THUNDERBEAT

Generators and accessories

ESG-400  Electrosurgical generator
USG-400  Ultrasonic generator
TC-E400  Energy Cart
TD-TB400  Transducer for THUNDERBEAT
MAJ-1870  Footswitch for THUNDERBEAT
MAJ-1871  Communication cable – short
MAJ-1872*  Communication cable – long
MAJ-1873*  Adapter for the connection to UHI-2 or UHI-3 insufflator
MAJ-1876  Docking fixture

*Required for the automatic mist and smoke evacuation function

Pistol Grip  THUNDERBEAT 5 mm, 45 cm, Pistol Grip
Inline Grip  THUNDERBEAT 5 mm, 35 cm, Inline Grip
Front-actuated Grip  THUNDERBEAT 5 mm, 20 cm, Front-actuated Grip

Surgical Tissue Management System with energy cart TC-E400

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 recognized 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 benefits of both advanced bipolar and ultrasonic energies to provide unprecedented versatility:

· reliable 7 mm vessel sealing
· minimal thermal spread
· fastest-in-class cutting
· reduced mist generation for improved visibility
· fine dissection with fine jaw design
· fewer instrument exchanges

Revolutionary jaw design

THUNDERBEAT devices feature a patented center-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 consistently vessel seals and higher grasping and dissecting forces.

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 operation flow

Optimized 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 stability when grasping and cutting tissue