

Olympus HF Generators

Energy Built on Experience



Gastrointestinal and Respiratory

ESG-150 ESG-300

Description



The Olympus ESG-150 is the ideal generator for basic procedures. The ESG-150 is a very compact and easy-to-use HF generator which offers monopolar and bipolar modes for various applications.



The ESG-300 is a high-end HF generator dedicated to advanced gastrointestinal and respiratory procedures such as POEM or ESD. The ESG-300 can be combined with the APU-300 for argon plasma applications.

Areas of Application	Gastrointestinal and respiratory		Gastrointestinal and respiratory	
Special Features	<ul style="list-style-type: none"> · Touch screen · Two user levels: Basic and advanced · Personalized settings · Compact design 		<ul style="list-style-type: none"> · Touch screen · Wireless foot switch · Personalized settings · Argon PLASMA ready (in combination with APU-300) 	
Mode	Monopolar	Cut: <ul style="list-style-type: none"> · PureCut · PulseCut Slow and Fast Coag: <ul style="list-style-type: none"> · SoftCoag · ForcedCoag 	Cut: <ul style="list-style-type: none"> · PureCut · BlendCut · PulseCut Slow and Fast Coag: <ul style="list-style-type: none"> · SoftCoag · PowerCoag · ForcedCoag · SprayCoag 	Cut: <ul style="list-style-type: none"> · PureCut · BlendCut · PulseCut Slow and Fast Coag: <ul style="list-style-type: none"> · SoftCoag · PowerCoag · ForcedCoag · SprayCoag
	Bipolar	Cut: <ul style="list-style-type: none"> · BipolarCut Coag: <ul style="list-style-type: none"> · BiSoftCoag 	Cut: <ul style="list-style-type: none"> · BipolarCut Coag: <ul style="list-style-type: none"> · BiSoftCoag · AutoCoag · RFCoag (RCAP) 	Cut: <ul style="list-style-type: none"> · BipolarCut Coag: <ul style="list-style-type: none"> · BiSoftCoag · AutoCoag · RFCoag (RCAP)
Argon PLASMA	n/a		<ul style="list-style-type: none"> · ForcedArgon · PulsedArgon Slow and Fast · SmartArgon 	
Sockets	Bipolar output International standard 2-pin plug (28 mm) Erbe standard 1-pin coaxial plug	Monopolar output International standard 3-pin plug (4 mm diameter) Bovie standard 1-pin plug (8 mm diameter) Banana plug 1-pin plug (4 mm diameter)	Bipolar output International standard 2-pin plug (28 mm) Erbe standard 1-pin coaxial plug	Monopolar output International standard 3-pin plug (4 mm diameter) Bovie standard 1-pin plug (8 mm diameter) Banana plug 1-pin plug (4 mm diameter)
Max. Power Output	120 watts		120 watts	

Surgical

CELON ELITE (ESG-200)* ESG-400

Description



CELON ELITE is a radiofrequency-based power control unit that incorporates multiple functions into a single device. The intelligent tissue monitoring allows precise and safe tissue ablation for a variety of ENT indications.
 (*The ESG-200 is also available with specific modes for phlebology: CELON Precision)



The ESG-400 provides unrivalled resection power as well as access to revolutionary surgical tissue management technology in the future – including modes for bipolar prostate and transcervical resection or advanced energy systems. It is also part of the THUNDERBEAT system.

Areas of Application	ENT, Head and Neck		Laparoscopic and open surgery	
Special Features	<ul style="list-style-type: none"> · Touch screen · Personalized settings · Radiofrequency-induced thermotherapy (RFITT) 		<ul style="list-style-type: none"> · Touch screen · Personalized settings · Advanced energy ready (e.g. THUNDERBEAT in combination with USG-400) 	
Mode	Monopolar	Cut: <ul style="list-style-type: none"> · FineCut · PureCut · StrongCut · PulseCut Coag: <ul style="list-style-type: none"> · SoftCoag · ForcedCoag 	Cut: <ul style="list-style-type: none"> · PureCut · BlendCut · PulseCut Slow and Fast Coag: <ul style="list-style-type: none"> · SoftCoag · PowerCoag · ForcedCoag · SprayCoag 	Cut: <ul style="list-style-type: none"> · PureCut · BlendCut · PulseCut Slow and Fast Coag: <ul style="list-style-type: none"> · SoftCoag · PowerCoag · ForcedCoag · SprayCoag
	Bipolar	Cut: <ul style="list-style-type: none"> · FineCut · PureCut · StrongCut Coag: <ul style="list-style-type: none"> · FineRFITT · PureRFITT · StrongRFITT · StrongRFITT with RCAP · SoftCoag 	Cut: <ul style="list-style-type: none"> · BipolarCut · SalineCut Coag: <ul style="list-style-type: none"> · BiSoftCoag · AutoCoag · Saline-Coag · HardCoag · RFCoag · FineCoag 	Cut: <ul style="list-style-type: none"> · BipolarCut · SalineCut Coag: <ul style="list-style-type: none"> · BiSoftCoag · AutoCoag · Saline-Coag · HardCoag · RFCoag · FineCoag
Argon PLASMA	n/a		n/a	
Sockets	Bipolar output International standard 2-pin plug (28 mm) Erbe standard 1-pin coaxial plug	Monopolar output International standard 3-pin plug (4 mm diameter) Bovie standard* 1-pin plug (8 mm diameter) Erbe standard** 1-pin plug (5 mm diameter) Banana plug 1-pin plug (4 mm diameter)	Bipolar output International standard 2-pin plug (28 mm) Erbe standard 1-pin coaxial plug Olympus Universal Socket	Monopolar output International standard 3-pin plug (4 mm diameter) Bovie standard 1-pin plug (8 mm diameter) Erbe standard 1-pin plug (5 mm diameter) Banana plug 1-pin plug (4 mm diameter)
Max. Power Output	120 watts		300 watts	

*CELON ELITE Type B **CELON ELITE Type E

Olympus HF Generators

Ordering Information

ESG-150

Order No.	Description
WA90150W	Olympus ESG-150, including foot switch
WA99516A	Neutral electrode, universal size >5 kg, 100 pcs
A02915A	MAJ-860 active cord for ET instruments, 8 mm
WA99510A	Connecting cable for disposable neutral electrode, 4.5 m

ESG-300

HF System Components

Order No.	Description
WA90003W	ESG-300 electrosurgical generator
WA90004W	APU-300 argon plasma unit
WA94034W	Wireless foot switch incl. receiver and charger
WA94033C	Wired foot switch, 4 m cable
K10026806	TC-E300 (EU) system cart, for most European countries
K10026805	TC-E300 (UK) system cart, UK standard
A02915A	MAJ-860 active cord for ET instruments, 8 mm
WA99510A	Connecting cable for disposable neutral electrode, 4.5 m
WA99516A	Neutral electrode, universal size >5 kg, 100 pcs
WA94041A	Pressure reducer, DIN 477-6, central and southern Europe
WA94042A	Pressure reducer, DIN 477-10, northern Europe
WA94043A	Pressure reducer, CGA no. 580, Italy
WA94044A	Pressure reducer, BS 341 No. 3, UK

Argon Plasma Probes

Order No.	Description
WA94001A	Axial argon probe, PA-210K, 1.5 × 1500 mm, 10 pcs, broncho
WA94002A	Axial argon probe, PA-211U, 2.3 × 2200 mm, 10 pcs, gastro/colo
WA94003A	Axial argon probe, PA-212U, 3.2 × 2200 mm, 10 pcs, colo
WA94004A	Axial argon probe, PA-210Z, 1.5 × 3000 mm, 10 pcs, entero
WA94005A	Axial argon probe, PA-211Z, 2.3 × 3000 mm, 10 pcs, entero
WA94006A	Lateral argon probe, PA-221U, 2.3 × 2200 mm, 10 pcs, gastro/colo
WA94007A	Radial argon probe, PA-231U, 2.3 × 2200 mm, 10 pcs, gastro/colo

CELON ELITE (ESG-200)

Order No.	Description
WA90001A	CELON ELITE "Type E", (incl. double-pedal foot switch)
WA90002A	CELON ELITE "Type B", (incl. double-pedal foot switch)
WA95621A	Power cable, EU, 4.5 m with angled plug
WA95622A	Power cable, US, 4.5 m with angled plug
WA95623A	Power cable, UK, 4.5 m with angled plug
WB50402W	Double-pedal foot switch
WA99510A	Connecting cable for disposable neutral electrode, 4.5 m
WB990007	CelonProBreath
WB990008	CelonProSleep Plus
WB990278	CELON ELITE ProCut Handpiece
WB990177	CelonProCut Electrode (5 pcs/box)
WB990202	CelonProCut Gripping Forceps

ESG-400

Order No.	Description
WB91051W	ESG-400 Electrosurgical Generator
N5428060	USG-400 Ultrasound Generator
N3808760	Transducer for THUNDERBEAT
N3809330	Communication Cable – short
WA956215	Power cable, Europlug (2x)
N3635730	Energy Cart, TC-E400
WA99510A	Connecting cable for disposable neutral electrode, 4.5 m

Neutral Electrodes

Order No.	Description	Contact Area
WA99512C	For newborns < 5 kg, 15 pcs, with cable	40 cm ²
WA99513A	For children 5–15 kg, 100 pcs	70 cm ²
WA99513C	For children 5–15 kg, 15 pcs, with cable	71 cm ²
WA99514A	For adults > 15 kg, 100 pcs	140 cm ²
WA99514C	For adults >15 kg, 15 pcs, with cable	140 cm ²
WA99516A	Universal size > 5 kg, 100 pcs	110 cm ²
WA99516C	Universal size > 5 kg, 15 pcs, with cable	110 cm ²

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

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