

ESU-P200 Intelligent Electrosurgical Platform (With Vessel Sealing System)



Introduction

-The Intelligent Electrosurgical Generator with Vessel Sealing System is specially designed for the modern animal operating room. It combines high-frequency electrosurgical equipment and vessel sealing system into one.

-Applicable Surgeries: Head and Neck, ENT, Hepatobiliary, Mammary, Urological, Thoracic Radical, Gastrointestinal Radical, Minimally Invasive, Sterilization Procedures

Features

Intelligent Energy Management

Proprietary algorithms auto-adjust energy output and large vessel sealing based on tissue characteristics, improves precision, minimizes intraoperative damage/complications.

Efficient Bipolar Mode

Standard Mode: Compatible with most devices, stable energy output.

Intelligent Mode: Auto adjusts voltage/power for fast cut/coag.

Multifunctional Integration

Supports various surgical instruments for long-term ROI.

Future upgrades: Expandable to ultrasonic scalpel/knife functions via HQS Vet platform.

Optimized Large Vessel Sealing

Compatible with sealing systems; intelligent algorithms ensure precise energy/pressure control for rapid, permanent closure.

Safe Return Electrode Monitoring System

Real-time negative plate contact check prevents current spikes, reducing burn risks.
Auto-shuts down if pad detaches or contacts poorly.

Interactive Touchscreen

High-Resolution Touchscreen Interface, allows fast setting and monitoring.

Technical Specifications

PARAMETER	SPECIFICATION
Power Input	AC 220V / 50Hz
Peak Power	200W
Dia. of Sealing Vessels	≤7mm
Type of Electrode	Multi-brand Compatibility
Weight of Generator	9.5kg
Dimensions	500mm*420mm*170mm
Working Modes	7 Monopolar Modes 4 Electrocision Modes: Pure Cut, Blend 1, Blend 2, Blend 3 3 Electrocoagulation Modes: Soft Coag, Spot Coag, Surface Coag
	2 Bipolar Modes Standard Mode, Intelligent Mode
	2 Intelligent Vessel Sealing Modes Manual Mode, Intelligent Mode
Standard Configuration	Main Generator 1 Electrosurgical Pencil 2 Silver-nickel alloy Bipolar Forceps 1 Foot Pedal 1 Power Cord 1 Reusable Negative Plate 1 Negative Plate Connecting Line 1 Monopolar Knife-shaped Electrode 4 Monopolar Spherical Electrode 4 Monopolar Annular Electrode 4 Monopolar Needle Electrode 4 Large-vessel Sealing Instrument (3 types for choice) 1
Optional	1. Mobile Trolley 2. Negative Sticks 10mm 3. Negative Sticks 4mm