

# ELECTROSURGICAL UNIT

## MEDITOM DT-400S / 300S



### Various Operation Modes



- Four Modes of Monopolar Cutting
- Three Modes of Monopolar Coagulation
- One Mode of Bipolar Cut
- Two Modes of Bipolar Coagulation

### Mode Icons



### Highest Compatibility With Various Accessories



### User Memory (0 – 9)



### New Digital Technology

The **MEDITOM DT-400S / 300S** is a multi-purpose electrocautery generator for use in the modern operating room and surgical center; the General interventions, Urology, Pediatric Surgery, Neurosurgery, cardiothoracic surgery and visceral surgery.

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

The D.R.M System is designed to deactivate the generator to prevent the injury or burns during operation. An alarm will sound and the output will be automatically cut off in the event of a loss of contact.

### Quality Assurance and Certification



### 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, Surgery, Trans Urethral Resection(T.U.R.)

### Specification

- MAIN FREQUENCY : 380, 480 KHz  $\pm 10\%$
- REPETITION RATE : 33 KHz  $\pm 10\%$
- H.F.L.C : Less than 150 mA
- L.F.L.C
  - \*Patient leads to ground : Less than 0.01 mA
  - \*Chassis to ground : Less than 0.1 mA
- POWER SOURCE : 110/220V( $\pm 10\%$ ), 50/60 Hz
- DIMENTION [H X W X D] mm : 147X330X417mm
- WEIGHT : 16Kg

### ► DT-400S

〈Tolerance :  $\pm 20\%$ 〉

MODE		OUTPUT MAX POWER	Rated Load (ohms)
MONOPOLAR CUT	PURE	400W	500Ω
	BLEND 1	320W	300Ω
	BLEND 2	240W	300Ω
	BLEND 3	160W	300Ω
MONOPOLAR COAG	FORCED	120W	500Ω
	SOFT	120W	500Ω
	SPRAY	100W	300Ω
BIPOLAR	STANDARD	100W	100Ω
	SOFT	80W	100Ω
	CUT	100W	200Ω

### ► DT-300S

〈Tolerance :  $\pm 20\%$ 〉

MODE		OUTPUT MAX POWER	Rated Load (ohms)
MONOPOLAR CUT	PURE	300W	500Ω
	BLEND 1	300W	300Ω
	BLEND 2	220W	300Ω
	BLEND 3	140W	300Ω
MONOPOLAR COAG	FORCED	100W	300Ω
	SOFT	100W	500Ω
	SPRAY	100W	500Ω
BIPOLAR	STANDARD	100W	100Ω
	SOFT	80W	100Ω
	CUT	100W	200Ω