

# DOCTANZ

**For the Most Powerful  
Medical Equipment Brand**

# ELECTROSURGICAL UNIT

## DOCTANZ Touch

DOCTANZ 400 / 300 / 200

DOCTANZ 200S / 150

DOCTANZ 100 / 80

**Total Solutions by 8 Types of Models for Electrical Surgeries.**

### **1W Step Digital Control for All Models**

So doctors can adjust output power by 1w step delicately.

### **The Best Efficiency, Stability, and Durability**

DOCTANZ is developed by our plentiful experiences and know-how and tested under our strict QC System, so DOCTANZ will make users to operate it in the best convenient conditions and enjoy the stability and durability.

### **For**

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

### **For User's convenient and accurate use**

- Monopolar mode for easy urethral resection or laparoscope procedure
- Bipolar mode with large areas or wet tissues treatment with standard coagulations.
- Easy automatic coagulations with hand switch

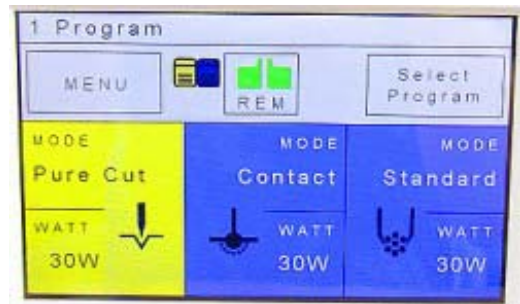
### **Long Key(Speed Key) Functions**

- By pushing Mode button for 2~3 sec., the power setting goes down the level '1' at one time.
- By pushing Up/Down Key for 2~3 sec., you can change the value very fast.

 **DOCTANZ** means Doctor Hands. If you pronounce very fast 'Doctor Hands', you can do like [dactænz].

# DOCTANZ Touch

The supreme solutions for Electrosurgical needs with safety and convenience



## Color Graphic User Interface

Wide 7" TFT LCD with clean and sharp image quality and the innovative new UI configuration

## Touch Screen

- Menu Selections
- Operation Functions Selections

## Faster selections by Key Button

- Menu
- Esc
- Enter
- Up/Down

## Monopolar Cut & Bipolar Cut

- Smooth monopolar pure cut with minimum power and 4 different modes of monopolar cut settings
- 2 different modes of Bipolar cut

## User Setting

More than 10 users can set and memorize the operating conditions and modes

## Bipolar Mode with Easy Autohand Switch

Easy operation by switchable hand and foot switch control



## REM(Return Electrode Monitoring) for Safety

For patient and user safety, in case of inappropriate contact size between a patient and the pad, it automatically blocks the high-frequency current.

## Specification

	Mode	Output Power
Monopolar Cut	Pure Cut	400W / 300Ω
	Blend I	250W / 300Ω
	Blend II	200W / 300Ω
	Blend III	150W / 300Ω
Monopolar Coag.	Contact	120W / 300Ω
	Spray	100W / 300Ω
Bipolar Cut	Cut	120W / 300Ω
	Blend I	100W / 100Ω
Bipolar Coag.	Standard	100W / 300Ω
	Auto Start	100W / 300Ω
	Forced	80W / 300Ω
7" TFT LCD Touch Screen	Display(mm)	152.4(h) X 91.44(v)
	Pixels & Color	800X480, 16.7M Colors
Other Specification	Main Frequency	400KHz
	Power Source	110V/220V, 50/60Hz
	Electrical Class	I CF
	Neutral Electrode	-F-
	Weight	13Kg
	Dimension	330X455X150

# DOCTANZ 400 / 300 / 200

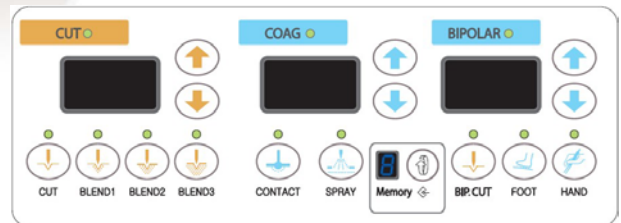
The best choice for Electrosurgical needs with safety and convenience



## DOCTANZ 400/300/200 Plus

- 10 Users Setting Memory
- Bipolar Cut
- Auto Recognition of 50Hz or 60Hz

Plus Version Only!



## Specification

Mode		DOCTANZ 400	DOCTANZ 300	DOCTANZ 200
Monopolar Cut	Pure Cut	400W / 300Ω	300W / 300Ω	200W / 300Ω
	Blend I	250W / 300Ω	230W / 300Ω	150W / 300Ω
	Blend II	200W / 300Ω	180W / 300Ω	120W / 300Ω
	Blend III	150W / 300Ω	120W / 300Ω	100W / 300Ω
Monopolar Coag.	Contact	120W / 300Ω	100W / 300Ω	100W / 300Ω
	Spray	100W / 300Ω	80W / 300Ω	80W / 300Ω
Bipolar	Cut	120W / 200Ω	120W / 200Ω	120W / 200Ω
	Coag.	99W / 100Ω	80W / 100Ω	80W / 100Ω
Other Specification	Main Frequency	400KHz		
	Power Source	110V/220V, 50/60Hz		
	Electrical Class	I CF		
	Neutral Electrode	-F-		
	Weight, Dimension	13Kg, 330X455X150		



**REM**  
(Return Electrode Monitoring) for Safety

The last operating condition memory, when turn on and off

**Bipolar Mode with Easy Autohand Switch**

Easy operation by switchable hand and foot switch control

**Automatic control of the patient-plate connection**

**Coagulation**

Choosable contact or Spray type coagulation

# DOCTANZ 200S / 150

The optimum choice for Electrosurgical needs with safety and convenience



## Specification

Mode		DOCTANZ 200S	DOCTANZ 150
Monopolar Cut	Pure Cut	200W / 200Ω	150W / 200Ω
	Blend I	150W / 200Ω	120W / 200Ω
	Blend II	120W / 200Ω	100W / 200Ω
Monopolar Coag.	Contact	80W / 200Ω	80W / 200Ω
	Spray	80W / 500Ω	60W / 500Ω
Bipolar	Coag.	80W / 100Ω	80W / 100Ω
Other Specification	Main Frequency	400KHz	
	Power Source	110V/220V, 50/60Hz	
	Electrical Class	I CF	
	Neutral Electrode	-F-	
	Weight & Dimension	8Kg, 330X330X150	

**REM (Return Electrode Monitoring) for Safety**

**Bipolar Mode with Easy Autohand Switch**

Easy operation by switchable hand and foot switch control

**Memorization of the last operating condition**

**Automatic control of the patient-plate connection**

**Coagulation**

Choosable contact or Spray type coagulation

# DOCTANZ 100 / 80

The essential choice for Electrosurgical needs with safety and convenience



**1W Step Digital Control**

**High Frequency**

Smooth and delicate cut with 1.6MHz High Frequency

**Contact Coagulation**

**Bipolar Mode with Easy Autohand Switch**

Easy operation by switchable hand and foot switch control

**REM**

**(Return Electrode Monitoring) for Safety**

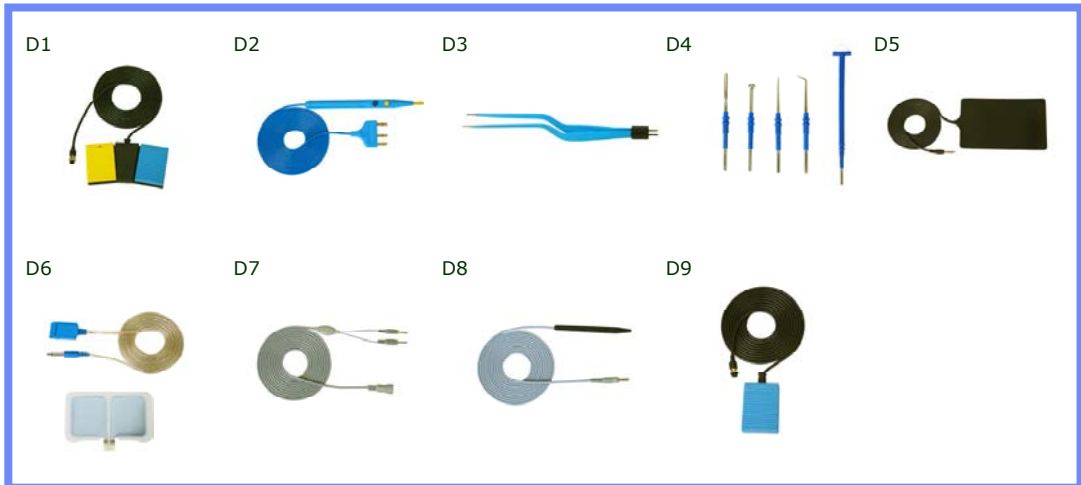
**Memorization of the last operating condition**

**Automatic control of the patient-plate connection**

## Specification

Mode		DOCTANZ 100	DOCTANZ 80
Monopolar Cut	Pure Cut	100W / 300Ω	80W / 300Ω
	Blend I	100W / 300Ω	80W / 300Ω
Monopolar Coag.	Contact	60W / 300Ω	50W / 300Ω
	Coag.	80W / 100Ω	70W / 100Ω
Other Specification	Main Frequency	1.6MHz	
	Power Source	110V/220V, 50/60Hz	
	Electrical Class	I BF	
	Neutral Electrode	-NF-	
	Weight & Dimension	6Kg, 270X310X110	

## Standard Accessories



Mode		DOCTANZ Touch	DOCTANZ 400/300/200	DOCTANZ 200S/150	DOCTANZ 100/80
D1	Double foot switch	O	O	O	X
D2	Twin button handle	O	O	O	X
D3	Bipolar forcep	O	O	O	X
D4	Electrode	O	O	O	O
D5	Rubber patient plate & Cable	O	O	O	O
D6	Disposable return plate & Cable	O	O	O	Optional
D7	Bipolar cable	O	O	O	Optional
D8	Monopolar handle	O	O	O	O
D9	Single foot switch	O	O	X	O

## Optional Accessories



F1 Straight 9.0cm 0.5 Tip

F2 Angled 9.0cm 0.5 Tip

F3 Straight 12.1cm 1.0 Tip

F4 Straight 17.8cm 1.0 Tip

F5 Angled 17.8cm 1.0 Tip

F6 Bayonet 15.2cm 1.0 Tip



Beful Co., Ltd.

## The Complete Solutions for Electrosurgical Units



[www.beful.co.kr](http://www.beful.co.kr)

### Best Exclusive Frank Unique Long Partner

#12-224, Anyang International Distribution Complex, 555-9, Hogye-dong, Dongan-gu, Anyang-si, Gyunggi-do, Korea

Tel : 82 31 479 6990 Fax : 82 31 479 6999

Email : [bizjeong@beful.co.kr](mailto:bizjeong@beful.co.kr) / [bizjeong@hotmail.com](mailto:bizjeong@hotmail.com)