

THE WORLD'S FIRST FULLY-INTEGRATED BIPOLAR AND ULTRASONIC TECHNOLOGY

Rapid cutting and reliable 7 mm vessel sealing from a single surgical instrument.



INTEGRATED BIPOLAR AND ULTRASONIC ENERGY FROM A SINGLE VERSATILE INSTRUMENT

The THUNDERBEAT difference

THUNDERBEAT is the world's FIRST integration of both advanced bipolar and ultrasonic energies, delivered simultaneously from a single, versatile instrument. This integration delivers the widely recognised benefits of each individual energy; the ability to rapidly cut tissue with ultrasonic energy; and the ability to create reliable vessel seals with bipolar energy. THUNDERBEAT features three handle types and four working lengths to meet a variety of surgeons' procedural preferences.

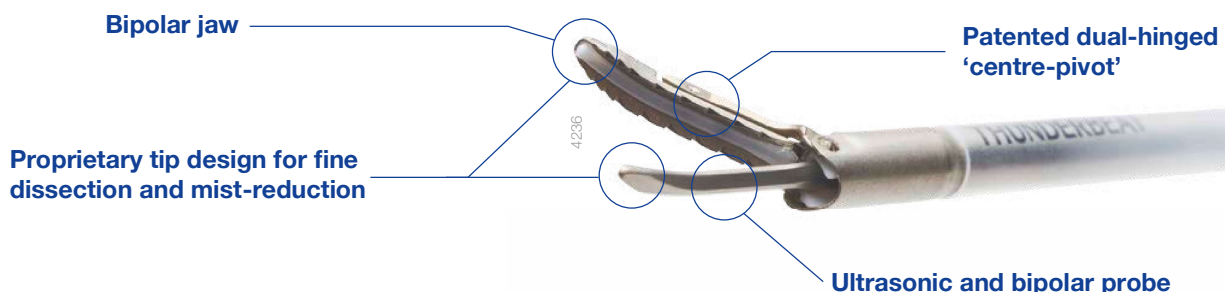
The combination of advanced bipolar and ultrasonic energy in THUNDERBEAT provides unprecedented versatility, including:

- **Reliable 7 mm vessel sealing**
- **Minimal thermal spread**
- **Quickest in-its-class cutting**
- **Reduced mist generation for improved visibility**
- **Fine dissection with fine jaw design**
- **Fewer instrument exchanges**



Revolutionary jaw design

All THUNDERBEAT devices feature a patented centre-pivot jaw design that facilitates fine dissection and generates less mist, improving visibility. This design evenly distributes closing pressures, independent of tissue thickness or type, producing reliable vessel seals and higher grasping and dissecting forces.





4233

Intuitive, easily accessible hand switches

- Intuitive, easily accessible hand switches from various directions allow for stable activation, regardless of hand size or position
- Additional protrusions on 'SEAL' button provide tactile recognition for seamless operational flow



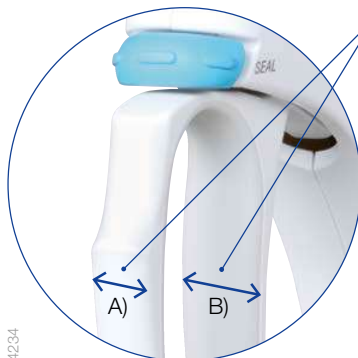
SEAL & CUT

Bipolar energy and ultrasonic energy for reliable vessel sealing and coagulation with simultaneous cutting

SEAL

Advanced bipolar energy for reliable vessel sealing and tissue coagulation without simultaneous cutting

4228



4234

Optimised actuating handle design

- A) Thinner front grip of the actuating handle provides surgeon with direct tactile feedback for blunt dissection
- B) Wider rear grip of the actuating handle provides the stability when grasping and cutting tissue

THUNDERBEAT