Generating Simplicity

HF Generator ESG-150
Olympus understands the specific demands of modern electrosurgery, so it knows how important it is to have a safe, dedicated energy source to maintain the precision physicians require in their work.

**At the Simple Touch of a Button**
A simple, intuitive touch-screen interface means users can easily set up the system to meet their personal needs in just a few steps.

**Supports User Level**
The user can choose between two user levels: advanced and basic. The advanced level is best for users that want to precisely adjust their HF settings and have maximum control. The basic level is ideal for users that prefer ease of use and the ability to quickly adapt the HF settings required for the procedure.

**Provides Advanced Safety**
The power range within the basic user level is limited to a reasonable amount to avoid unintended excessive power output. This results in additional safety for the user and the patient.

**Offers You Guidance**
The smart assistance messaging system provides simple and easily understandable feedback that empowers users to confidently operate and troubleshoot the ESG-150.

**Talks Your Language**
A choice of 29 display languages means users can understand and operate the system with ease.

**Built On Experience**
- **Fast Spark Monitor** – measures spark intensity during cutting procedures, automatically adjusting power output to achieve reproducible tissue effects and enhanced protection of EndoTherapy instruments.
- **High-Power Cut Support** – immediate spark ignition enables cutting without initial delays, which means superior cutting performance.

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Technical data

Olympus ESG-150 Specifications

High frequency 356 kHz ±20%
Type, protection class CF, Class I
Power supply AC 100 V to 120 V/AC – 220 V to 240 V, 50/60 Hz, 650 VA
Size (W × D × H) 295 × 400 ×115 mm
Weight, without foot switch 6.6 kg

Monopolar output

Sockets 3-pin plugs: Pin Ø 4 mm international/Valleylab standard
1-pin plugs: Pin Ø 8 mm (Bovie standard)
1-pin plugs: Pin Ø 4 mm

Split neutral electrode 10 mm 2-pins

PureCut (Effect 1–3) 120 W @ 500 Ohms
PulseCut slow/fast (Effect 1–5) 120 W @ 500 Ohms
SoftCoag (Effect 1–5) 120 W @ 500 Ohms
ForcedCoag (Effect 1–5) 120 W @ 500 Ohms

Bipolar output

Sockets 28.8 mm 2-pins and Ø 4/8 mm coaxial

BipolarCut (Effect 1–3) 100 W @ 500 Ohms
BiSoftCoag (Effect 1–3) 120 W @ 100 Ohms

Ordering Information

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<th>Order No.</th>
<th>Description</th>
<th>Contact Area</th>
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<td>Olympus ESG-150, including foot switch</td>
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<td>WA99512C</td>
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<td>MAJ-860 active cord for ET instruments, 8 mm</td>
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<tr>
<td>WA99510A</td>
<td>MAJ-814 connecting cable for disposable neutral electrode</td>
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Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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