Rev.02

DOppel RF®

SPECIFICATION — ST-531

Input Power	110/220 VAC, 50/60Hz			
Output Characteristic	**Monopolar**	**Cut**	**Pure**	Max 300W / 1MHz
			Blend	Max 200W / 1MHz
		Coagulation	**Coag**	Max 150W / 1MHz
			Spray	Max 100W / 1MHz
	Bipolar	Max 150W / 1MHz		
Dimensions	**Height**	178.7 cm		
	Width	360 cm		
	Length	380.13 cm		
Weight	< 9.257 Kg			

※ Contents of this catalog may be changed without notice to improve this product.

SOMETECH SINCE 1989
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DOppel RF®

RADIO FREQUENCY SURGICAL DEVICE

LAPAROSCOPIC SURGERY AND OPEN SURGERY

300W/1MHz

Model ST-531

- Present the best convenience at surgery with Impedance control function!
- Superior performance especially at Laparoscopic surgery!
- Providing Laparoscopic surgery accessories!

KFDA

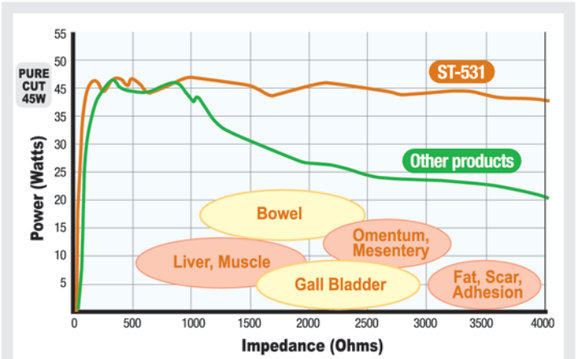
SOMETECH SINCE 1989

RADIO FREQUENCY SURGICAL DEVICE

ST-531

300W 1MHz

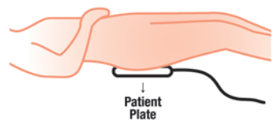
Constant Power Control by Impedance monitoring



It prevents output power from being reduced over the area where impedance is increased. If impedance is increased over tissue, it produces more output power automatically so it makes it possible to maintain proper output power level during the surgery.

Patient plate Monitoring System (Return Electrode Impedance Monitoring)

ST-531 automatically checks for disconnection of the patient plate and if contact between the patient plate and the patient is inadequate, it alarms and stops output power for safety.



Safe and Convenient with 300W

ST-531 covers all surgeries in operation room with safe and convenient device control with 300W.

Various Cutting, Coagulation and Bipolar modes

2 types of cutting mode (Pure cut, Blend cut), 2 types of coagulation mode (Contact, Spray) and bipolar mode is available and each mode has optimized wave form of radio frequency so it brings the most suitable clinical result in surgery.

Pure cutting and powerful coagulation

ST-531 intelligently performs smooth or powerful coagulation according to situation. Pure cutting without spark and no carbonization is feasible due to our advanced electrosugical instruments.

Spray coagulation function

Spray coagulation function provides faster coagulation and stable clinical results. It accurately covers the desired area of the surface so it saves operation time and recovery time backed up by faster hemostasis and coagulation.

Triple foot switch and Hand probe switch

It provides convenient triple switch for cutting and coagulation. Users can also selectively use triple foot switch or Cut / Coag switch on hand probe.
The hand probe is compatible with other types of electrodes available on the market and all types of single use patient plate are also compatible with patient plate cable connected to ST-531.

Compatibility with various patient plates

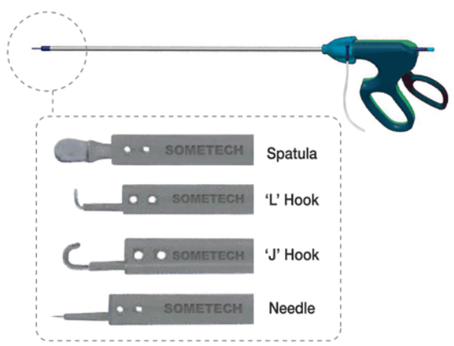
It is compatible with all types of single use patient plate available on the market so it could be used in convenient and economical way.

Touch Screen

8.4" color graphic LCD and touch screen for convenience and easy operation.

ST-531 Accessories

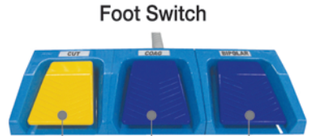
Laparoscopic Suction Electrodes



Electrosurgical Pencil

Patient Plate

Patient Plate Cable

Bipolar Cable

Foot Switch