

USS-G1

Ultracision Harmonic Scalpel System



Product Introduction

- Ultrasonic Surgical System is widely applied in soft tissue surgery and minimally invasive surgery.
- Sharp cutting and quick coagulation with less lateral thermal tissue damage and blood loss.
- No electricity passing through the patient's body during surgery; it can be applied on patients who wear cardiac pacemakers.

Features & Benefits

- Maximum Continuous Trigger Time: 15 seconds.
- Double Coating Blade.
- Multi-function: Hemostasis, Cutting, Dissection
- High-performance compression energy.
- Auto record trigger times in system and display on touch control monitor.
- Pluggable function, which means plug in or out generator without power off

Technical Specifications

Components & Description	Quantity
1. Blade and Shaft Blade Material: Titanium Alloy, Nanometer Double Coating, Curved Shaft Length: 14cm, 23cm Frequency: 55.5kHz $\pm$ 2kHz Continuous Trigger Time (Max): 15 seconds Sealed Vessel Diameter (Max): 5mm	1 unit
2. Generator	1 unit

Tissue Auto-adaption
Pluggable Function
System Booting Time: 8 seconds
Toning Time: 3 seconds
Mains Voltage and frequency: 220V, 50Hz
Max. Power Consumption: 150W
Output Frequency: 55.5kHz $\pm$ 2kHz

Appearance of Generator



Appearance of Handle



Application



Cut by ultrasonic blade

V.S

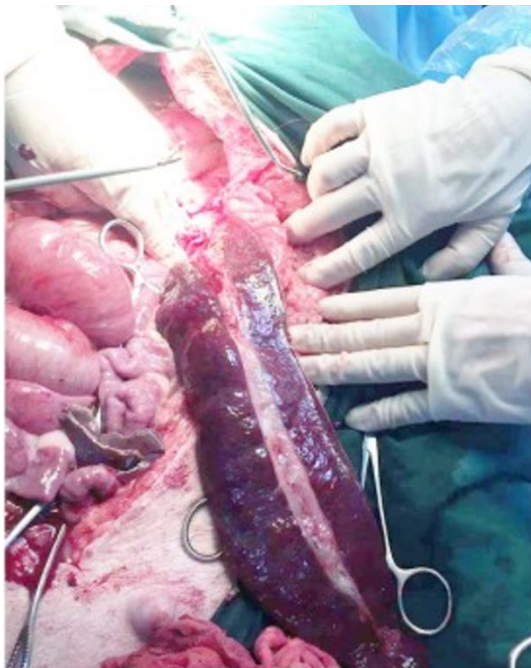


Cut by electrical blade

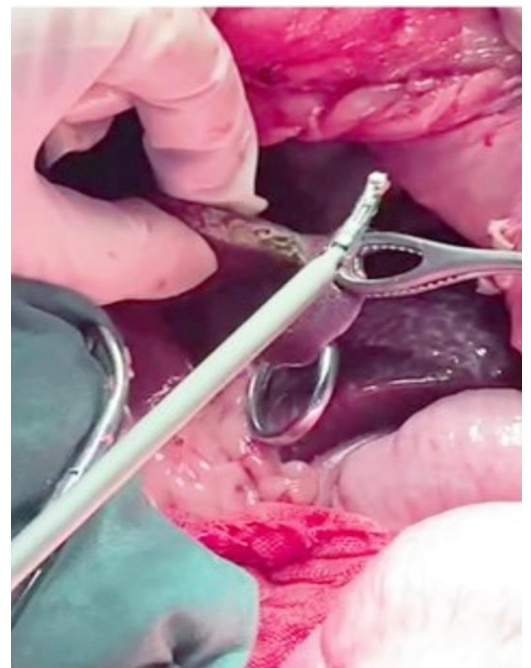
Less lateral thermal damage
Less incrustation
Quick heal
No smoke interference during the operation



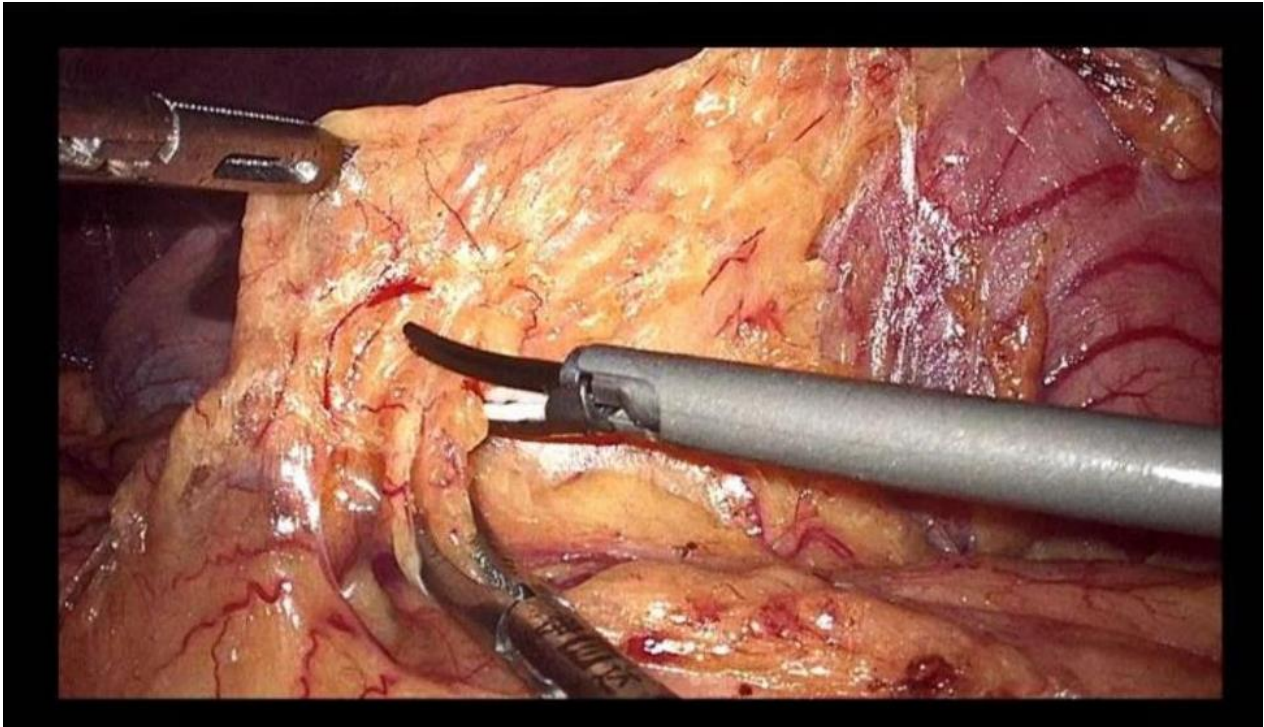
Broad ligament of Uterus



Spleen Dissociation



Hepatectomy



Minimally Invasive Surgery