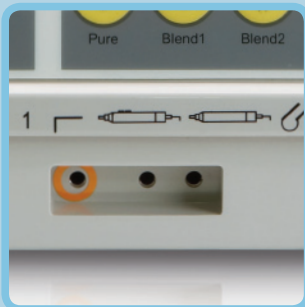


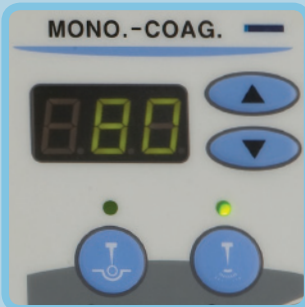
ELECTROSURGICAL UNIT
MEDITOM DT-400P/300P



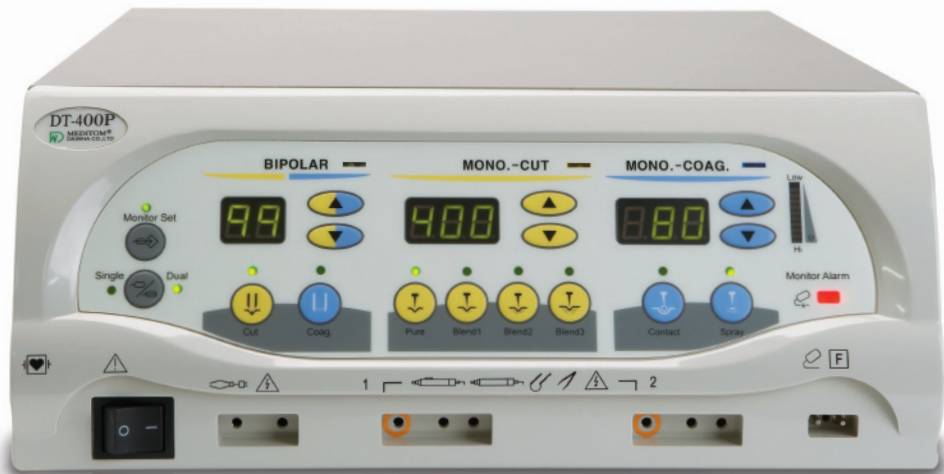
Various Cutting Mode



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 Monololar 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(H×W×D) :** 165×380×510mm
- 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

