

SKANRAY TECHNOLOGIES LIMITED

Regd Office & Technology Division:
15-17, Hebbal Industrial Area, Mysore-570 016, Karnataka, INDIA, Tel: +91 821 2415559

Healthcare Division:
Plot #360, KIADB Industrial Area, Hebbal, Mysore - 570018, Karnataka, INDIA. Ph: +91 821 2407000

Customer Interaction Centre:
Toll Free No.: 1800-425-7002 | email: cic@skanray.com/enquiry@skanray.com | website: www.skanray.com



Skanray continuously upgrades its technology, performance and safety features. Pictures and specifications featured in this catalogue are only indicative. Please refer to the commercial offer document for specifications and performance.

surgiSKAN 200

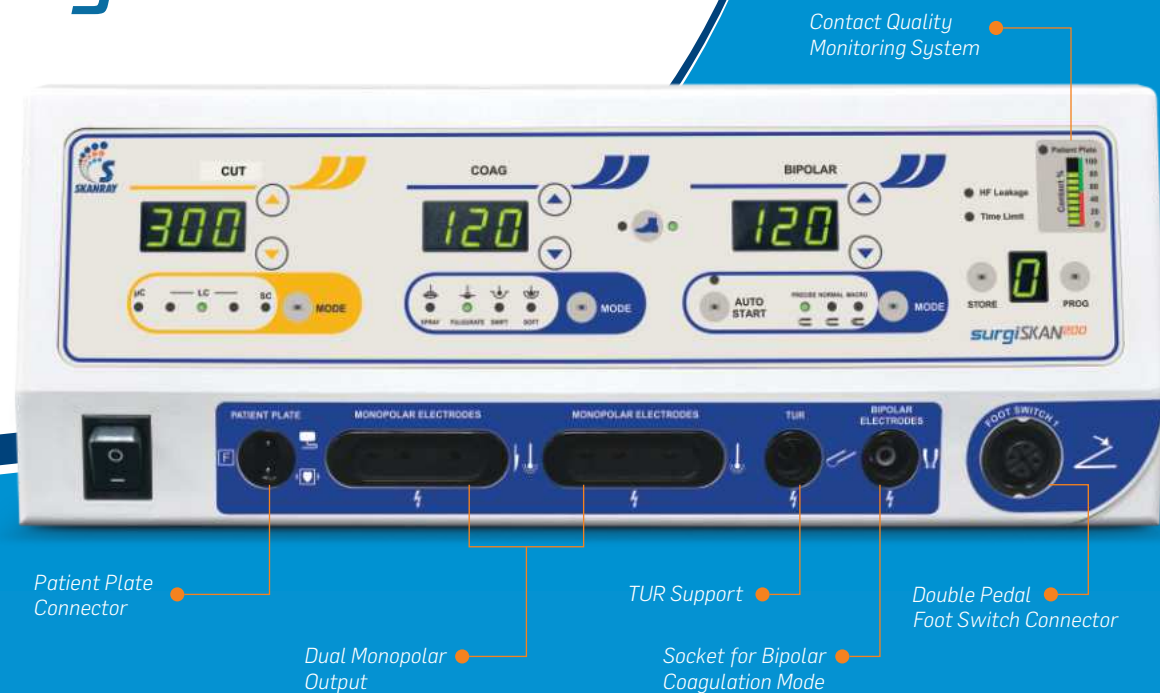
Electro Surgical Unit



Surgical Diathermy with Smart Feedback System

Surgical Applications:

Cardiac | General Surgery | Neurology | Oncology | Orthopaedic | Urology

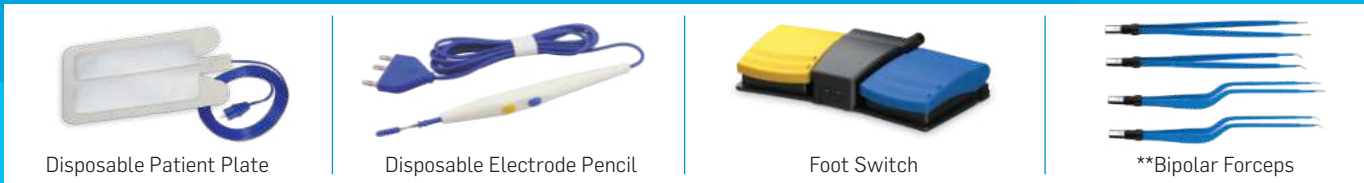


Features

- Auto Cut-Off**
Automatic activation of cutoff after 90 seconds of continuous usage ensures absolute patient safety. On re-activation delivery resumes.
- Dual Monopolar Output**
Independent foot switch and hand electrode control for simultaneous activation of two monopolar coagulation outputs enabling its usage in procedures involving two surgeons.
- Bipolar Autostart**
Delivers power on electrode-tissue contact. Eliminates need of surgeon to activate power delivery through foot switch.
- Contact Monitoring**
Monitors and displays the quality of patient plate contact and reduces the occurrences of accidental burns. Cuts power delivery when the contact is low.

- Surgical Settings**
Features 4 user-definable surgery specific programs as a quick select-and-start function. It also reduces familiarization time needed for new users.
- Air Activation Protection**
Activation without contact with tissue is detected and power delivery is restricted. Delivery resumes on contact with tissue .
- Arbitrary Spray Coagulation**
Delivers quick non-contact coagulation over large surface areas by providing multiple paths for electrode spark. Highly effective in procedures involving massive and/or hidden bleeders.

Accessories*

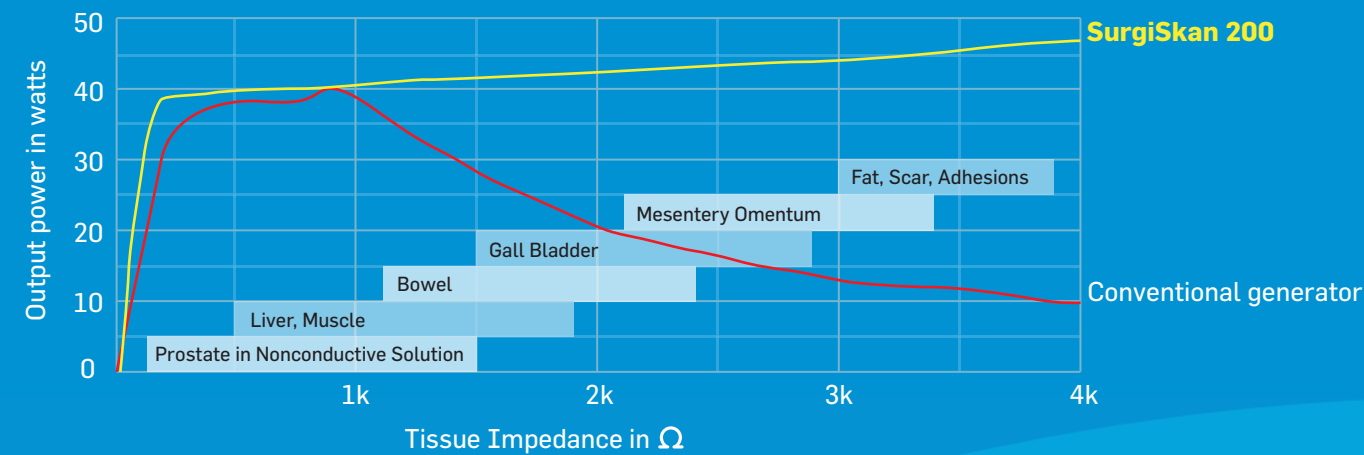


*Accessories shown are for illustrative purpose only and may vary from actual supply.
**Bipolar forceps are not provided as a part of the standard accessory kit.

Smart Feedback System

Ensures unifrom delivery of set power across varying tissue impedances and reduces the need to constantly change power settings.

Power Vs Impedance



Modes of Operation

Monopolar Cut	Monopolar Coagulation	Bipolar Coagulation
Micro: For use on delicate tissues in procedures like ENT and Neuro surgeries. Low: For use on tissues in procedures like Laparoscopy and General surgeries. Super: For use on high impedance tissues in procedures like Orthopaedic, Oncology and TUR.	Spray: For superficial contactless coagulation over large surface areas. Fulgurate: For targeted superficial contact less coagulation. Swift: For deeper level contact coagulation. Soft: For wide range of tissue types across various applications.	Precise: For delicate tissues that require targeted coagulation. Normal: For a wide range of tissue types. Macro Cut: For use on dense tissues that require quick and sharp incisions.

Technical Specification

Output			Safety	
	Mode	Max Output Power (Watt)	Class & Type	Class I & CF with floating reference
Bipolar	Precise	120	Neutral Electrode Monitor	Automatic cut off of power when activated for 90 seconds accompanied by an audio-visual alarm.
	Normal	120	Split Patient Plate Monitor	Effective area of split patient plate in contact with the patient is indicated with a bar graph display. When contact area is less than 50% in the bar graph an audio visual alarm is activated accompanied by an automatic cut-off of power delivery.
	Macro Cut	120 120 300		
Monopolar Cut	Micro	300	Error memory	Storage of last 20 error codes
	Low		Input	
Monopolar Coag	Super			
	Soft	200		
	Swift	200	Input Line Voltage	184 - 264 V~, 50 Hz
	Fulgurate	120	Maximum Power Consumption	750 - 910 VA
	Spray	120		