



Ambient[®] ArthroWand[®] CoVac[®] 50 and 70

It's cool to know

Temperature Feedback for Intelligent Arthroscopy

Introducing the new class of bipolar radiofrequency devices from ArthroCare[®] Sports Medicine. Ambient CoVac ArthroWand devices are designed to provide accurate, real-time temperature measurements of the operative environment. When paired together, the Quantum[™] 2 System and Ambient thermocouple technology allow the surgeon to effectively monitor current temperature measurements of the arthroscopic irrigating fluid. The easy-to-use, synergistic system provides you with the information to help to ensure your procedure is proceeding as planned.

Ambient CoVac Features

Ambient CoVac 50 and 70 are part of the ArthroWand portfolio of uniquely designed knee arthroscopy devices. These general, multi-purpose knee wands feature a wire electrode configuration, 50° and 70° shaft angles and beveled tips for superior versatility in the knee.

Ambient CoVac 70

Ambient CoVac 50



Ambient CoVac 70



Ambient CoVac 50

- Thermocouple technology allows for accurate temperature feedback (+/- 3° C)
- Warning alarm sounds and visual indicators occur when fluid temperature exceeds user-selected alarm set point
- Integrated Finger Switches (IFS) deliver power and control at the push of a button
- Effortless assembly with the Quantum 2 System
- Compatible with Quantum 2 System ONLY

Ambient Assembly Instructions

1 Connect Ambient Wand

After powering the Quantum 2 System Controller, connect the Ambient Wand.



2 Adjust alarm set point

Temperature setting can be altered by manipulating the buttons on either side of the arrows.



3 Activate Wand

The Quantum 2 System Controller automatically displays the real-time, operative environment temperature. Audio and visual alarm indicators will activate if the temperature of the irrigating fluid exceeds the alarm set point.



Technical Specifications for Ambient CoVac 50 and 70

ArthroWand	Ambient CoVac 50	Ambient CoVac 70
Catalog Number:	ASHA2530-01	ASHA3730-01
Controller:	Quantum 2 System ONLY	
Cable:	Integrated Cable Wand (ICW)	
Tip Diameter (max):	4.0mm	
Shaft Size:	3.0mm	
Angle:	50°	70°
Default Controller Settings:	7	
Intended Use:	Ablation, Resection, and Coagulation	
Electrodes:	Metal Wire: 2	
Temperature Range:	20°C-60°C	
Temperature Accuracy:	+/- 3°C	

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician.

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