



# Ambient™ ArthroWand® Super MultiVac® 50

## It's cool to know

### Temperature Feedback for Intelligent Arthroscopy

Introducing the new class of bipolar radiofrequency devices from ArthroCare® Sports Medicine. The Ambient Super MultiVac 50 is the first Wand designed to provide accurate, real-time temperature measurements of the circulating fluid. When paired together, the Quantum™ 2 System and Ambient thermocouple technology allow the surgeon to effectively view current temperature measurements of the arthroscopic irrigating fluid in the joint space. The easy-to-use, synergistic system provides you with the information you need to ensure your procedure is proceeding as planned.



Ambient  
Super MultiVac 50  
Screen

### Ambient Super MultiVac 50 Features

- Thermocouple technology allows for accurate temperature feedback ( $\pm 3^{\circ}\text{C}$ )
- Warning alarm sounds and visual indicators occur when irrigating 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 irrigating fluid temperature exceeds the alarm set point.



## Technical Specifications for Ambient Super MultiVac 50

ArthroWand	Ambient Super MultiVac 50
Catalog Number:	ASHA4830-01
Controller:	Quantum 2 System ONLY
Cable:	Integrated Cable Wand (ICW)
Tip Diameter (max):	3.0mm
Shaft Size:	3.75mm
Angle:	50 degree
Recommended Controller Settings:	7-9
Intended Use:	Ablation, Resection, and Coagulation
Electrodes:	Tungsten Screen Electrode
Temperature Range:	20°C-60°C
Temperature Accuracy:	+/- 3°C



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

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