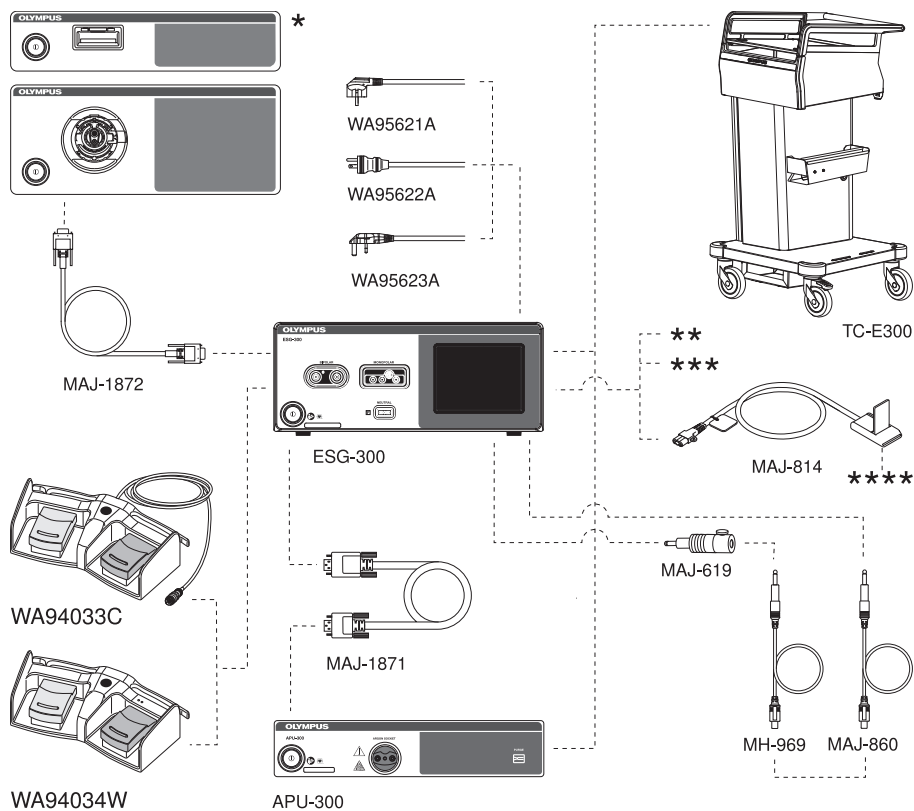


COMPATIBILITY GUIDE

ESG-300



ESG-300 SYSTEM CHART



Description of Compatible Equipment

Product	Description
ESG-300	Electrosurgical generator
*	Imaging system
**	Monopolar and bipolar HF instruments
***	Neutral electrodes (with connecting cable) refer to section "Compatible neutral electrodes" on page 14
****	Neutral electrodes (without connecting cable) refer to section "Compatible neutral electrodes" on page 14
APU-300	Argon plasma coagulation unit
MAJ-1871	Communication cable, 0.25 m
MAJ-1872	Communication cable, 10 m
MAJ-619	Adapter for MH-969
MAJ-814	Connecting cable for neutral electrode
MAJ-860	Monopolar HF cable, 3.5 m, plug diameter: 8 mm
MH-969	Monopolar HF cable, 3 m, plug diameter: 6 mm
TC-E300	Energy cart
WA94033C	Foot switch with cable
WA94034W	Foot switch, wireless
WA95621A	Power cable type E/F
WA95622A	Power cable type B
WA95623A	Power cable type G

MONOPOLAR DEVICES



MONOPOLAR

For monopolar HF cables
(connection of instruments)



Bovie standard

One-pin plug (8 mm diameter)
MAJ-860: Standard 8 mm plug cable for all
Olympus ET devices

Alternatives:



International standard

Three-pin plug (4 mm diameter)



Banana plug

One-pin plug (4 mm diameter)

* Please be careful to
connect banana plug
only to the rightmost
receptacle.

Active Cord

The following A-cords are compatible with the ESG-300
and can be used with Olympus endotherapy devices:

- MAJ-860 (standard)
- MAJ-969 (ESG-100 standard; can only be used with adapter MAJ-619)

Endotherapy Devices

All Olympus monopolar ET devices are compatible with ESG-300.

Please be advised: SprayCoag mode is only compatible with TT Knife J (due to high peak voltage). Please consider the maximum peak voltage in the Instructions for Use of the respective ET instrument to confirm compatibility with SprayCoag mode (peak voltage = 4300 Vp)

BIPOLAR DEVICES



BIPOLAR

For bipolar HF cables
(connection of instruments)



International standard

Two-pin plug



Erbe standard

One-pin coaxial plug



Bicoag

Both connector types of the Bicoag probe are compatible with ESG-300.

BiCoag Probe Overview:						
Model	Packed Quantity	Maximum Probe Tip Outer Diameter	Connector Type	Flushing Port	Working Length	Compatible Channel Inner Diameter
CD-B610LA	1 piece/box	10 FR	Coaxial	Available	3500 mm	3.7 mm
CD-B612LA	1 piece/box	10 FR	Fixed pin	Available	3500 mm	3.7 mm
CD-B620LA	1 piece/box	7 FR	Coaxial	Available	3500 mm	2.8 mm
CD-B622LA	1 piece/box	7 FR	Fixed pin	Available	3500 mm	2.8 mm

ARGON PLASMA COAGULATION PROBES



Argon socket



Axial probe



Radial probe



Lateral probe

The Olympus Argon Plasma Unit APU-300 is a closed system and only Olympus MAPC probes can be connected. A chip inside the plug of each probe prevents usage of Olympus MAPC probes with competitor generators.

Note: Olympus MAPC should not be used with the following endoscopes:

- TJF (Reason: to avoid kinking of MAPC probe with elevator)
- Ultrasound (Reason: heat of plasma could damage endoscope tip)

MAPC Probes Overview:

Item Number	Item Name	Probe Diameter	Working Length	Packed Quantity
WA94001A	Axial Argon PA-210k	1.5 mm	1500 mm	10 pieces/box
WA94002A	Axial Argon PA-211U	2.3 mm	2200 mm	10 pieces/box
WA94003A	Axial Argon PA-212U	3.2 mm	2200 mm	10 pieces/box
WA94004A	Axial Argon PA-210Z	1.5 mm	3000 mm	10 pieces/box
WA94005A	Axial Argon PA-211Z	2.3 mm	3000 mm	10 pieces/box
WA94006A	Lateral Argon PA-221U	2.3 mm	2200 mm	10 pieces/box
WA94007A	Radial Argon PA-231U	2.3 mm	2200 mm	10 pieces/box

Argon Gas Tank

Argon purity of 4.8 (99.998%) is required

All standard gas tanks are compatible with APU-300 based on the country's regulator standards.

Pressure Reducer

Only the 5 following Olympus pressure reducers are compatible with the APU-300.

Pressure Reducer Overview	
Item Number	Item Name
WA94041A	Pressure reducer, with connector acc. to DIN 477 No. 6, for Argon Plasma coagulation
WA94042A	Pressure reducer, with connector acc. to DIN 477 No. 10, for Argon Plasma coagulation
WA94043A	Pressure reducer, with connector acc. to CGA No. 580, for Argon Plasma coagulation
WA94044A	Pressure reducer, with connector acc. to BS 341 No. 3, for Argon Plasma coagulation
WA94045A	Pressure reducer, with connector acc. to JIS B8246, for Argon Plasma coagulation

COMPATIBLE PRESSURE REDUCER TYPES

Country Overview List:						
Code	Country	WA94041A DIN 477-6	WA94042A DIN 477-10	WA94043A CGA 580	WA94044A BS 341-3	WA94045A JIS B 8246
AD	Andorra	+				
AE	United Arab Emirates	+			+	
AF	Afghanistan	+				
AR	Argentina	+		+		
AT	Austria	+				
AU	Australia				+	
BD	Bangladesh	+			+	
BE	Belgium	+				
BN	Brunei	+				
BO	Bolivia					
BR	Brazil	+		+		
BT	Bhutan	+				
CA	Canada			+		
CI	Ivory Coast		+			
CH	Switzerland	+				
CL	Chile	+		+		
CN	China	+				
CO	Colombia			+		
CY	Cyprus	+				
CZ	Czech Republic	+				
DE	Germany	+				
DK	Denmark		+			
DO	Dominican Republic			+		
DZ	Algeria	+				

Code	Country	WA94041A DIN 477-6	WA94042A DIN 477-10	WA94043A CGA 580	WA94044A BS 341-3	WA94045A JIS B 8246
EC	Ecuador			+		
EE	Estonia	+				
EG	Egypt	+				
ES	Spain	+				
FI	Finland		+			
FR	France	+				
GB	Great Britain				+	
GR	Greece					
GT	Guatemala			+		
GU	Guam			+		
HN	Honduras			+		
HR	Croatia	+				
HT	Haiti			+		
HU	Hungary	+				
ID	Indonesia	+				
IE	Ireland	+				
IN	India	+			+	
IL	Israel					
IR	Iran	+				
IS	Iceland	+				
IT	Italy			+		
JP	Japan					+
KP	North Korea	+				
KW	Kuwait	+			+	

COMPATIBLE PRESSURE REDUCER TYPES

Code	Country	WA94041A DIN 477-6	WA94042A DIN 477-10	WA94043A CGA 580	WA94044A BS 341-3	WA94045A JIS B 8246
LB	Lebanon	+			+	
LI	Liechtenstein	+				
LK	Sri Lanka	+			+	
LT	Lithuania	+				
LU	Luxembourg	+				
LV	Latvia	+				
LY	Libya	+				
MA	Morocco	+				
MK	Macedonia	+				
MM	Myanmar	+				
MT	Malta	+				
MU	Mauritius	+				
MX	Mexico			+		
MY	Malaysia	+				
NA	Namibia	+				
NL	Netherlands		+			
NO	Norway		+			
NP	Nepal	+			+	
NZ	New Zealand			+		
OM	Oman	+			+	
PA	Panama			+		
PE	Peru	+		+		
PH	Philippines	+				
PK	Pakistan	+			+	
PL	Poland	+				

Code	Country	WA94041A DIN 477-6	WA94042A DIN 477-10	WA94043A CGA 580	WA94044A BS 341-3	WA94045A JIS B 8246
PT	Portugal	+				
QA	Qatar	+			+	
RO	Romania	+				
RS	Serbia	+				
RU	Russia	+				
SA	Saudi Arabia	+			+	
SD	Sudan	+				
SE	Sweden		+			
SG	Singapore	+				
SI	Slovenia	+				
SK	Slovakia	+				
SV	El Salvador			+		
TH	Thailand	+			+	
TN	Tunisia	+				
TR	Turkey	+				
TW	Taiwan (ROC)	+				
UA	Ukraine	+				
US	USA			+		
UY	Uruguay	+				
VE	Venezuela			+		
VN	Vietnam	+			+	
YE	Yemen	+			+	
ZA	South Africa	+				
-	Caribbean countries	+				

COMPATIBLE NEUTRAL ELECTRODES



Split or on-split neutral electrodes

Two-pin female plug



Optional item

Cable for non-corded neutral electrodes:
MAJ-814

Only two-pin connectors are compatible with ESG-300. You can either use pre-corded neutral electrodes or the reusable cable MAJ-814.

The following neutral electrodes have been tested for compatibility with the ESG-300.

Compatible Neutral Electrodes Overview:	
Name	Description
Olympus MAJ-897	■ Patient weight > 15 kg ■ Split type ■ White foam
3M 1180	■ Patient weight > 15 kg ■ Split type ■ White foam
3M 1179	■ Patient weight > 15 kg ■ Split type ■ White foam ■ With cable
3M 8180	■ Patient weight > 15 kg ■ Split type ■ Teal foam ■ Soft conductive adhesive

Name	Description
3M 9160	■ Patient weight < 15 kg ■ Split type ■ Safety ring ■ Soft backing
3M 9165	■ Patient weight < 15 kg ■ Split type ■ Safety ring ■ Soft backing ■ With cable
Valleylab E7509	■ Patient weight > 15 kg ■ Split type ■ Soft conductive adhesive
Valleylab E7507	■ Patient weight > 15 kg ■ Split type ■ Soft conductive adhesive ■ With cable
Valleylab E7510-25	■ Patient weight < 15 kg ■ Split type ■ Soft conductive adhesive
Conmed Surefit 410-2000/410-2100	■ Patient weight < 15 kg ■ Split type ■ With cable
Conmed Surefit 410-2200/410-2400	■ Patient weight < 15 kg ■ Split type

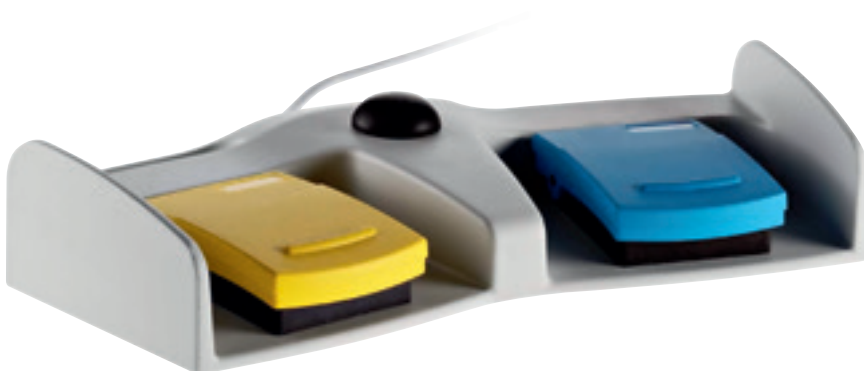
Compatibility certificates for additional neutral electrodes are available upon request.

FOOT SWITCH

The following two options of compatible foot switches are available for the ESG-300:

1. Wired foot switch (WA94033C)
2. Wireless foot switch & receiver (WA94034W)

Olympus does **not** offer a one-pedal foot switch for the ESG-300.



491

FOR YOUR NOTES

COMPATIBILITY GUIDE

15882



Ordering Information

HF System Components

Order Number	Article	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
E0427213	MAJ-814	Connecting cable for disposable neutral electrode
E0427245	MAJ-897	Split neutral electrode, disposable, 10 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

Argon Plasma Probes

Order Number	Article	Description
WA94001A	PA-210K	Axial argon probe, 1.5 × 1500 mm, 10 pcs, broncho
WA94002A	PA-211U	Axial argon probe, 2.3 × 2200 mm, 10 pcs, gastro/colo
WA94003A	PA-212U	Axial argon probe, 3.2 × 2200 mm, 10 pcs, colo
WA94004A	PA-210Z	Axial argon probe, 1.5 × 3000 mm, 10 pcs, entero
WA94005A	PA-211Z	Axial argon probe, 2.3 × 3000 mm, 10 pcs, entero
WA94006A	PA-221U	Lateral argon probe, 2.3 × 2200 mm, 10 pcs, gastro/colo
WA94007A	PA-231U	Radial argon probe, 2.3 × 2200 mm, 10 pcs, gastro/colo

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

OLYMPUS

OLYMPUS SURGICAL TECHNOLOGIES EUROPE

Olympus Winter & Ibe GmbH
Kuehnstraße 61
22045 Hamburg, Germany
www.olympus.eu/ESG-300



W7083335_00 - 10/2017