



All In One Device

Large Vessel Sealing
Monopolar & Bipolar Cutting & Coagulation

TTEP-200

Veterinary Vessel Sealing System

For veterinary use only

With super functions, cutting & coagulation in monopolar and bipolar, Intelligent vessel sealing, TTEP-200 is suitable for cutting and coagulation of soft tissues in open and laparoscopic surgery on animals, and can safely seal and cut blood vessels of dia. 15mm.

Features

- Up to 50% faster for vessel sealing
- Intelligent electrosurgical sealing and cutting, no need to manually set parameters, one-click intelligent operation
- Automatically stop outputting energy and sound alarm after sealing
- 200W max power, faster speed and higher stability
- 450,000 times/sec feedback algorithm of large blood vessel sealing
- Compatible with LigaSure™ sealer of Covidien
- Power memory function
- Return electrode monitoring system
- Interactive touch screen



Super Functions of One Device

5 Cutting Modes

Pure Rapid complete resection and fine resection of focal tissue

Blend 1 Quickly remove the lesion tissue with less bleeding (70% cutting and 30% coagulation)

Blend 2 Moderate rate resection and coagulation (50% cutting and 50% coagulation)

Blend 3 Slowly remove the tissue with large bleeding (30% cutting and 70% coagulation)

Intelligent Cutting Doctors do not need to manually set parameters, and the tissue adaptive algorithm can automatically identify tissue status, automatically output and adjust parameters, and optimize the cutting speed and coagulation effect in the electrosurgical cutting mode.

3 Monopolar Coagulation Modes

Soft coagulation slowly heats the tissue to increase the depth of heat penetration. It is suitable for deep tissue coagulation with high coagulation stability requirements. Spherical electrodes are usually used.

Spot coagulation the electrode generates sparks, which coagulate tissue through the air, achieving small-scale, precise coagulation of targeted tissue.

Spray coagulation the electrode sparks have a wider sputtering range and a larger coagulated tissue area, suitable for coagulation of a large range of tissues.

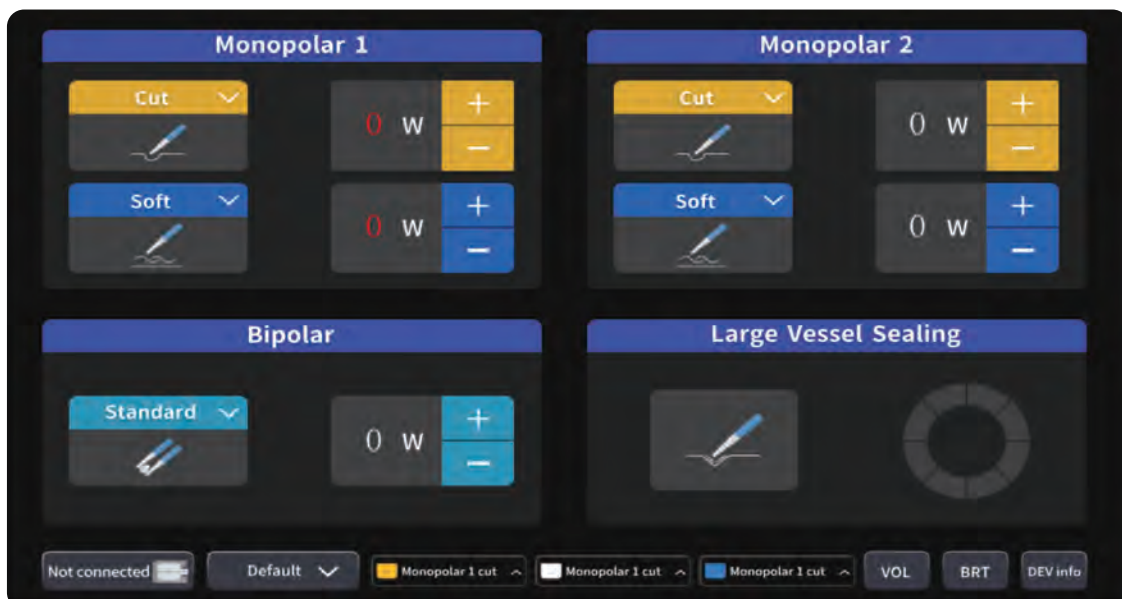
2 Bipolar Modes

Standard Mode It can be used for bipolar scissors, bipolar forceps, etc., and can achieve cutting or coagulation functions with lower thermal damage.

Intelligent More stable and accurate output power control is achieved through intelligent algorithms, which can be used for precise cutting or coagulation.

Intelligent Vessel Sealing System

With non-stick Curved Large Jaw, it can reduce the sealing time of blood vessels by 50% and reduce adhesion, eschar or thermal damage to adjacent tissues.



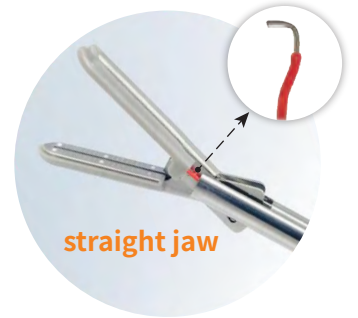


Safely seal and cut blood vessels of dia.15mm

The Vessel Sealers are electro-surgical instruments intended for use in minimally invasive or open surgical procedures where ligation and division of vessels, tissue bundles, and lymphatics is desired. They can be used on vessels (arteries and veins) up to and including 15 mm. They are indicated for use in general surgery and such surgical specialties as urologic, vascular, thoracic, and gynecologic. Procedures may include, but are not limited to, Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, oophorectomy, etc.



curved jaw

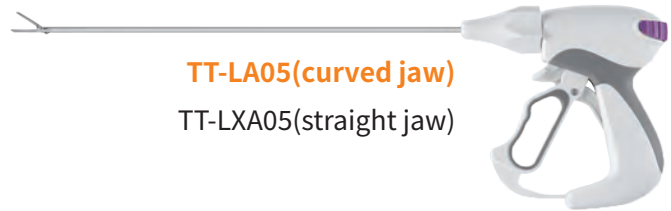


straight jaw

Vessel Sealers Standard sealer: TT-LA05 370mm or TT-LB13



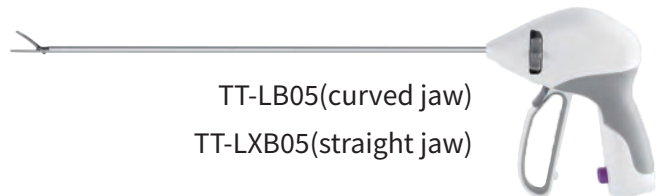
TT-1201



TT-LA05(curved jaw)
TT-LXA05(straight jaw)



TT-LB13



TT-LB05(curved jaw)
TT-LXB05(straight jaw)

Manual Vessel Sealers

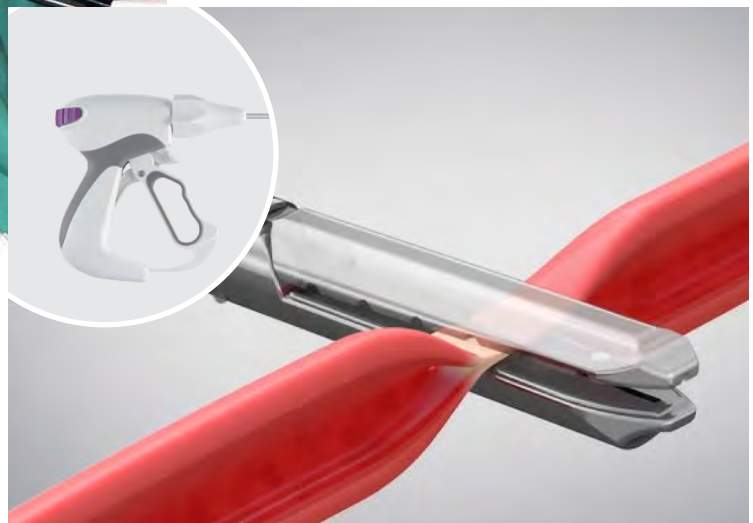
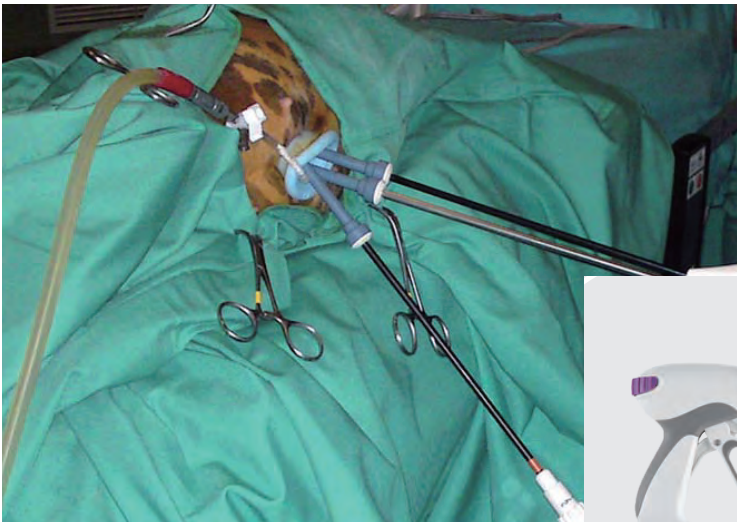
Specifications	Shaft Length mm	Dia.of Shaft mm	Jaw Type
TT-LA05	200/370/440	5	Curved
TT-LB05	230/370/440	5	Curved
TT-LXB05	230/370/440	5	Straight
TT-LXA05	200/370/440	5	Straight
TT-LB13	180		Large jaw
TT-1201	190 whole length		Scissor

Can be purchased according to clinical needs.



Functions and Specifications

Working Mode		Max Output Power (W)	Output Frequency (kHz)	Modulation frequency (kHz)	Voltage Peak (V)	
Monopolar	Cut	Pure	200	\	1300	
		Blend 1	150	450	22.5	2000
		Blend 2	150	450	22.5	2000
		Blend 3	150	450	22.5	2000
		Intelligent	120	450	\	1300
	Coag	Soft Coag	120	450	\	200
		Spot Coag	120	450	56.25	2000
		Spray Coag	120	450	37.5	2000
Bipolar		Standard	100	450	\	350
		Intelligent	50	450	\	350
		Vessel Sealing	200	450	\	350





Patient Return Electrode

The monopolar cutting and coagulation need to be worked with the patient return electrode, the plate or rod, to form a current circuit for safety using.

Standard Negative Plate and Cable

The animal needs to be shaved in advance, and then the shaved area is attached to the negative plate in surgery. It is the recommended way as the safety using.



Reusable Patient Return Electrode Rods (optional)

Dia. 5mm and 10mm for option

During surgery, animals do not need to be shaved.

Pay special attention to safety when using to prevent animals from getting burned.



Configuration

Name	Component Name	Model No	Quantity
TTEP-200	Main Generator	TTEP-200	1
	* Monopolar electric pencil	TTHP401	2
	* Surgical electrode head (knife type)	TTSE401	2
	* Surgical electrode head (ball type)	TTSE201	2
	* Surgical electrode head (needle type)	TTSE101	2
	* Surgical electrode head (ring type)	TTSE301	2
	* bipolar coagulation forceps and cable	TTBF01/TTEC01	1
	* Vessel Sealer (or choose other sealers)	TT-LA05 370mm or TT-LB13	1
	Foot pedal	TTFS003	1
	* Negative plate and cable	TTEC02/03	1

The components with "*" can be purchased separately as demand.