

# Electrosurgical Unit **ZEUS Series**



Upmost Safety and Reliability.  
Thanks to an Advanced Safety Concept.

# Electrosurgical Unit ZEUS Vision



## Output Specification

Mode		Output Power
CUT	Pure	400W / 200Ω
	Blend 1	250W / 200Ω
	Blend 2	200W / 200Ω
	Blend 3	150W / 200Ω
Coagulation	Contact	120W / 200Ω
	Spray	100W / 300Ω
Bipolar Coagulation	Standard	100W / 100Ω
	AutoStart	100W / 100Ω
	Forced	80W / 100Ω
Bipolar Cut	Cut	120W / 200Ω
	Blend	100W / 200Ω

### ● Color Graphic User Interface

Wide TFT LCD mount, clean and sharper image quality, unlike the existing electricity and the innovative new UI configuration operation.

### ● Best Safety with Feedback System

REM(Return Electrode Monitoring) monitors the size of contact area between a patient and the pad. If the size is inappropriate, it automatically blocks the high-frequency current to minimize the danger of burning incidents.

### ● All Touch Screen System & Key

Touch screen system through the implementation easier and faster with a parameter setting, external key management can be the same as a Touch screen.

### ● Diversity of Features Bipolar

Bipolar Cut, Bipolar Blend, Bipolar Forced to add features to implement more up-grade the optimal system.

- Main Frequency : 400, 500KHz
- Power Source : AC120V or AC230V, 50Hz / 60Hz
- Protection class : Class 1, Type CF

- Demension(WxDxHmm) : 388×410×160
- Weight : 12.5Kg

## Standard Accessories

Code No.	Name of Item				
FS02-01R	Double Foot Switch				
FS01-03R	Single Foot Switch	FS02-01R	FS01-03R	HD02-01D	HD01-02R
HD02-01D	Disposable Twin button handle				
HD01-02R	Monopolar handle & Cable	PL02-01R	PL03-02D	CA02-02R	CA03-01R
PL02-01R	Silicon Patient plate(240X150mm)				
PL03-02D	Disposable Patient plate (5ea)	CA01-02R	BF01-01R	EL01-01D/EL04-01D EL04-02D/EL02-01D/EL03-01D	
CA02-02R	Patient Return plate cable	CA01-02R	BF01-01R		
CA03-01R	Ground cable				
CA01-02R	Bipolar forceps cable				
BF01-01R	Bipolar Forceps(Bayonet 17.8cm 1.0 Tip)				
EL01-01D	Electrode(Knife 2.4*70mm)				
EL04-01D	Electrode(Needle 2.4*70mm)				
EL04-02D	Electrode(Needle Angled 2.4*70mm)				
EL02-01D	Electrode(Ball 5mm)				
EL03-01D	Electrode(Loop 6mm)				

# Electrosurgical Unit ZEUS-150/200S

## Output Specification

Mode	ZEUS-150	ZEUS-200S
Pure Cut	150W / 200Ω	200W / 200Ω
Blend Cut 1	120W / 200Ω	150W / 200Ω
Blend Cut 2	100W / 200Ω	120W / 200Ω
Contact Coagulation	80W / 200Ω	80W / 200Ω
Spray Coagulation	60W / 500Ω	80W / 500Ω
Bipolar Coagulation	80W / 100Ω	80W / 100Ω



### ● Various Function with Compact Design

Cut(Pure, Blend1, Blend2,), Coag.(Contact, Spray), Bipolar coag. : Fully enough for most of their operations.

### ● Best Safety with Feedback System

REM(Return Electrode Monitoring) monitors the size of contact area between a patient and the pad. If the size is inappropriate, it automatically blocks the high-frequency current to minimize the danger of burning incidents.

### ● Different Tone Audible Sound

Operations of Cutting, Coagulation and Bipolar Coagulation can be distinct from each other by sound and indication lamp. The level of alarm sound can be adjusted during an operation of application mode.

### ● Auto Select Function

Without Selecting Cutting or Coagulation Button, use Twin Button Handle & Double Foot Switch for Cutting and Coagulating. Display selected Cut, Coagulation value alternatively. Press each mode button for 3 sec, Power Display 1W, enable to control from 1W to 150W quickly.

- Main Frequency : 400, 500Khz
- Power Source : AC120V or AC230V, 50Hz / 60Hz
- Protection class : Class 1, Type CF

- Demension(WxDxHmm) : 330×330×135
- Weight : 8.0Kg

## Standard Accessories

Code No.	Name of Item				
FS02-01R	Double Foot Switch				
HD02-01D	Disposable Twin button handle	FS02-01R	HD02-01D	HD01-01R	PL02-01R
HD01-01R	Monopolar handle & Cable				
PL02-01R	Silicon Patient plate(240X150mm)	PL03-02D	CA02-02R	CA01-01R	BF01-01R
PL03-02D	Disposable Patient plate (2ea)				
CA02-02R	Patient Return plate cable				
CA01-01R	Bipolar forceps cable	EL01-01D / EL04-01D EL04-02D / EL02-01D / EL03-01D			
BF01-01R	Bipolar Forceps(Bayonet 17.8cm 1.0 Tip)				
EL01-01D	Electrode(Knife 2.4*70mm)				
EL04-01D	Electrode(Needle 2.4*70mm)				
EL04-02D	Electrode(Needle Angled 2.4*70mm)				
EL02-01D	Electrode(Ball 5mm)				
EL03-01D	Electrode(Loop 6mm)				

## Electrosurgical Unit ZEUS-400P/300P/200P



The ZEUS-400P/300P/200P'S Powerful and stable technology demands with safety flexibility and convenience without performance compromise

- Main Frequency : 400, 500KHz
- Power Source : AC120V or AC230V, 50Hz / 60Hz
- Protection class : Class 1, Type CF
- Demension(WxDxH mm) 330x455x150
- Weight : 13.0Kg

### For the Operation

General Surgery, Dermatology, Vascular Surgery, Gynecology, ORL/ENT, Pediatric Surgery, Urology, Orthopedics, Oral Surgery, Plastic Surgery, Endoscopy, T.U.R., ...

### Feature

- A DISPLAY window allows you to easily check output values, indicated as digits.
- One equipment provides such functions that are required to perform an operation as Functiona Cutting (Pure Cut, Blend1, Blend2, Blend3), Coagulation (Spray Coagulation, Contact Coagulation), Bipolar Coagulation (Hand Bipolar, Foot Bipolar), Bipolar Cut.
- 10 storages are available by using user storage function. (ZEUS-400P/300P/200P)
- Operations of Cutting, Coagulation and Bipolar Coagulation can be distinct from each other by sound and indication lamp.
- Hand Bipolar(Auto Bipolar) can be used only by contacting Forceps.
- Microprocessor can straighten, stabilize the output.
- The input power frequency 50Hz / 60Hz is automatically detected

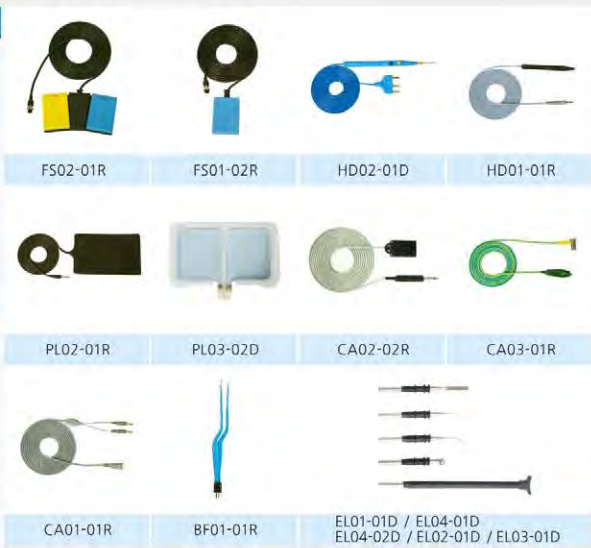
### Standard Accessories

Code No.	Name of Item
FS02-01R	Double Foot Switch
FS01-02R	Single Foot Switch
HD02-01D	Disposable Twin button handle
HD01-01R	Monopolar handle & Cable
PL02-01R	Silicon Patient plate(240X150mm)
PL03-02D	Disposable Patient plate (2ea)
CA02-02R	Patient Return plate cable
CA03-01R	Ground cable
CA01-01R	Bipolar forceps cable
BF01-01R	Bipolar Forceps(Bayonet 17.8cm 1.0 Tip)
EL01-01D	Electrode(Knife 2.4*70mm)
EL04-01D	Electrode(Needle 2.4*70mm)
EL04-02D	Electrode(Needle Angled 2.4*70mm)
EL02-01D	Electrode(Ball 5mm)
EL03-01D	Electrode(Loop 6mm)

### Output Specification

Mode	ZEUS-400P	ZEUS-300P	ZEUS-200P
Pure cut	400W / 300Ω	300W / 300Ω	200W
Blend 1	250W / 300Ω	230W / 300Ω	150W
Blend 2	200W / 300Ω	180W / 300Ω	120W
Blend 3	150W / 300Ω	120W / 300Ω	100W
Contact Coag.	120W / 300Ω	100W / 300Ω	100W
Splay Coag.	100W / 300Ω	80W / 300Ω	80W
Bipolar Coag.	100W / 100Ω	80W / 100Ω	80W
Bipolar Cut	100W / 200Ω	80W / 200Ω	80W

# Electrosurgical Unit ZEUS-400/300/200



The ZEUS-400/300/200'S Powerful and stable technology demands with safety flexibility and convenience without performance compromise

- Main Frequency : 400, 500KHz
- Power Source : AC120V or AC230V, 50Hz or 60Hz
- Protection class : Class 1, Type CF
- Demension(WxDxH mm) 330x455x150
- Weight : 13.0Kg

ZEUS-200P	ZEUS-400	ZEUS-300	ZEUS-200
/ 300Ω	400W / 300Ω	300W / 300Ω	200W / 300Ω
/ 300Ω	250W / 300Ω	230W / 300Ω	150W / 300Ω
/ 300Ω	200W / 300Ω	180W / 300Ω	120W / 300Ω
/ 300Ω	150W / 300Ω	120W / 300Ω	100W / 300Ω
/ 300Ω	120W / 300Ω	100W / 300Ω	100W / 300Ω
/ 300Ω	100W / 300Ω	80W / 300Ω	80W / 300Ω
/ 100Ω	99W / 100Ω	80W / 100Ω	80W / 100Ω
/ 200Ω			

## For the Operation

General Surgery, Dermatology, Vascular Surgery, Gynecology, ORL/ENT, Pediatric Surgery, Urology, Orthopedics, Oral Surgery, Plastic Surgery, Endoscopy, T.U.R., ...

## Safety Function

- A fuse built in a power circuit prevent an over current from flowing through the equipment.
- When the plate attached to the patient is separated from the equipment, the red alarm light begins flickering. Pressing the button of Twin Button Handle or the pedal of Cutting and Coagulation of Double Foot Switch will stop the alarm sound and the equipment.
- REM (Return Electrode Monitoring) monitors the size of contacting area between a patient and the pad. If the size is inappropriate, it automatically blocks the high-frequency current to minimize the danger of burning incidents.
- To protect a patient, the case is fully grounded so that a leakage current can flow into the earth.





## Electrosurgical Unit Accessories

Accessory	Code No.	Name of Item	Specification	Accessory	Code No.	Name of Item	Specification
	FS01-01R	Single foot switch (ZEUS-80)	3pin plug Cable 4m		CA02-02R	Patient Return plate cable	6.3Pie Plug Silicon Cable 3m
	FS01-02R	Single foot switch	3pin plug Cable 4m		CA02-03R	Patient Return plate cable	ValleyLab Type Plug Silicon Cable 3m
	FS01-03R	Single foot switch (ZEUS Vision)	3pin plug Cable 4m		CA03-01R	Ground Cable	Cable 4ø, 3m
	FS02-01R	Double foot switch	4pin plug Cable 4m		CA04-01R	Power cord	KKP-4819R/KKS-16A
	PL01-01R	Reusable Patient plate	Stainless Steel 6.3Pie Plug Cable 3m		BF01-01R	Bipolar Forceps	Bayonet 17.8cm 1.0Tip
	PL02-01R	Silicon Patient plate	240mm x 150mm 6.3Pie Plug Cable 3m		BF01-02R	Bipolar Forceps	Bayonet 15.2cm 1.0Tip
	PL02-02R	Silicon Patient plate	165mm x 90mm 6.3Pie Plug Cable 2m		BF02-01R	Bipolar Forceps	Straight 9.0cm 0.5Tip
	PL02-03R	Silicon Patient plate	110mm x 80mm 6.3Pie Plug Cable 2m		BF02-02R	Bipolar Forceps	Straight 12.1cm 1.0Tip
	PL02-04R	Silicon Patient plate	240mm x 150mm ValleyLab Type Plug Cable 3m		BF02-03R	Bipolar Forceps	Straight 17.8cm 1.0Tip
	PL03-01D	Disposable Patient plate	Dual(180mm x 120mm)		BF03-01R	Bipolar Forceps	Angled 9.0cm 0.5Tip
	HD01-01R	Monopolar handle	Silicon Cable 4ø 3m		BF03-02R	Bipolar Forceps	Angled 17.8cm 1.0Tip
	HD01-02R	Monopolar handle	Silicon Cable 4ø 3m		EL01-02D	Electrode	Knife 2.4 * 70mm Black
	HD02-01D	Disposable Twin button handle	3pin Plug Cable 3m		EL02-02D	Electrode	Ball 5mm Black
	CA01-01R	Bipolar forcep cable	2pin Plug Cable 3m EN Type Connector		EL03-02D	Electrode	Loop 6mm Black
	CA01-02R	Bipolar forcep cable	2pin Plug Silicon Cable 3m EN Type Connector		EL04-02D	Electrode	Needle 2.4 * 70mm Black
		Bipolar forcep cable	2pin Plug Silicon Cable 4m EU Type Connector			Electrode	Needle Angled 45° 2.4 * 70mm Black
	CA02-01R	Patient Return plate cable	6.3Pie Plug Cable 3m		CT01-01R	CART	W400xH870xD480

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