**THUNDERBEAT**

**Generators and accessories**

- WB91051W   ESG-400  Electro surgical generator
- N3808660   USG-400  Ultrasonic generator
- N3635730   TC-E400  Energy Cart
- N3808760   TD-TB400  THUNDERBEAT Transducer
- N3809230   MAJ-1870  Footswitch for THUNDERBEAT
- N3809330   MAJ-1871  Communication cable 0.25 m
- N3809430   MAJ-1872* Communication cable 1.0 m
- N3809530   MAJ-1873* Adapter for UHI-2 or UHI-3
- N3809630   MAJ-1876  Docking fixture

*Required for the automatic mist and smoke evacuation function

**THUNDERBEAT handpieces**

- N4505530   TB-0009OF  THUNDERBEAT Open Fine Jaw

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Open Fine Jaw

The World’s First Combined Energy Device Designed for Thyroid/Breast Open Surgery

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Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

OLYMPUS MEDICAL SYSTEMS CORP.
Olympus Mcroland, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan

For a complete listing of sales and distribution locations, visit www.olymups.com

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THUNDERBEAT – NOW AVAILABLE IN THYROID AND BREAST OPEN SURGERY

The world’s first and only fully-integrated bipolar/ultrasonic energy instrument, specifically designed for thyroid and breast open surgery, from OLYMPUS.

**Precision**

THUNDERBEAT Open Fine Jaw is excellent in precise dissection as a result of its design, with the ability to cut all the way to the tip, and superior jaw opening and closing forces. This facilitates easy entry into and separation of tissue planes as well as the ability to grasp small, fine sections of tissue.

- Counter track jaw and traction peak prevent tissue slippage on the tip
- Aluminum cover helps cool down residual heat
- Probe designed for fine dissection and reduced mist
- Tissue stopper avoids tissue to be stuck inside the shaft

**Versatility**

Specifically designed for thyroid and breast open surgery, the THUNDERBEAT Open Fine Jaw features the following five advantages:

- Reliable Sealing
- Spot Coagulation
- Secure Grasping
- Precise Dissection
- Rapid Cutting

**THE THUNDERBEAT DIFFERENCE**

<table>
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<tr>
<th>Ultrasonic Energy</th>
<th>THUNDERBEAT</th>
<th>Bipolar Energy</th>
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<tr>
<td>Rapid Tissue Cutting</td>
<td>Rapid Tissue Cutting and Reliable Vessel Sealing</td>
<td>Reliable Vessel Sealing</td>
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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.