EverBridge

# V-CURE®

## Radiofrequency Ablation System




THE LATEST GENERATION VARICOSE VEIN
RF ABLATION SYSTEM

ESONANT
MEDICAL TECHNOLOGY

# V-CURE® Radio Frequency Ablation System

## Intended Use

The Genesis-V01 Radio-frequency Ablation Generator is used with the V-Cure catheter to control, measure, and display RF output power and catheter treatment temperature, and elapsed time of RF delivery. The generator is intended for treating varicose veins.

The V-Cure® Radio Frequency Ablation Catheter is intended for chronic venous insufficiency also known as lower limb varicose vein.

## Operation Principle

The Genesis-V01 generator delivers controlled RF power to the accompanying V-Cure catheter that is inserted into human vessels during treatment. During treatment the generator monitors the temperature, impedance, voltage, and power at the V-Cure catheter, and at the same time regulates power delivery based on its treatment algorithm to create desired treatment effects on the target vessel.

## Features

- Proprietary sensing technology assures rapid and uniform heating
- Proven clinical efficacy – new generation technology with certainty
- Catheter tip lighting visible in the vein
- One-button control easy and reliable
- Treatment temperature adjustable to accommodate patient variations
- Continuous feedback control on temperature and power

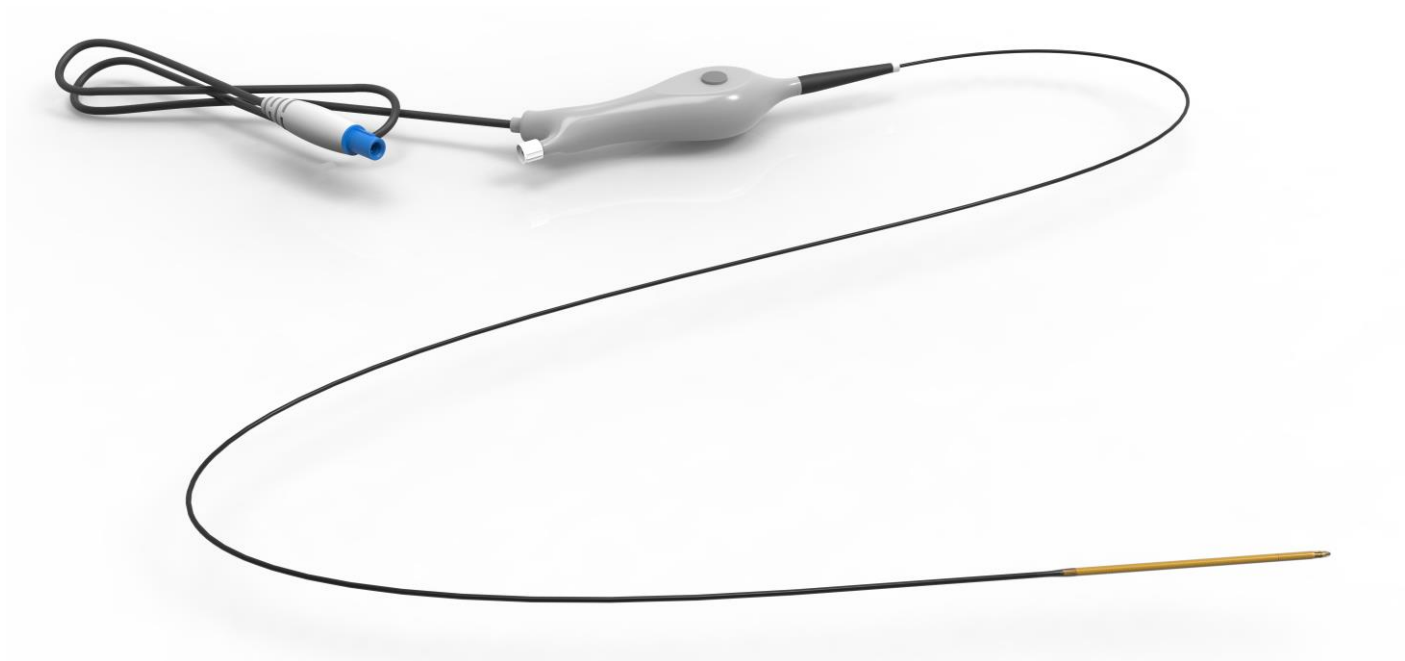
## Genesis-V01 Generator Specifications

| | |
|---|---|
| Input Power Voltage | AC 220V |
| Input Power Frequency | 50/60Hz |
| Maximum Input Power | 300VA |
| Output RF Frequency | 400kHz |
| Output RF Power | 140W |
| Measuring Temperature | 0℃-120℃ |




## V-Cure Catheter Specifications

| Model | VC77100Y | VC7760Y | VC77100N | VC7760N |
|---|---|---|---|---|
| Heating element length | 7cm | | | |
| Diameter | 2.3mm | | | |
| Introducer Sheath | 7F | | | |
| Maximum Power | 40W | | | |
| Compatible RF Generator | Genesis-V01 | | | |
| Effective length | 100cm | 60cm | 100cm | 60cm |
| Features | With LED at catheter end | | Without LED at catheter end | |



# V-CURE ® Radio Frequency Ablation System

Please refer to Genesis-V01 Generator ’s Manual and the V-Cure ® catheter Directions for Use for complete instructions, warnings, and precautions.

**Resonant Medical Technology Inc.**
W-G4,999, Quijia Road, Suzhou City, Jiangsu, China
Web: www.resonantsurgical.com
Tel:86-512-36882725
E-mail: contact@resonantsurgical.com