

CELON ELITE

Intelligent Power Control Unit for ENT



Technical Specifications

Classifications

According to IEC 60601-1, protection against electric shock:

Medical electrical equipment	Class 1
Applied parts	Type CF
Protection against harmful ingress of water	IPX0
Mode of operation	Continuous operation with intermittent loading
According to Medical Device Directive 93/42/EEC	IIb

Size and Weight

Width	295 mm
Height	115 mm
Depth	400 mm
Volume	13,570 cm ³
Weight	6.61 kg

Output

High-frequency functions	Monopolar and bipolar
High frequency	356 kHz ±20%
Maximum HF power	120 W
All modes	25% duty cycle (e.g. activated for 10 s, deactivated for 30 s)
All RFITT modes	100% duty cycle

RFID Technology

The device contains radio-frequency identification (RFID) technology.

Frequency band	13.56 MHz (internationally harmonized)
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Plug Requirements for the MONOPOLAR Output Socket

CELON ELITE “Type E”

3-pin plug	PinØ 4 mm (international standard)
Coaxial plug	PinØ 9/5 mm (Erbe standard)
1-pin plug	PinØ 4 mm

CELON ELITE “Type B”

3-pin plug	PinØ 4 mm (international standard)
1-pin plug	PinØ 8 mm (Bovie standard)
1-pin plug	PinØ 4 mm

Plug Requirements for the BIPOLAR Output Socket

2-pin plug	PinØ 4 mm / 28.6 mm pin spacing (international standard)
Coaxial plug	PinØ 8 mm (Erbe standard)

Plug Requirements for the Neutral Electrode Socket

Plug with two sockets, socket Ø: 2.5 mm, socket spacing: 10 mm

Operation Environment

Temperature	+10 to +40°C (+50 to +104°F)
Relative humidity	30 to 85%, non-condensing
Atmospheric pressure	70 to 106 hPa

Power Supply

Voltage range	AC 100 V to 120 V/AC 220 V to 240 V
Frequency	50 Hz / 60 Hz
Maximum input power	650 VA
Fuse	T 6.3 AH

Ordering Information

Order Nr.	Description	Additional Information
WA90001A	CELON ELITE “Type E”	Monopolar output socket for international/Erbe plugs, (incl. double pedal foot switch)
WA90002A	CELON ELITE “Type B”	Monopolar output socket for international/Bovie plugs, (incl. double pedal foot switch)
WA95621A	Power cable, EU, 4.5 m w. angled plug	Many European countries, Type E/F
WA95622A	Power cable, US, 4.5 m w. angled plug	USA, Canada, and other countries, Type B
WA95623A	Power cable, UK, 4.5 m w. angled plug	United Kingdom and other countries, Type G
WB50402W	Double pedal foot switch	

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