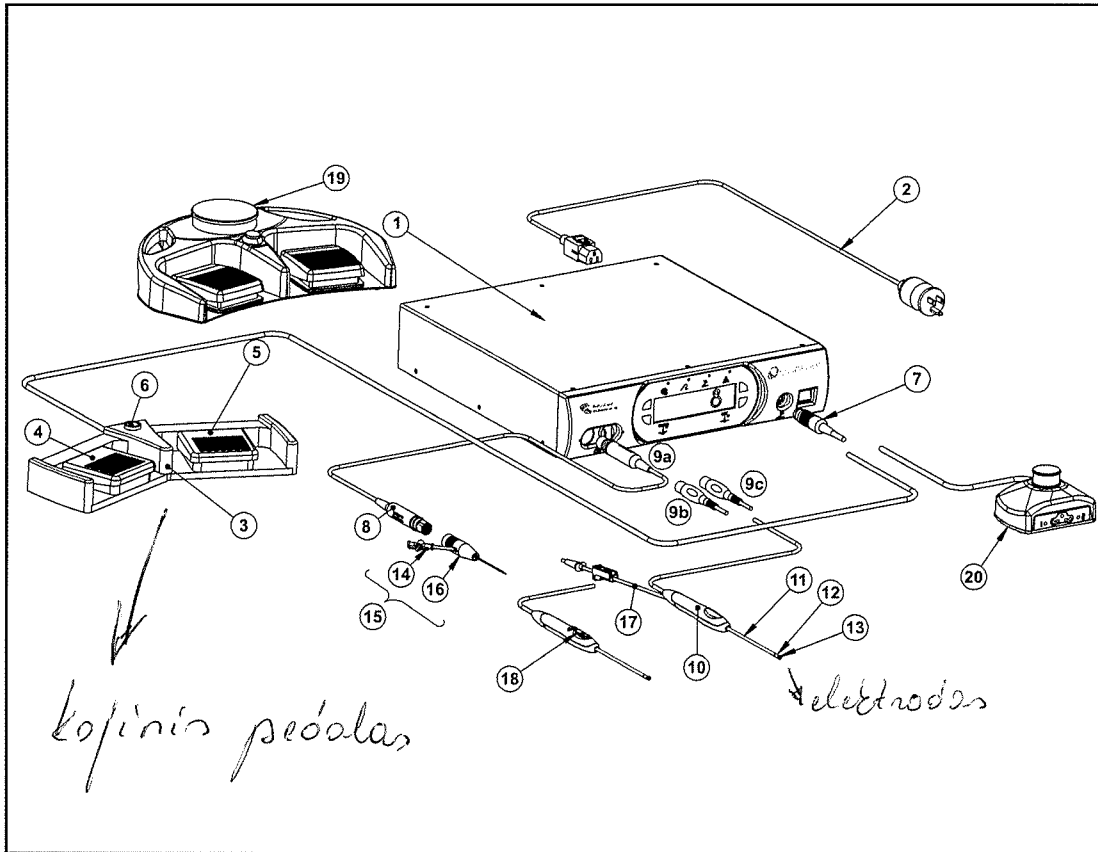
*7*

yr. vadybininkė  
Jolita Raklevičienė

Kopija

## System Overview

### Connection Diagram



1. Controller
2. Power Cord
3. Foot Control
4. Ablation Pedal
5. Coagulation Pedal
6. Ablation Set Point Adjustment Button
7. Foot Control Connector
8. Patient Cable (optional)
- 9a. Patient Cable Connector
- 9b. Cable Connector with Gray Plug
- 9c. Cable Connector with Black Plug

10. Integrated Cable Wand (ICW)
11. Shaft (Wand)
12. Return Electrode (Wand)
13. Active Electrode Tip (Wand)
14. Irrigation Tube (optional on Wand Style)
15. Wand
16. Handle (Wand)
17. Suction Tube (optional on Wand Style)
18. Integrated Finger Switch Wand
19. Wireless Foot Control transmitter
20. Wireless Foot Control receiver

įrengiamasis elektrodas  
policis įtaisytas ant  
elektrodo anties, jo nereikia  
orientuoti, kad  
darbo metu jis  
liktų su aud-  
niu. Nereikia pe-  
ciantis įžeminimo  
elektrodo.



## Principle of Operation

The System is designed to deliver RF energy to the electrode elements located at the distal end of the sterile single-use Wands. Current flows between the active electrode elements and the return electrode element, providing a localized energy field. Both elements or poles are located on the Wand in a bipolar configuration. The result of this arrangement is controlled energy delivery with minimal collateral tissue damage.

*2.3.3; 1.3.3. Elektrolytische*  
The System works by passing RF energy through a conductive solution (such as normal saline or Ringer's lactate) in close proximity to or in contact with the tissue to be treated. The conductive solution forms a thin layer between the active and return electrode elements. In the ablation mode, when sufficient energy is applied, the conductive solution is converted into a vapor layer containing energized charged particles (plasma). When the high-energy charged particles come in contact with tissue, they cause its disintegration through molecular dissociation.

This mode of operation results in relatively low treatment site temperatures when compared to conventional electrosurgical and monopolar RF systems, thus yielding limited collateral thermal damage to the surrounding untreated tissue.

The System can also function when a lower voltage is applied between the active and return electrodes. In this case, the electrical field is below the threshold required to create a plasma layer and resistive tissue heating occurs. This mode is useful when a greater thermal effect is needed, i.e. for coagulation of blood vessels. The appropriate voltage setting will depend on the design of the Wand used, tissue type, and desired tissue effect.

*1.4.4. orientemais elektrodo polos gtaeytes out  
2.4.4. 0  
elektrodo asien.*

- If a Power Cord other than the ArthroCare Power Cord is used, please ensure the Power Cord complies with the voltage and current rating listing on the back panel of the Controller. Failure to do so may alter the performance of the Controller.
- Smoke plume extraction is recommended in those procedures where smoke may present a hazard.
- The ArthroCare Quantum 2 System needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this document.
- Portable and mobile RF communications equipment can affect Medical Electrical Equipment.
- The ArthroCare Quantum 2 System should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the ArthroCare Quantum 2 System should be observed to verify normal operation in the configuration in which it will be used.

## ADVERSE EVENTS

As a consequence of electrosurgery, damage to surrounding tissue through iatrogenic injury could occur.

## Controls, Indicators, and Alarms

### Controls & Indicators

The System (RF 12000) incorporates the following controls and indicators:

#### FRONT PANEL

##### 1. On/Off Switch

This switch turns the AC power on and off. When the switch is on, the LCD display on the Controller will be active. This display may remain active for up to 5 seconds following power turn-off.

##### 2. Warning Indicator

A red indicator illuminates and an audible signal alarms when a Controller-specific failure or malfunction occurs.

##### 3. Control Connected Indicator

A green Control Connector Indicator will illuminate when a Foot Control or Reusable Hand Control is properly connected.

##### 4. Coagulation Activation Indicator

A blue indicator will illuminate when the Coagulation function is selected and a Wand is attached.

##### 5. Wand Connected Indicator

A green Wand Connected Indicator will illuminate when the Patient Cable and the Wand are properly connected.

##### 6. Coagulation or Temperature Alarm Set Point Adjustment

Increment and Decrement buttons control the Coagulation Set Point or the Temperature alarm setting (depending on the type of wand connected). Refer to the Instructions for Use section of this manual for the corresponding voltage levels for each coagulation setting.

##### 7. Ablation Set Point Adjustment

Increment and Decrement buttons control the Ablation Set Point. The Ablation output level can also be adjusted from the Ablation Set Point Adjustment function on the Foot Control or the Hand Control or the Wand's integrated finger switch. Refer to the Instructions for Use section of this manual for the corresponding voltage levels for each Ablation setting.

##### 8. LCD Display Window

This display indicates the output level for ablation, timer value, output level for coagulation, or temperature alarm setting. Nominal settings will automatically be displayed when the System is powered up with a Wand attached or when a new Wand is connected. When the Controller is turned on, and prior to connection of a Wand, this display will show "Connect Wand".

Vyr. vadybininkas  
Audeta Radvilaitė  
Kęstutis

1.7.7) Kiekvienas elektrodas turi automatinę 10' galios reguliavimo funkciją saugumui užtikrinti.  
1.6.6. 2.6.6. Kiekvienas elektrodas turi vidinę klasifikacijos 200g, kuris leidžia generatoriui automatiškai pasirinkti galios.

# COBLATION<sup>®</sup> plasma technology

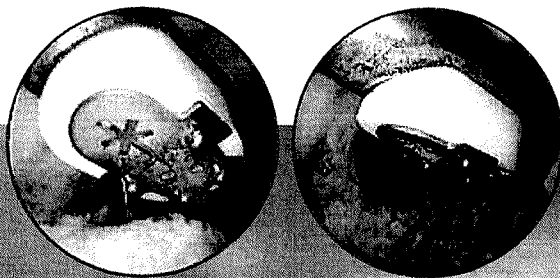
## How COBLATION<sup>®</sup> technology works

The term COBLATION means "controlled ablation." To date, over 6 million procedures have been successfully performed utilizing COBLATION technology to ablate and coagulate tissue.

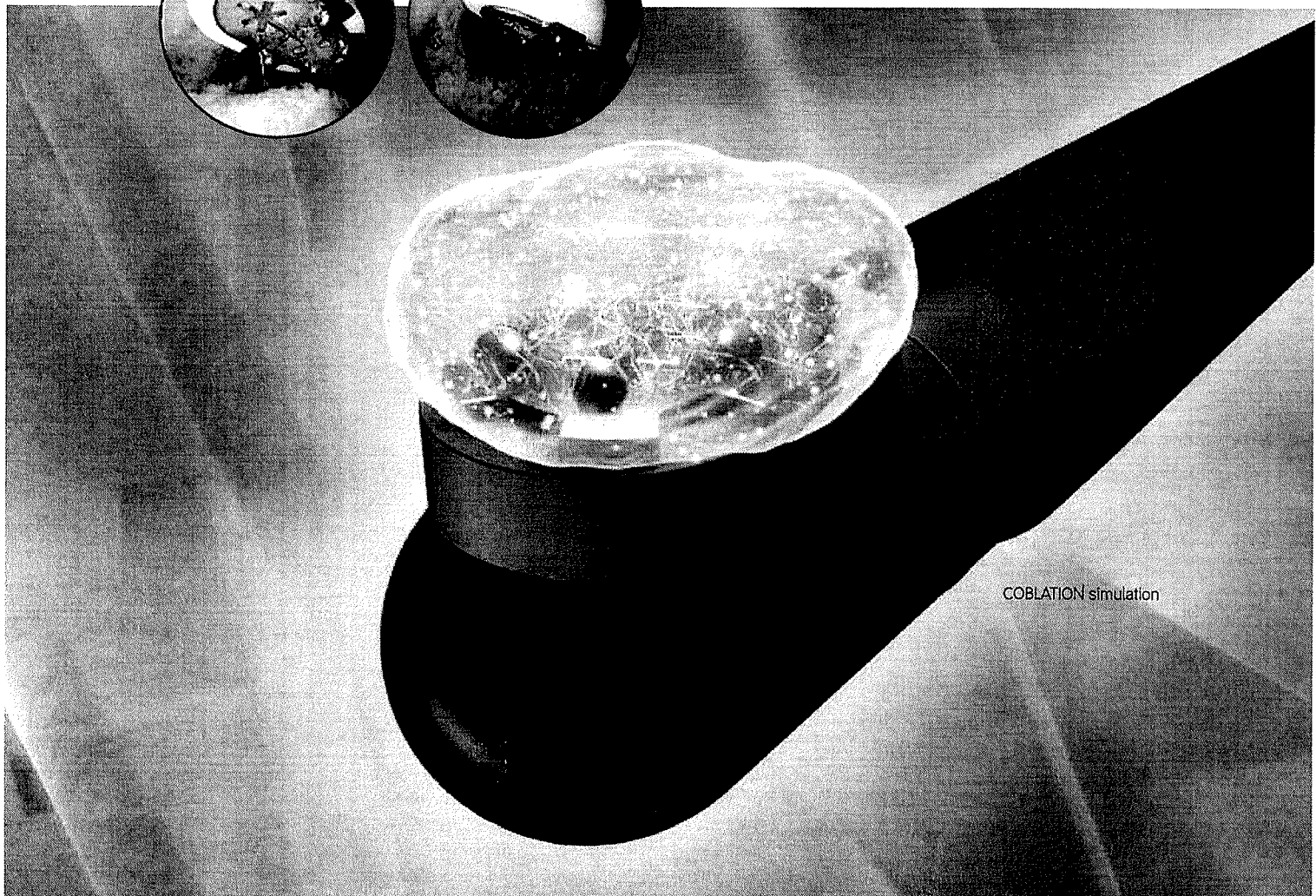
COBLATION involves the creation and application of a high-energy field called "glow discharge plasma." This plasma ablates tissue through a chemical process as highly energized particles in the plasma break down molecules in the tissue. COBLATION technology provides two distinct advantages to the surgeon:

- COBLATION operates at lower temperatures than other RF based technologies
- The 100µm – 200µm plasma field allows for precise removal of soft tissue with minimal damage to untargeted tissue.

Plazmas paprindis  
Koblacijs



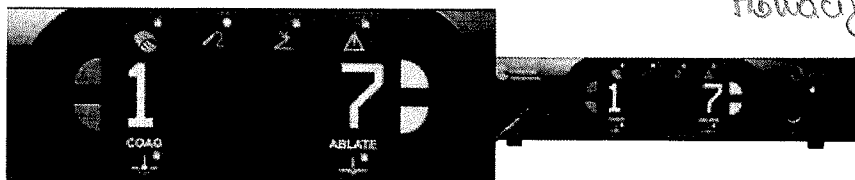
ACL debridement with AMBIENT<sup>™</sup> MEGAVAC<sup>®</sup> 90



# QUANTUM<sup>◇</sup> 2 COBLATION<sup>◇</sup> System

## QUANTUM<sup>◇</sup> 2 operating modes

Smith & Nephew COBLATION products are designed to operate in ablation and coagulation modes, which result in different tissue effects.



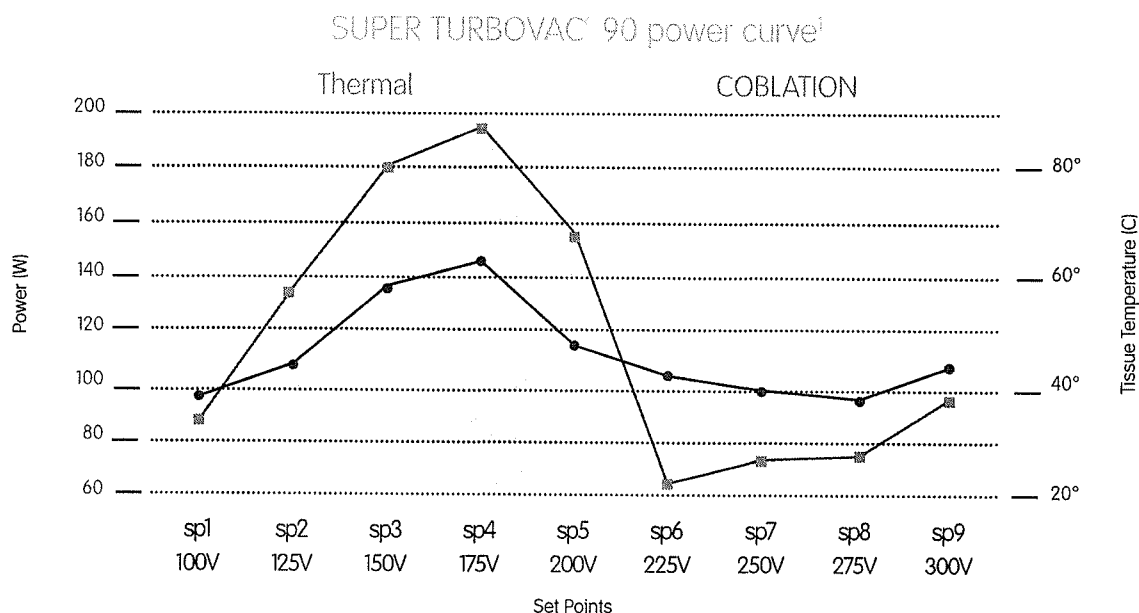
*Abļācija ū koagulācija*  
1. 3. 3.  
2. 3. 3.

*Koagulācija*

*Ablation mode Abļācijas režīms*

*Abļācija* 1. 3. 3.  
2. 3. 3.

As the Controller settings increase from 1 to 9 in the ablation mode, the performance of the Wands transitions from a thermal effect to ablative effect through the creation and intensity of plasma. When the Controller setting increases, the plasma field increases in size, and power decreases accordingly.



## Coagulation mode *Koagulācijas režīms*

All COBLATION Wands can operate in coag mode for hemostasis. At lower settings with minimal formation of plasma and its insulation, the current flows through the tissue. Blood vessels within the tissue are coagulated, stopping their bleeding during a surgical procedure.

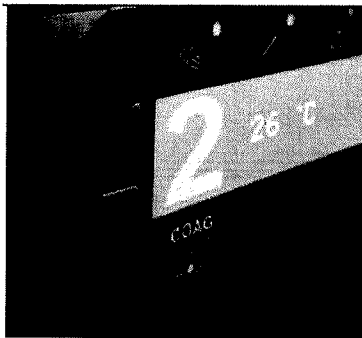
# Efficient ablation, intelligent features

The QUANTUM<sup>®</sup> 2 Controller is the most dynamic COBLATION<sup>®</sup> generator platform we've created. When paired with our COBLATION Wands, the QUANTUM 2 Controller delivers state-of-the-art performance for fast, efficient procedures.

## Reguliuojama koaguliacija

### Adjustable coagulation

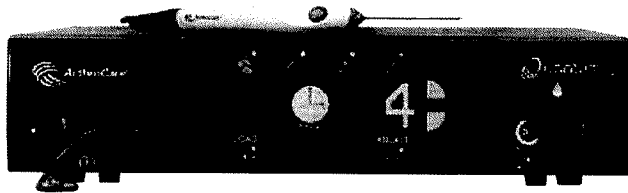
Enhanced coagulation mode improves visualization when tough bleeders are encountered.



ERKONOMAS, NODANTIS KOAGULIACIJOS IR  
ABLACIJOS PARAMETRUS, INTRESGIAVINUS  
STIPRYSIU TEMPERATŪRĄ IR LAIKY PRONESIŲ

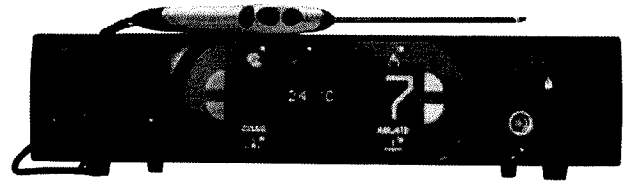
## Integrated TOPAZ<sup>®</sup> timer

When using TOPAZ devices, the QUANTUM 2 Controller defaults to the recommended set point and timer settings.



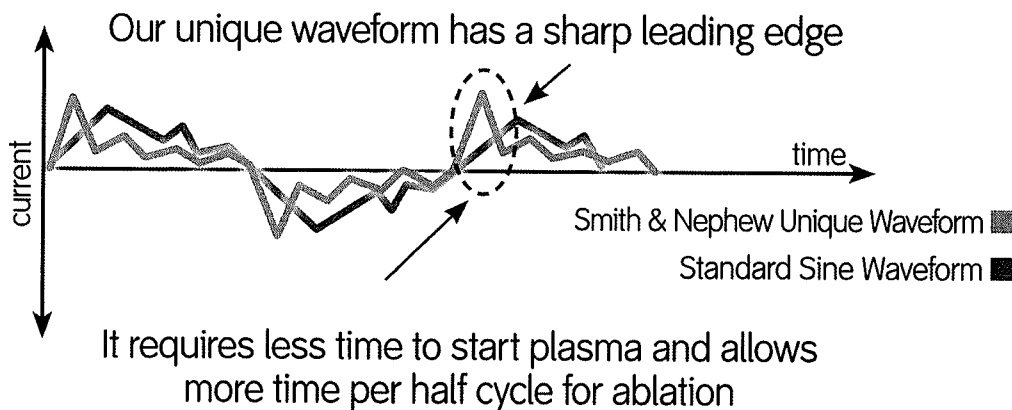
## AMBIENT<sup>®</sup> Technology

Smith & Nephew has the only arthroscopic system that offers real-time temperature monitoring of the intra-articular fluid. The temperature of the fluid is continuously displayed on the LCD screen of the Controller. When the temperature within the joint space exceeds the user-selected set point, the Controller will emit visual and audible alarms, providing direct feedback to the surgeon.



## Unique waveform

Smith & Nephew Controllers use a unique waveform that delivers fast ablation speed. The waveform has a sharp leading edge that requires less time to generate plasma and therefore allows more time for active ablation.



## Controller output

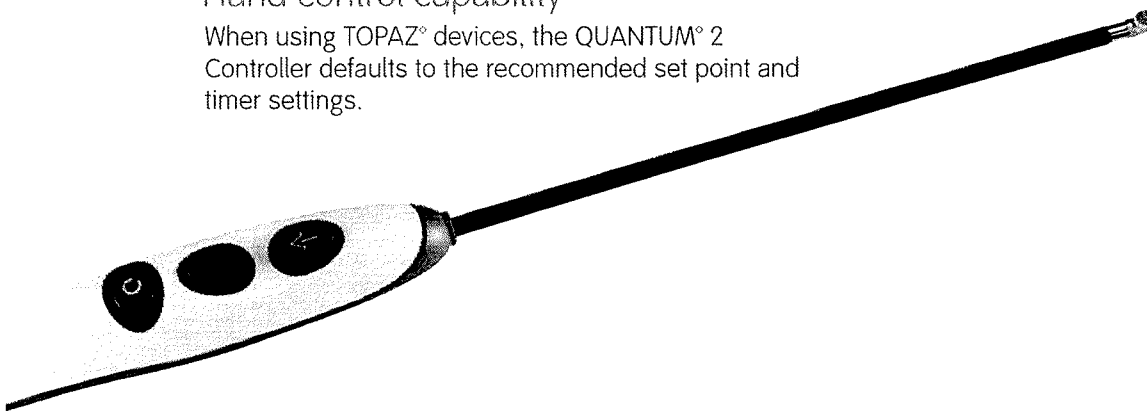
Smith & Nephew Controllers use a unique radiofrequency (RF) output which allows them to deliver the correct amount of power to create plasma. Energy delivery is optimized to provide fast and effective plasma formation while minimizing the dissipation of thermal energy in the joint.

## Scope safety feature

The QUANTUM<sup>®</sup> 2 Controller includes proprietary circuits that continuously monitor the energy and automatically suspend the output when there is a spike in current, such as when the Wands are in close proximity to, or contact metal.

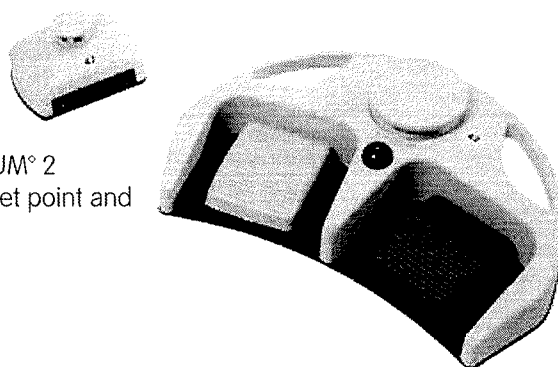
### Hand control capability

When using TOPAZ® devices, the QUANTUM® 2 Controller defaults to the recommended set point and timer settings.



### Wireless foot switch








When using TOPAZ® devices, the QUANTUM® 2 Controller defaults to the recommended set point and timer settings.



Plazmos pagrindu veikiančys bipoliniai elektrodai -  
posinintimui!

## COBLATION<sup>®</sup> Wand collection

Introducing the COBLATION Wand collection; featuring an assortment of tip angles and electrode designs for precise access to soft tissue. The variety of electrode configurations offers both sculpting abilities and volumetric removal when bulk debridement is necessary. AMBIENT<sup>®</sup> Technology provides reliable, accurate temperature feedback measurements of the circulating fluid for informed procedures.

Hip arthroscopy	
AMBIENT HIPVAC <sup>®</sup> 50	
	<ul style="list-style-type: none"> <li>• Raised electrodes for efficient ablation</li> <li>• 50° tip and rigid shaft facilitate access to hip anatomy</li> <li>• Ambient technology provides real-time temperature feedback</li> </ul>
SIDEWINDER <sup>®</sup> Blade	
	<ul style="list-style-type: none"> <li>• Articulating rotating shaft up to 100° allows unparalleled access to the hip joint</li> <li>• Robust shaft and ergonomic handle optimized for hip arthroscopy</li> <li>• Slim shaft compatible with 5.5mm cannula</li> </ul>
MULTIVAC <sup>®</sup> 50 XL	
	<ul style="list-style-type: none"> <li>• 50° angle and multiple suction ports allow efficient ablation and suction for hip arthroscopy</li> <li>• Uniquely designed long shaft length for greater access to the hip joint</li> </ul>
TURBOVAC <sup>®</sup> 90 XL	
	<ul style="list-style-type: none"> <li>• 90° angle and multiple suction ports allow efficient ablation and suction for hip arthroscopy</li> <li>• Uniquely designed long shaft length for greater access to the hip joint</li> <li>• Slim shaft compatible with 5.5mm cannula</li> </ul>
SABER <sup>®</sup> Wand	
	<ul style="list-style-type: none"> <li>• A single hook electrode designed to simultaneously cut and coagulate the hip capsule</li> <li>• Effective for focused incisions around sensitive tissue structures in the hip</li> <li>• Eliminates sharp edges in the joint</li> </ul>
Shoulder arthroscopy	
AMBIENT SUPER TURBOVAC 90 Wand	
	<ul style="list-style-type: none"> <li>• Recognized screen shape and profile for bulk debridement</li> <li>• 90° angle and multiple suction ports allow efficient ablation and suction</li> <li>• Ambient technology provides real-time temperature feedback</li> </ul>
AMBIENT MEGAVAC <sup>®</sup> 90	
	<ul style="list-style-type: none"> <li>• Mega-sized electrode design for aggressive ablation speed</li> <li>• Large single-aperture suction port for swift removal of bubbles and debris</li> <li>• Ambient technology provides real-time temperature feedback</li> </ul>

✓

PETIES 1

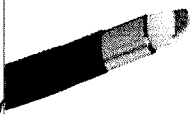
90° kampu lenktas, su atsuisbinio funkcija

funkcija



## Shoulder arthroscopy (cont.)

### COVATOR® 20



- Single blade electrode for efficient separation of soft tissue from other structures
- 20° angled tip resects and ablates tissue while contouring tissue edges

## Knee arthroscopy

### AMBIENT® COVAC® 50 and 70



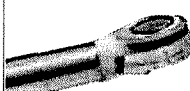
- Wire electrode design for versatility in the knee
- Slim shaft and tip angles provide excellent access and precise resection of tissue
- Ambient technology provides real-time temperature feedback

### AMBIENT SUPER MULTIVAC® 50



- Flat electrode design provides precise tissue removal
- Slim shaft and 50 degree tip is uniquely designed to provide access to compact knee anatomy
- Ambient technology provides real-time temperature feedback

### PARAGON® T2 (Chondroplasty)



- Uniquely designed to offer focused removal of articular cartilage
- Tip geometry is well suited for the contours of the femoral chondyle, tibial plateau, and patella
- T2 technology provides a visual indicator of local temperature and changes color

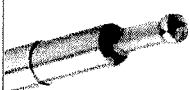
### MENIVAC® 45 (Meniscectomy)



- Resects and ablates meniscal tissue while contouring tissue edges
- 15° beveled tip ablates tissue, limiting the need to reposition the Wand
- Slim shaft facilitates access and visualization during knee arthroscopy

## Tendon debridement

### TOPAZ® MicroDebrider



- Quick, simple, minimally invasive alternative
- Slim tip design facilitates access to target tissue
- Single application protocol

## Small joint

### Short Bevel 35 and MICROBLATOR® 30

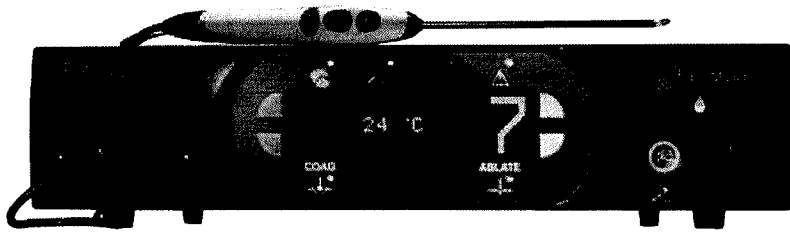


- Specifically designed for arthroscopic applications in the wrist, ankle and elbow
- Small diameter and short shafts designed for optimal control and maneuverability

1.8.8. Dabbin's dories  
diametros neo 3,75-4mm.

1.8.8. Lenktumaz 90°  
2.7.7. Lenktumaz 35 ve 30°

## COBLATION® Wand selection chart



Meniscectomy	Lateral Release	ACL/PCL Debridements	Articular Cartilage Debridement

1.8.8. Dabbin's dories diametros  
2.7.7.

		Recommended Set Points					7	6-8	7-9	6-8	7-9	7	6-8	7-9	7	6-8	7-9	
Suction	Reference #		COBLATION Wand	Shaft Size	Angle	5.5mm Cannula <sup>2</sup>	Knee											
	Non-ICW <sup>1</sup>	ICW <sup>1</sup>																
Suction	1. ✓	ASC4251-01	STARVAC® 90	3.75mm	90°	X										■		
		ASHA4250-01	AMBIENT® SUPER TURBOVAC® 90 IFS	3.75mm	90°											■		
	1. ✓	ASH4250-01	SUPER TURBOVAC 90 IFS	3.75mm	90°	X										■		
		ASC4250-01	SUPER TURBOVAC 90	3.75mm	90°	X										■		
		ASHA4830-01	AMBIENT SUPER MULTIVAC® 50 IFS	3.75mm	50°		■					■				■		
		ASH4830-01	SUPER MULTIVAC 50 IFS	3.75mm	50°		■					■				■		
		ASC4830-01	SUPER MULTIVAC 50	3.75mm	50°		■					■				■		
	1. ✓	ASCA5001-01	AMBIENT MEGAVAC® 90	4.20mm	90°	X										■		
		ASHA2530-01	AMBIENT COVAC® 50 IFS	3.00mm	50°				■									■
		ASC2530-01	COVAC 50	3.00mm	50°				■									■
		ASHA3730-01	AMBIENT COVAC 70 IFS	3.00mm	70°				■									
		ASC3730-01	COVAC 70	3.00mm	70°				■									
	ASC4630-01	TRISTAR® 50	3.00mm	50°	X			■										
Hip		ASHA4730-01	AMBIENT HIPVAC® 50 IFS	4.7mm	50°													
		ASC1336-01	TURBOVAC® 90 XL	3.75mm	90°	X												
		ASC4730-01	MULTIVAC 50 XL	3.75mm	50°	X												
		AC2340-01	SIDEWINDER® BLADE	2.7mm	55°													
Right Angle	A1325-01		RIGHT ANGLE 90	2.5mm	90°											■		■
		AC1340-01	RIGHT ANGLE 90	3.5mm	90°											■		■
		AC1336-01	LOPRO® 90	3.6mm	90°	X										■		
		AC1345-01	ELIMINATOR® 90	4.5mm	90°	X										■		
Tendon		ACH4040-01	TOPAZ® MICRODEBRIDER IFS	0.8mm	0°													
		AC4040-01/ Q6000-01	TOPAZ MICRODEBRIDER	0.8mm	0°													
		ACH4045-01	TOPAZ MICRODEBRIDER XL IFS	0.8mm	15°	X												
		AC4045-01	TOPAZ MICRODEBRIDER XL	0.8mm	15°	X												
		Q6002-01	TOPAZ EPF MICRODEBRIDER	0.8mm	45°													
		Q6003-01	TOPAZ EPF CANNULA SYSTEM															
Cutting		AC4330-01	SABER® 30	3.0mm	30°											■		
	A4300-01		STRAIGHT SABER	3.0mm	0°	X										■		
		AC4340-01	COVATOR® 20	3.3mm	20°	X												
Bevel		AC2430-01	BEVEL 45	3.0mm	45°	X			■									■
	A2530-01		BEVEL 60	3.0mm	60°				■									
	A2630-01		BEVEL 30	3.0mm	30°	X			■									
Dome		AC3525-01	DOMO 60	2.5mm	60°				■									
	A3625-01		DOMO 30	2.5mm	30°	X			■							■		
Meniscus & Articular Cartilage		ASC5500-01	MENIVAC® 45	3.0mm	45°	X			■									
		AC5531-01	PARAGON T2	2.3mm	15°	X												■
Coagulation	A1720-01		MICRO CAPS® *	2.0mm	0°	X												
Small Joint	2. ✓	AC1830-01	CAPSURE® 30 * ◇	3.0mm	30°	X												
	2. ✓	AC2823-01	SHORT BEVEL 35	2.3mm	35°													
		AC4050-01	MICROBLATOR® 30	1.4mm	30°													

<sup>1</sup> Integrated Cable Wand (ICW)

<sup>2</sup> Ensure Wand fits through cannula prior to use

Compatible with ATLAS®, QUANTUM and QUANTUM 2 Systems

QUANTUM 2 System ONLY

QUANTUM and QUANTUM 2 Systems ONLY

Recommended

◇ Not Recommended for ankle or wrist use

\* For use with Bending Tool (H2000-20)

[illegible]