



- Main Frequency : 400, 500KHz
- Power Source : 100-240V~ 50/60Hz
- Protection Class : Class 1, Type CF
- Dimension(WxDxHmm) : 388×410×160
- Weight : 11Kg

UPGRADE VERSION

Feature

Basic

Technology of Tissue Impedance

Technology of Tissue Impedance provides doctors with improved result at lower power settings, minimizing the risk of tissue damage and neuromuscular stimulation. It has feedback system that recognize changing impedance of tissue and adjusts voltage and current accordingly to maintain appropriate power.

Option 1

T.U.R.P.

Transurethral resection of the prostate (commonly known as a TURP, plural TURPs, and rarely as a transurethral prostatic resection, TURP) is a urological operation. It is used to treat benign prostatic hyperplasia (BPH). As the name indicates, it is performed by visualising the prostate through the urethra and removing tissue by electrosurgical unit or sharp dissection.

Option 2

Vessel Sealing

Vessel sealing technology uses pressure and energy to seal vessels and offers major advantages in the field of endoscopic surgery. Bipolar Vessel Sealing is an electrosurgery technology for sealing blood vessels of up to 7mm in diameter. Technology of Vessel Sealing enables permanent sealing of large blood vessels and bundle of tissues during open and laparoscopic surgery. Based on Technology of Tissue Impedance, as soon as sealing in the tissue has been completed, the AUTO STOP function blocks the current flow. The tissue is now denatured and sealed, and the collagen fibers are linked without damage.

Option 3

T.U.R.P. + Vessel Sealing

2 Special Functions in 1 unit

Output Specification

Basic

	Mode	Output Power
CUT	Pure	400W / 500Ω
	Blend1	250W / 400Ω
	Blend2	200W / 400Ω
	Blend3	150W / 400Ω
Coagulation	Soft	100W / 50Ω
	Contact	120W / 300Ω
	Spray	100W / 500Ω
	Argon	100W / 500Ω
Bipolar Coagulation	Standard	100W / 100Ω
	Auto Start	100W / 100Ω
	Forced	80W / 100Ω
Bipolar Cut	Bip. Cut	120W / 500Ω
	Bip. Blend	100W / 500Ω

Endo Cut	Polypectomy	350W / 500Ω
----------	-------------	-------------

Option 1

Bipolar	TURP Cut	200W / 500Ω
	TURP Coag.	200W / 50Ω

Option 2

Bipolar Coag.	Seal	250W / 25Ω
---------------	------	------------

Option 3

Bipolar	TURP Cut	200W / 500Ω
	TURP Coag.	200W / 50Ω
Bipolar Coag.	Seal	250W / 25Ω

Output Specification

Basic

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
	Argon 100W / 300Ω
Bipolar Coagulation	Standard 100W / 100Ω
	AutoStart 100W / 100Ω
	Forced 80W / 100Ω
Bipolar Cut	Cut 120W / 200Ω
	Blend 100W / 200Ω



- Main Frequency : 400, 500KHz
- Power Source : AC120V or AC230V, 50Hz / 60Hz
- Protection Class : Class 1, Type CF
- Dimension(WxDxHmm) : 388×410×160
- Weight : 12.5Kg

Option 1

Coagulation	Soft	80W / 100Ω
Endo Cut	Papillotomomy	150W / 100Ω
	Polypectomy	150W / 100Ω

Feature

• Color Graphic User Interface

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

• Best Safety with Feedback System

REM(Return Electrode Monitoring) function 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.

• 7inch 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 Feature Bipolar

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

• Memory Function

99 storages are available.

Option 1 Endo Cut(Intra Cut)

Endo-cut is a monopolar electrosurgical treatment method and a cut which is carried out intervals(fractionated cut) with software-controlled alternations between cutting and coagulation stages.

Standard Accessories

Code No.	Name of Item
FS02-01R	Double Foot Switch
FS01-01R	Single Foot Switch * Not included in upgrade version
HD02-01D	Disposable Twin Button Handle
HD01-02R	Monopolar Handle & Cable
PL02-01R	Silicon Patient Plate(240X150mm)
PL03-02D	Disposable Patient Plate (5ea)
CA02-02R	Patient Return Plate Cable
CA03-01R	Ground Cable
CA01-02R	Bipolar Forceps Cable
CA08-01R	Monopolar Connecting Cable(For Endo Cut*3Φ Connector)
BF01-01R	Bipolar Forceps(Bayonet 17.8cm 1.0 Tip)
EL01-02D	Electrode(Knife 2.4*70mm)
EL02-02D	Electrode(Ball 5mm)
EL03-02D	Electrode(Loop 6mm)
EL04-02D	Electrode(Needle 2.4*70mm)
EL04-04D	Electrode(Needle Angled 2.4*70mm)



Accessories

Accessory	Code No.	Name of Item	Specification
	FS01-01R	Single Foot Switch	3pin Plug Cable 4m
	FS02-01R	Double Foot Switch	4pin Plug Cable 4m
	PL02-01R	Silicon Patient Plate	240mm x 150mm 6.3Pie Plug Cable 3m
	PL02-02R	Silicon Patient Plate	165mm x 90mm 6.3Pie Plug Cable 2m
	PL02-03R	Silicon Patient Plate	110mm x 80mm 6.3Pie Plug Cable 2m
	PL02-04R	Silicon Patient Plate	240mm x 150mm ValleyLab Type Plug Cable 3m
	PL02-05R	Silicon Patient Plate	165mm x 90mm ValleyLab Type Plug Cable 2m
	PL02-06R	Silicon Patient Plate	110mm x 80mm ValleyLab Type Plug Cable 2m
	PL03-02D	Disposable Patient Plate	Adult Dual (120cm)
	PL03-03D	Disposable Patient Plate	Pediatric Dual (66cm)
	HD01-01R	Monopolar Handle & Cable	Silicon Cable 4ø 3m
	HD01-02R	Monopolar Handle & Cable	Silicon Cable 4ø 3m
	HD02-01D	Disposable Twin Button Handle	3pin Plug Cable 3m
	CA01-01R	Bipolar Forcep Cable	2pin Plug Cable 3m EN Type Connector
	CA01-02R	Bipolar Forcep Cable	2pin Plug Silicon Cable 3m EN Type Connector
	CA01-03R	Bipolar Forcep Cable	2pin Plug Silicon Cable 3m EU Type Connector
	CA01-04R	Laparoscopy Bipolar Connecting Cable	Silicon Cable, 3m
	CA01-06R	Bipolar Sealer Cable	Silicon Cable 4ø, 3m
	CA01-07R	Vessel Sealing Cable	2pin Plug Silicon, Cable 3m, EU Type connector
	CA03-01R	Ground Cable	Cable 4ø, 3m

Electrosurgical Unit Accessories



Accessory	Code No.	Name of Item	Specification
	CA08-01R	Monopolar Connecting Cable	3Ø Connector, 4m
	CA08-02R	Monopolar Connecting Cable	4Ø Connector, 4m
	CA08-03R	Monopolar Connecting Cable	4.2Ø Connector, 4m
	CA02-02R	Patient Return Plate Cable	6.3Pie Plug Silicon Cable 3m
	CA02-03R	Patient Return Plate Cable	ValleyLab Type Plug Silicon Cable 3m
	BF01-01R	Bipolar Forceps	Bayonet 17.8cm 1.0 Tip
	BF01-02R	Bipolar Forceps	Bayonet 15.2cm 1.0 Tip
	BF02-01R	Bipolar Forceps	Straight 9.0cm 0.5 Tip
	BF02-02R	Bipolar Forceps	Straight 12.1cm 1.0 Tip
	BF02-03R	Bipolar Forceps	Straight 17.8cm 1.0 Tip
	BF03-01R	Bipolar Forceps	Angled 9.0cm 0.5 Tip
	BF03-02R	Bipolar Forceps	Angled 17.8cm 1.0 Tip
	EL01-02D	Electrode	Knife 2.4 * 70mm Black
	EL02-02D	Electrode	Ball 5mm Black
	EL03-02D	Electrode	Loop 6mm Black
	EL04-02D	Electrode	Needle 2.4 * 70mm Black
	EL04-04D	Electrode	Needle Angled 45° 2.4 * 70mm Black
	CT01-01R	CART	W390xD480xH850
	HD03-02D	Sens Probe	3 Pin Plug Cable 3m
	HD03-01D	Sens Probe	2 Pin Plug Cable 3m