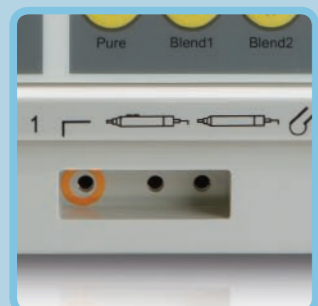




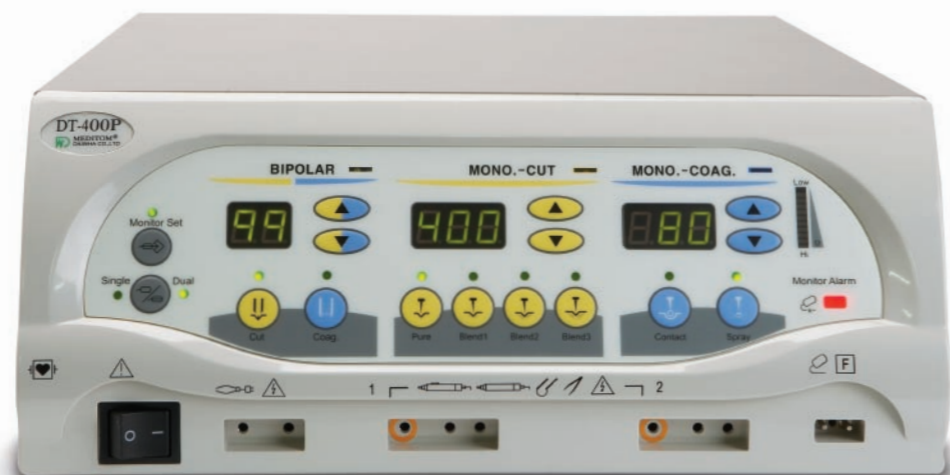
Various Cutting Mode



Highest Compatibility with Various Accessories



Easy Setting of Monopolar & Bipolar



New Digital Technology

The MEDITOM DT-400P/300P is a multi-purpose electrocautery generator for use in the modern operating room and surgi-center. It features both monopolar and bipolar functions to satisfy all of your surgical demands with safety, flexibility, reliability and convenience.

D.R.M(Daiwha patient Return electrode Monitoring) System

It has a D.R.M System to protect patients from burns due to inadequate contact of the dual return plate. The D.R.M System is designed to deactivate the generator before an injury can be occurred. It detects a dangerously high level of impedance at patient and constantly monitors the circuit for tissue to pad contact. An alarm will sound and the output will be automatically cut off in the event of a loss of contact.

Two Modes of Bipolar Coagulation

It has two modes of bipolar coagulation : Standard Coagulation(99 watts maximum power) and Soft Coagulation(50 watts maximum power). The Standard Coagulation is suitable for large tissue coagulation and can coagulate the tissue wetted by blood or any other liquids. The Soft Coagulation is suitable for small tissue coagulation and can minimize tissue adhesion.

Memory Function

The MEDITOM DT-400P/300P remembers its last setting. When you turn the unit on, it performs a safety system check and automatically power up to the last activated settings.

Four Modes of Monopolar Cutting

With DAIWHA digital technology, you can choose from four different modes of monopolar cutting setting : Pure, Blend1, Blend2, Blend3. From the Pure to the Blend3, the degree of hemo-stasis will increase and cutting effect will decrease.

Two Modes of Monopolar Coagulation

It has two modes of monopolar coagulation : Contact Coagulation(100 watts maximum power) and Spray Coagulation(80 watts maximum power). The Spray Coagulation can achieve excellent results in Trans Urethral Resection(T.U.R.) and Endoscopic procedures in Urology. The Contact Coagulation can be used for Laparoscope.

Three Tone Audible Signals

The MEDITOM DT-400P/300P has different audible signals for cut, coagulation and bipolar coagulation.

Seven Different Types of Current

It is selected by pushing the mode-select switch and outputs are precisely adjusted by up/down control. The outlets of cutting, coagulation are controlled by foot or hand switch respectively.

Quality Assurance and Certification

- The MEDITOM DT-400P/300P is certified in accordance with ISO 13485.
- EMC Safety with coincidence to ICE60601-1-1 EMC Standard
- CE Approved

Areas of Use

General Surgery, Dermatology, Endoscopy, Vascular Surgery, Gynecology, Heart/Thoracic Surgery, ORL/ENT, Pediatric Surgery, Minimally Invasive Surgery(MIS), Neurosurgery, Plastic Surgery, Orthopedics, Urology, Oral Surgery, Trans Urethral Resection(T.U.R.)

SPECIFICATION

- Main Frequency :** 400, 490kHz±10%
- Repetition Rate :** 20, 33kHz±10%
- High Frequency Leakage Current :** Less than 150mA
- Low Frequency Leakage Current :**
 - Patient leads to Ground : Less than 0.01mA
 - Chassis to Ground : Less than 0.1mA
- Power Source :** 110/220V(±10%), 50/60Hz
- Power Consumption :** 950 VA
- Dimension(HxWxD) :** 165x380x510mm
- Weight :** Approx. 21Kg

DT-400P

<Tolerance : ±20%>

MODE	OUTPUT POWER	CREST FACTORS	DUTY CYCLE	
CUT	PURE	400W at 500 Ω	1.3	CONTINUOUS WAVE
	BLEND1	230W at 300 Ω	2	55
	BLEND2	180W at 300 Ω	2.4	37
	BLEND3	120W at 300 Ω	2.9	25
COAG.	CONTACT	100W at 300 Ω	3.6	17
	SPRAY	80W at 500 Ω	4.5	15
BIPOLAR	STANDARD	80W at 100 Ω	1.5	CONTINUOUS WAVE
	SOFT	50W at 100 Ω	1.5 - 5.5	100 - 5

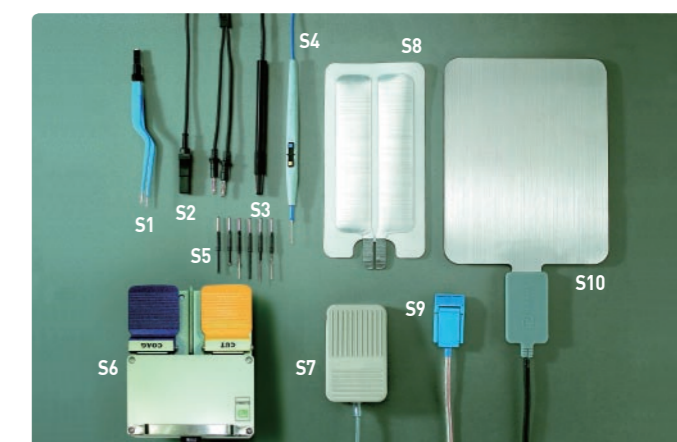
DT-300P

<Tolerance : ±20%>

MODE	OUTPUT POWER	CREST FACTORS	DUTY CYCLE	
CUT	PURE	300W at 500 Ω	1.3	CONTINUOUS WAVE
	BLEND1	200W at 300 Ω	2.2	48
	BLEND2	150W at 300 Ω	2.7	31
	BLEND3	100W at 300 Ω	3.2	23
COAG.	CONTACT	80W at 300 Ω	3.8	15
	SPRAY	80W at 500 Ω	4.5	15
BIPOLAR	STANDARD	80W at 100 Ω	1.5	CONTINUOUS WAVE
	SOFT	40W at 100 Ω	1.5 - 5.5	100 - 5

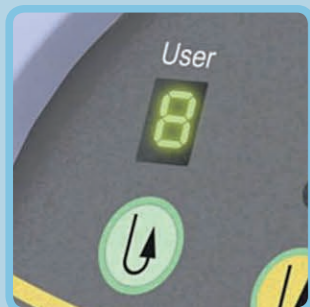
STANDARD ACCESSORIES

- S1** Bipolar Forcep (310-160, 1mm, Bayonet Sharp)
- S2** Reusable Bipolar Forcep Cable
- S3** Reusable Monopolar Handle with Cable
- S4** Reusable Twin Button Handle with Cable
- S5** Electrodes (6 Pcs)
- S6** Double Foot Switch
- S7** Single Foot Switch
- S8** Disposable Dual Return Plate
- S9** Reusable Return Plate Cable
- S10** Reusable Metal Plate with Cable



ELECTROSURGICAL UNIT

MEDITOM BASIC 300/200/150



User Memory



Various Cutting Mode



Easy Setting of Monopolar & Bipolar



New Digital Technology

Safety, Flexibility, Reliability, Convenience and Compact Design

ANPM(Automatic Neutral Plate Monitoring)

- Protect patients from possible burns due to inadequate contact of the dual return plate
- Alarm will sound and output automatically cut off in the event of a loss of contact

Bipolar Cutting & Coagulation

Two Modes of Monopolar Cutting & Coagulation

User Memory Function

Save the setting of each users(Memory from 0 to 9)

Three Different Audible Signals

The MEDITOM Basic series have different audible signals for cut & coagulation and bipolar cut & coagulation.

Application

- General Surgery, Gynecology
- Dermatology, Plastic Surgery
- Endoscopy, Vascular Surgery
- Heart /Thoracic Surgery
- Pediatric Surgery
- MIS(Minimally Invasive Surgery)
- Neurosurgery, Orthopedics
- Urology, Trans Urethral Resection(T.U.R.)

300 BASIC SPECIFICATIONS

Output

	MODE	Power	Frequency
CUT	PURE	300W at 500 ohms	400 kHz
	BLEND	200W at 300 ohms	400 ~ 433 kHz
COAG	CONTACT	90W at 300 ohms	400 ~ 433 kHz
	SPRAY	80W at 500 ohms	400 ~ 433 kHz
BIPOLAR	STANDARD	80W at 100 ohms	482 kHz
	CUT	90W at 200 ohms	482 kHz

Main Frequency : 400, 482kHz (±10%)

Repetition Rate : 33kHz (±10%)

High Frequency Leakage Current : Less than 150mA

Low Frequency Leakage Current : - Patient leads to Ground : Less than 0.01mA
- Chassis to Ground : Less than 0.1mA

Duty Cycle 10 Seconds On, 30 Seconds Off

Power Source : 110/220 V ~ 8.0/4.0 A, 50/60 Hz

Consumption : 800 VA

Dimension(H×W×D) : 137×300×395mm

Weight : Approx. 17Kg



Standard Accessories

- S1 BIPOLAR FORCEP (310-160, 1 MM, BAYONET SHARP) : 1 pc
- S2 REUSABLE BIPOLAR FORCEP CABLE : 1 pc
- S3 REUSABLE MONOPOLAR HANDLE WITH CABLE : 1 pc
- S5 ELECTRODES [6pcs] : 6pcs / set
- S6 DOUBLE FOOT SWITCH : 1 pc
- S8 DISPOSABLE DUAL RETURN PLATE : 5 pcs / set
- S9 REUSABLE RETURN PLATE CABLE : 1 pc
- B5 DISPOSABLE TWIN BUTTON HANDLE WITH CABLE : 1 pc

200 BASIC SPECIFICATIONS

Output

	MODE	Power	Frequency
CUT	PURE	200W at 500 ohms	400 kHz
	BLEND	150W at 300 ohms	400 ~ 433 kHz
COAG	CONTACT	80W at 300 ohms	400 ~ 433 kHz
	SPRAY	70W at 500 ohms	400 ~ 433 kHz
BIPOLAR	STANDARD	70W at 100 ohms	482 kHz
	CUT	80W at 200 ohms	482 kHz

Main Frequency : 400, 482kHz (±10%)

Repetition Rate : 33kHz (±10%)

High Frequency Leakage Current : Less than 150mA

Low Frequency Leakage Current : - Patient leads to Ground : Less than 0.01mA
- Chassis to Ground : Less than 0.1mA

Duty Cycle 10 Seconds On, 30 Seconds Off

Power Source : 110/220 V ~ 8.0/4.0 A, 50/60 Hz

Consumption : 800 VA

Dimension(H×W×D) : 137×300×395mm

Weight : Approx. 13Kg



Standard Accessories

- S1 BIPOLAR FORCEP (310-160, 1 MM, BAYONET SHARP) : 1 pc
- S2 REUSABLE BIPOLAR FORCEP CABLE : 1 pc
- S6 DOUBLE FOOT SWITCH : 1 pc
- S8 DISPOSABLE DUAL RETURN PLATE : 5 pcs/set
- S9 REUSABLE RETURN PLATE CABLE : 1 pc
- B5 DISPOSABLE TWIN BUTTON HANDLE WITH CABLE : 1 pc

150 BASIC SPECIFICATIONS

Output

	MODE	Power	Frequency
CUT	PURE	150W at 500 ohms	400 kHz
	BLEND	120W at 300 ohms	400 ~ 433 kHz
COAG	CONTACT	70W at 300 ohms	400 ~ 433 kHz
	SPRAY	60W at 500 ohms	400 ~ 433 kHz
BIPOLAR	STANDARD	60W at 100 ohms	482 kHz
	CUT	70W at 200 ohms	482 kHz

Main Frequency : 400, 482kHz (± 10%)

Repetition Rate : 33kHz (±10%)

High Frequency Leakage Current : Less than 150mA

Low Frequency Leakage Current : - Patient leads to Ground : Less than 0.01mA
- Chassis to Ground : Less than 0.1mA

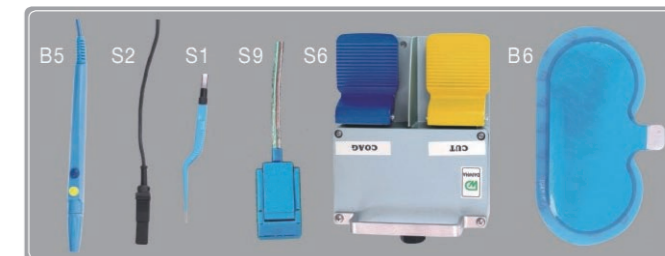
Duty Cycle 10 Seconds On, 30 Seconds Off

Power Source : 110/220 V ~ 8.0/4.0 A, 50/60 Hz

Consumption : 800 VA

Dimension(H×W×D) : 137×300×395mm

Weight : Approx. 13Kg



Standard Accessories

- S1 BIPOLAR FORCEP (310-160, 1 MM, BAYONET SHARP) : 1 pc
- S2 REUSABLE BIPOLAR FORCEP CABLE : 1 pc
- S6 DOUBLE FOOT SWITCH : 1 pc
- S9 REUSABLE RETURN PLATE CABLE : 1 pc
- B5 DISPOSABLE TWIN BUTTON HANDLE WITH CABLE : 1 pc
- B6 DISPOSABLE SINGLE RETURN PLATE : 5 pcs/set