

FC-TITAN II

Electrosurgical Machine Monopolar/Bipolar



Quality-Reliability-Innovation

The FC-TiTAN II is an advanced electrosurgery equipment for incision and coagulation of the biological tissue through the high frequency current with minimal sticking and carbonization is excellent substitute for mechanical scalpels due to its simple & safe operation, fast tissue incision and blood coagulation. The TiTAN II meets the demands of veterinary medical professionals for accuracy, safety and reliability. The TiTAN II uses proven technology to offer unrivaled ergonomics and handling. The power setting can be selected using the integrated laminar keyboard as well as the types of currents required.

The TiTAN II features a high standard of patient safety, innovative design and application versatility; other notable points remain to be mentioned; different accessories such as surgical pencil, bipolar forceps are standard, cheap and easy to get in the local market and the negative plate is made of silicone, superior quality to the metal ones.

TWO YEARS WARRANTY FOR MANUFACTURING DEFECTS IN THE MAIN UNIT

New generation of technology

The TiTAN II uses a new generation of intelligent tissue density immediate feedback technology. According to the different tissue impedance, the output is intelligently controlled to achieve the minimally invasive tissue cutting effect, which ensures the ideal power output and reduces the thermal damage of the cut tissue.

Functional Self-test

After each power up, the TiTAN II will immediately run a self-test procedure. Once the internal abnormality of the system is found and the self-test fails, the current output will automatically cut off immediately. This ensures that the TiTAN II is always in good working order and performance. During the self-test, it is also checked whether the connected accessories are working normally.



Characteristic

- Large Digital LCD Screen
- Small size, easy to carry, cost-effective
- Mono and bipolar working modes
- 2 output control modes: foot and manual
- Silicone negative plate, superior quality
- Standard accessories, cheap and easy to get
- Automatic boot detection and error warning function

		Power (Watts)	Impedance (ohms)	Frequency (KHz)	Power (Voltage)	Crest Factor	
Monopolar	Cut	Pure Cut	100	500	—	1300	1.8
		Pure Cut 1	100	500	20	1400	2.0
		Pure Cut 2	100	500	20	1300	2.0
	Coagulation	Spray	40	500	12-24	4800	6.3
		Forced	80	500	25	4800	6.2
Bipolar	Standard	80	100	20	700	1.9	

THREE monopolar cutting modes: Pure Cut, Blend 1, Blend 2
 Pure Cut: cut tissue cleanly and precisely without coagulation
 Mix 1 – Used when cutting speed is slightly slow and a small amount of hemostasis is required.
 Mix 2: Compared to mix 1, it is used when the cutting speed is slightly slower and a better hemostatic effect is needed.

TWO monopolar coagulation modes: Forced Coagulation and Spray Coagulation

Forced Coagulation: it is coagulation without contact.
 The output threshold voltage is lower than spray coagulation.
 It is suitable for coagulation in a small area.

Spray Coagulation: high efficiency coagulation without contact surface.
 The depth of coagulation is superficial. The tissue is removed by evaporation. It usually uses a blade or ball electrode for coagulation.

One standard bipolar mode - is suitable for most bipolar applications.

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